Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **A. PHILLIP RANDOLPH CAMPUS - M**		
Address	: **WEST 135 STREET & CONVENT AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M540**
Program / Asset #	: **BOE0141.000 / 4411**	**Yr Built/Renovated**	: **1926 / 2010**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,6**		
Block	: **1971** **Lot** : **1**	**BIN**	: **1059645**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,173,700	$101,500
Interior Architecture	$1,571,500	$677,000
Electrical		$3,239,400
Mechanical	$589,400	$1,508,100
Total	**$4,334,600**	**$5,526,000**
Importance Code A	$2,173,700	$101,500
Importance Code B	$2,035,000	$5,332,300
Importance Code C	$125,900	$92,200
Total	**$4,334,600**	**$5,526,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,700			
Interior Architecture	$30,500	$10,000	$6,000	$17,700
Electrical		$2,100		$1,200
Mechanical	$23,400	$24,200	$35,900	$33,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$116,500**	**$48,100**	**$53,800**	**$64,400**
Importance Code A	$66,300	$15,600	$15,600	$16,000
Importance Code B	$50,200	$32,500	$32,200	$48,500
Importance Code C			$6,000	
Total	**$116,500**	**$48,100**	**$53,800**	**$64,400**

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

DEPARTMENT OF EDUCATION - 040

A. PHILLIP RANDOLPH CAMPUS - M

Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	2-4	$298,200	LIFE	* *	5	$49,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *	5	$7,400	
Masonry: Limestone	40%	Now	$958,900	LIFE	* *	5	$29,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$339,900	2041	* *	5	$20,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$7,500	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	45%	2-4	$15,400	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	45%	2-4	$27,900	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

A. PHILLIP RANDOLPH CAMPUS - M

Asset # : 4411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	75%			2035	* *	10	$52,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	20%	2-4	$63,600	2035	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%	2-4	$513,100	2055	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Units								
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$12,300	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$11,400	2034	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *	5	$8,800	
Quarry Tile	1%	2-4	$6,800	2030	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$146,300	2035	* *	5	$7,400	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	20%	4+	$120,300	2020	$401,100	3	$17,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Classroom(s)								
Explanation : 9x9 Tile								
Vinyl Tile	19%	2-4	$76,200	2025	$381,100	3	$16,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	35%	2-4	$544,600	2040	* *	5	$77,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$11,900	
Masonry: Brick	10%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Masonry: Limestone	3%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	62%	Now	$59,400	LIFE	* *	5	$44,400	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stairs 5 And 6								
Wood	5%	2-4	$66,500	LIFE	* *	5	$47,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	5%			2030	* *	5	$12,500	
AcousTileSusp.Lay-In	10%			2038	* *	5	$19,900	
Exposed Concrete	25%			LIFE	* *	5	$7,800	
Plaster	60%	Now	$156,900	LIFE	* *	5	$74,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Custodian Room, Stair								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms 608, 610, 619, 501, 502, 511								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$700	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$400	
Molded Case Bkrs	90%			2033	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2035	* *	1		

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

DEPARTMENT OF EDUCATION - 040

A. PHILLIP RANDOLPH CAMPUS - M

Asset # : 4411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$1,575,600	10	$130,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2025	$37,700	10	$200	
Incandescent	7%			2025	$122,500	2	$200	
Egress Lighting								
Emergency, Battery	50%			2025	$106,300	10	$19,000	
Exit, Service	50%			2025	$21,300	1		
Exterior Lighting								
HID	100%			2025	$604,300	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$662,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$156,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$110,000	2035	* *	4	$7,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	0-2	$170,000	2035	* *	1	$17,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	80%			2023	$1,190,900	1	$40,700	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

A. PHILLIP RANDOLPH CAMPUS - M

Asset # : 4411

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$64,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$68,000	LIFE	* *	2-5	$87,900	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	30%	0-2	$52,300	2035	* *	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Roof	70%			2020	$87,700	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$94,100	1		
Water Heater								
Gas Fired	100%			2020	$36,700	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-6								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2035	* *	1-5	$33,000	
Sprinkler								
No Component	90%							
Generic	10%			2025	$184,000	1-2	$4,400	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **ABRAHAM LINCOLN HIGH SCHOOL - BK**		
Address	: **2800 OCEAN PARKWAY @WEST AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K410**
Program / Asset #	: **BOE0623.000 / 1221**	**Yr Built/Renovated**	: **1930 / 2011**
Area Sq Ft	: **249,100**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Aug-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7254** **Lot** : **1**	**BIN**	: **3196293**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,550,900	$683,700
Interior Architecture	$919,800	$453,400
Electrical	$2,919,400	$1,955,400
Mechanical	$495,800	$1,316,200
Total	**$5,885,900**	**$4,408,600**
Importance Code A	$1,610,600	$767,700
Importance Code B	$3,683,700	$3,555,000
Importance Code C	$591,500	$85,900
Total	**$5,885,900**	**$4,408,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$33,100	
Interior Architecture	$28,000		$35,500	$2,300
Electrical	$7,400	$6,300	$9,300	$6,000
Mechanical	$52,200	$42,400	$56,600	$36,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$91,600**	**$52,700**	**$138,300**	**$48,700**
Importance Code A		$24,300	$57,900	$24,300
Importance Code B	$82,200	$28,400	$80,400	$24,400
Importance Code C	$9,300			
Total	**$91,600**	**$52,700**	**$138,300**	**$48,700**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$148,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	78%			LIFE	* *	5	$98,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,900	
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Windows								
Wood	100%	Now	$1,550,900	2049	* *	5	$276,300	
Air Infiltration, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$15,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	85%			2032	* *	10	$160,800	
Copper/Terne	5%			2039	* *	10	$23,700	
Modified Bitumen	5%			2029	* *	10	$9,500	
Skylight, Metal/Glass	5%			2034	* *	10	$31,500	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$9,500	LIFE	* *	5	$40,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2027	* *	5	$18,400	
Vinyl Tile	35%			2034	* *	3	$48,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	5%	Now	$156,100	2034	* *	3	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 9x9 Tiles								
Wood	50%			2027	* *	5	$344,300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ABRAHAM LINCOLN HIGH SCHOOL - BK
Asset # : 1221

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$18,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%	0-2	$74,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	77%	Now	$459,700	LIFE	* *	5	$85,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boys Toilets Floors 1 Thru 3 Exits And Exit 1, 2, 13, And 14								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	8%	Now	$57,600	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 60%								
Location : Low Retaining Wall/railing At Pool Spectator Seating Area								
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$38,800	
Exposed Concrete	10%			LIFE	* *	5	$4,800	
Plaster	80%			LIFE	* *	5	$155,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 2500 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$488,700	5	$1,100	
Raceway								
Conduit	100%			2024	$578,000	1		
Panelboards								
Fused Disc Sw	10%			2023	$47,800	5	$600	
Molded Case Bkrs	15%			2032	* *	5	$1,000	
Molded Case Bkrs	75%			2046	* *	5	$4,900	
Wiring								
Braided Cloth	40%	0-2	$311,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2024	$467,800	1		
Motor Controllers								
Locally Mounted	100%			2022	$230,200	5	$1,700	
Ground								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2029	* *	10	$180,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	17%			2019	$463,300	10	$38,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway Only								
Explanation : T-8 Lamps								
HID	3%			2024	$58,800	10	$200	
Egress Lighting								
Emergency, Service	50%			2019	$60,400	1		
Exit, Service	50%			2024	$33,100	1		
Exterior Lighting								
HID	100%			2019	$940,800	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$150,700	1	$18,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$774,000	1-3	$46,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Natural Gas & # 2 Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$59,700	2037	* *	1	$218,700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Draft Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units - All Need Retubing								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$18,100	
Terminal Devices								
Air Handler	20%	Now	$13,200	2024	$264,600	1	$27,300	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	60%	Now	$278,100	2029	* *	1	$42,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2024	$734,800	1	$15,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$100,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$136,800	
Exhaust Fans								
Interior	80%	Now	$10,800	2024	$217,000	2	$4,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Gym								
Roof	20%			2024	$39,000	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2034	* *	1		
Galv Iron/Steel	40%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$2,900	2019	$57,100	2	$2,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Hot Water Heater								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$10,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : North Side Driveway Sewage								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler, And Pool Fan Room								
Explanation : Need A Sump Pump								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%			2029	* *	4		
Backflow Preventer								
Generic	100%			2029	* *	1	$15,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$6,900	
Chemical System								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE**
Address : **2800 OCEAN PARKWAY @WEST AVE.**
Borough : **BROOKLYN**
Agency's Number : **K411**
Program / Asset # : **BOE0623.010 / 13432**
Yr Built/Renovated : **1930 / 2000**
Area Sq Ft : **7,000**
Project Type : **EDUCATION**
Date of Survey : **31-Aug-2012**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **7254** **Lot** : **1** **BIN** : **3196293**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$259,100	$259,800
Interior Architecture	$236,900	$61,600
Electrical		$370,100
Mechanical		$162,000
Total	**$496,000**	**$853,500**
Importance Code A	$259,100	$259,800
Importance Code B	$122,100	$593,700
Importance Code C	$114,800	
Total	**$496,000**	**$853,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,300			
Interior Architecture	$62,200			
Electrical		$100	$26,500	
Mechanical	$18,100	$2,500	$6,400	$3,100
Total	**$133,600**	**$2,600**	**$32,800**	**$3,100**
Importance Code A	$55,700	$2,500	$2,500	$2,500
Importance Code B	$44,900	$100	$30,400	$600
Importance Code C	$32,900			
Total	**$133,600**	**$2,600**	**$32,800**	**$3,100**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$26,800	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$5,100	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Wood	100%	0-2	$259,100	2049	* *	5	$46,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Limestone	100%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	100%	0-2	$21,400	2024	$213,600			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	75%	0-2	$29,300	LIFE	* *	5	$61,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	25%	Now	$72,800	2033	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	25%	Now	$32,900	2027	* *	5	$11,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Boys Locker Room								
Plaster	75%	0-2	$114,800	LIFE	* *	5	$21,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Plaster	100%	0-2	$49,300	LIFE	* *	5	$23,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$48,900	5		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2024	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2023	$2,200	5		
Molded Case Bkrs	90%			2023	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2024	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	99%			2024	$275,900	10	$22,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2024	$2,000	10		
Exterior Lighting								
HID	100%			2019	$26,400	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$7,800	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$1,200	
Terminal Devices								
Unit Heater-Stm/HW	100%	Now	$8,100	2024	$162,000	4	$2,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Thermostat								
Plumbing								

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

DEPARTMENT OF EDUCATION - 040

ABRAHAM LINCOLN HIGH SCHOOL - BK FIELDHOUSE

Asset # : 13432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$7,500	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main And Piping, Throughout								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK**
Address : **510 WAVERLY AVENUE BTWN: FULTON ST. - ATLANTIC AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K784**
Program / Asset # : **BOE1104.000 / 14560** | **Yr Built/Renovated** :
Area Sq Ft : **80,000** | **Project Type** : **EDUCATION**
Date of Survey : **12-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5,6**
Block : **2011** **Lot** : **39** **BIN** : **3057561**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$522,300	$646,700
Interior Architecture	$317,200	$61,600
Electrical		$72,600
Total	**$839,500**	**$781,000**
Importance Code A	$522,300	$646,700
Importance Code B	$152,900	$72,600
Importance Code C	$164,300	$61,600
Total	**$839,500**	**$781,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,900	$41,100		
Interior Architecture	$33,300	$31,500	$24,400	
Electrical	$17,500	$7,500	$6,200	$6,200
Mechanical	$50,300	$29,400	$21,600	$29,700
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$155,900**	**$115,300**	**$58,000**	**$41,800**
Importance Code A	$53,000	$45,100	$4,000	$4,000
Importance Code B	$100,200	$70,300	$50,700	$37,800
Importance Code C	$2,700		$3,400	
Total	**$155,900**	**$115,300**	**$58,000**	**$41,800**

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

DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	55%			LIFE	* *	5	$637,800	
Metal Panel	10%			2052	* *	5-10	$79,700	
Pre-Cast Concrete	20%			LIFE	* *	5	$150,800	
Stucco Cement	10%			2043	* *	5	$29,000	
Window Wall	5%			2052	* *	5	$21,700	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$157,700	
Concrete Masonry Unit	15%			LIFE	* *	5-10	$12,600	
Metal Panel	5%			2052	* *	5	$3,000	
Metal Rail	5%			2043	* *	5-10	$13,800	
Metal: Cage/Fence	15%			2043	* *	5-10	$17,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,600	
Stucco Cement	5%			2043	* *	5	$2,000	
Roof								
IRMA/Protected Membrane	50%			2034	* *	10	$36,900	
IRMA/Protected Membrane	40%			2034	* *	10	$29,500	
Other Observation, Extent : Moderate, Area Affected : 100% Location : Section Over Sixth Floor Explanation : Covered With Artificial Grass								
Single Ply Membrane	5%			2034	* *	10	$3,700	
Sloped Glazing	5%			LIFE	* *	5	$98,400	
Interior								
Floors								
Carpet	25%			2027	* *	3	$52,400	
Cast in Place Concrete	10%			LIFE	* *	5	$61,200	
Ceramic Tile	5%			2039	* *	5	$7,000	
Traffic Topping	10%			2034	* *	5	$17,500	
Vinyl Tile	50%			2034	* *	3	$26,200	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$51,300	
Ceramic Tile	5%			2039	* *	5	$6,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,500	
Gypsum Board	75%			LIFE	* *	5-10	$174,500	
Ceilings								
AcousTileSusp.Lay-In	20%			2043	* *	5	$28,000	
Exposed Concrete	60%			LIFE	* *	5-10	$104,900	
Gypsum Board	20%			LIFE	* *	5-10	$96,100	
Water Penetration, Extent : Moderate, Area Affected : 10% Location : Stair At South Side								

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

DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Presure Contact Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$2,100	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$24,600	
Generators								
Diesel	100%			2039	* *	1	$31,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Diesel Generator Rated @ 225 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$17,800	
Fuel Storage								
Main Tank	100%			2061	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Capacity								
Lighting								

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

DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2034	* *	10	$69,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-5 Lamps								
Fluorescent	5%			2034	* *	10	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Cfl - Compact Fluorescent Lights								
Incandescent	1%			2034	* *	2		
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Ipdvs (Internet Protocol Digital Video Surveillance Camera System)								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells , Smoke Detectors And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$39,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2048	* *	4	$3,900	
Terminal Devices								
Air Handler	90%			2034	* *	1	$44,500	
Convector/Radiator	10%			2043	* *	1	$2,600	
Air Conditioning								

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

DEPARTMENT OF EDUCATION - 040

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL - BK

Asset # : 14560

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$4,900	
Other Observation, Extent : Light, Area Affected : 100% *Location : Roof* *Explanation : 3 Exterior Package Units*								
Heat Rejection								
Air Condenser Unit	100%			2034	* *	2	$55,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	
Exhaust Fans								
Roof	100%			2034	* *	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$18,600	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100% *Location : B-7* *Explanation : 1 Unit*								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$40,300	
Sprinkler								
Generic	100%			2052	* *	1-2	$22,400	
Fire Pump								
Generic	100%			2039	* *	1	$14,900	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ADLAI E. STEVENSON H.S. - BX**
Address : **1980 LAFAYETTE AVE. @ PUGSLEY AVE.**
Borough : **BRONX** | **Agency's Number** : **X450**
Program / Asset # : **BOE0329.000 / 359** | **Yr Built/Renovated** : **1970 / 2002**
Area Sq Ft : **401,576** | **Project Type** : **EDUCATION**
Date of Survey : **09-Jun-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **3604** **Lot** : **39** | **BIN** : **2022205**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$4,534,300	$368,000
Interior Architecture	$6,692,000	$417,800
Electrical	$3,159,900	$9,023,000
Mechanical	$855,500	$9,616,200
Total	**$15,241,700**	**$19,425,100**
Importance Code A	$4,632,000	$2,449,000
Importance Code B	$9,925,800	$16,903,900
Importance Code C	$683,900	$72,200
Total	**$15,241,700**	**$19,425,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$13,700
Interior Architecture	$65,300	$15,000	$4,400	$46,600
Electrical	$50,400	$40,800	$44,100	$76,600
Mechanical	$22,200	$56,700	$89,400	$68,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$145,800**	**$120,400**	**$145,800**	**$213,200**
Importance Code A		$39,800	$39,800	$54,300
Importance Code B	$111,700	$80,600	$101,700	$158,900
Importance Code C	$34,000		$4,400	
Total	**$145,800**	**$120,400**	**$145,800**	**$213,200**

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

DEPARTMENT OF EDUCATION - 040

ADLAI E. STEVENSON H.S. - BX

Asset # : 359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$162,600	LIFE	* *	5	$107,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bulkheads Throughout								
Masonry: Limestone	20%	0-2	$147,200	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$160,000	
Parapets								
Masonry: Brick	45%	Now	$61,100	LIFE	* *	5	$21,200	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$5,900	
Metal Panel	15%			2045	* *	5	$27,300	
Metal Rail	30%			2038	* *	5-10	$255,100	
Roof								
IRMA/Protected Membrane	95%	0-2	$3,970,000	2035	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Connecting Corridor To Gymnasium								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Connecting Corridor To Gymnasium,Gymnasium								
Metal Panel	5%			2038	* *	10	$38,400	
Interior								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$31,300	LIFE	* *	5	$65,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%	0-2	$69,900	2034	* *	5	$9,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	0-2	$279,400	LIFE	* *	5	$23,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	20%			2033	* *	3	$45,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Various Classrooms, Cafeteria								
Vinyl Tile 9" X 9"	62%	2-4	$205,200	2020	$4,105,000	3	$139,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	4+	$99,100	2040	* *	5	$28,200	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	0-2	$72,500	2034	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	2%			2034	* *	5	$8,800	
Concrete Masonry Unit	7%	2-4	$34,000	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Folding Partition	3%	Now	$418,200	2033	* *	5	$16,400	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Masonry: Brick	5%			LIFE	* *			
Plaster	55%	Now	$193,200	LIFE	* *	5	$72,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040

ADLAI E. STEVENSON H.S. - BX

Asset # : 359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2038	* *	5	$90,200	
Exposed Concrete	50%			LIFE	* *	5	$47,000	
Exposed Struc: Steel	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	20%	0-2	$1,204,400	LIFE	* *	5	$150,300	
Bent/Warped Elements, Extent : Severe, Area Affected : 100%								
Location : Cafeteria, Corridors								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Connecting Corridor To Gymnasium								
Plaster	10%			LIFE	* *	5	$37,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$126,100	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Switches Rated @ 4000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$733,100	5	$1,700	
Raceway								
Conduit	95%			2025	$823,700	1		
Conduit	5%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$36,600	5	$500	
Molded Case Bkrs	90%			2024	$659,200	5	$9,500	
Molded Case Bkrs	5%			2033	* *	5	$500	
Wiring								
Braided Cloth	30%	2-4	$350,900	2050	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	65%			2025	$760,200	1		
Thermoplastic	5%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$345,300	5	$2,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ADLAI E. STEVENSON H.S. - BX
Asset # : 359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$123,600	
Generators								
Natural Gas	100%			2021	$121,400	1	$155,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 106 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$14,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$4,282,300	10	$353,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2025	$89,200	10	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl - Compact Fluorescent Light Fixtures								
HID	1%			2020	$32,100	10	$100	
Incandescent	1%			2020	$44,600	2	$100	
Egress Lighting								
Emergency, Battery	40%			2025	$216,700	10	$38,800	
Exit, Service	60%			2025	$65,000	1		
Exterior Lighting								
HID	100%			2020	$1,516,600	10	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$364,500	1	$45,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2020	$1,247,800	1-3	$76,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bell And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2025	$989,100	5	$124,400	

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

ADLAI E. STEVENSON H.S. - BX

Asset # : 359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$97,700	2023	$1,954,900	1	$357,900	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Tubes Of #1 Boilers, Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,100	2025	$2,803,900	4	$19,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$8,700	2020	$433,100	1	$44,700	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Dampers, Various Locations								
Convector/Radiator	80%			2023	$3,034,500	1	$103,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$206,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$223,900	
Exhaust Fans								
Interior	20%			2025	$88,800	2	$2,500	
Roof	80%			2025	$255,400	2	$9,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$93,400	2	$5,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4, (1) 1-4								
Explanation : 2 Units								

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

ADLAI E. STEVENSON H.S. - BX

Asset # : 359

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$234,400	1-2	$5,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **ADLAI E. STEVENSON H.S. - BX FIELDHOUSE**				
Address	: **1980 LAFAYETTE AVE. @PUGSLEY AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X450**
Program / Asset #	: **BOE0329.010 / 14650**			**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **625**			**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3604**	**Lot**	: **39**	**BIN**	: **2022205**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$48,900
Total		**$48,900**
Importance Code B		$48,900
Total		**$48,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,000			$5,300
Interior Architecture				
Electrical				$27,000
Mechanical	$100	$400	$300	$100
Total	**$1,100**	**$400**	**$300**	**$32,400**
Importance Code A	$1,000			$5,300
Importance Code B	$100	$400	$300	$27,000
Importance Code C				
Total	**$1,100**	**$400**	**$300**	**$32,400**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$1,000	LIFE	* *	5	$1,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Metal Panel	100%			2045	* *	5	$2,300	
Roof								
Modified Bitumen	100%			2030	* *	10	$4,200	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$7,300	
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$3,400	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fieldhouse								
Explanation : 400 Amps								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$48,900	5		
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2024	$22,400	5		
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Storage Room								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$24,900	10	$2,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2025		1		
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Wall Mounted								
Explanation : Electric Heating Coils								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,200	
Exhaust Fans								
Roof	100%			2025	$1,800	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2018	$300	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **ADMINISTRATION BLDG - BK**		
Address	: **65 COURT ST @LIVINGSTON ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K801**
Program / Asset #	: **BOE0659.000 / 1217**	**Yr Built/Renovated**	: **1963 / 2004**
Area Sq Ft	: **285,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,5,7,9,15,18**		
Block	: **266** **Lot** : **20**	**BIN**	: **3002557**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,662,200	$394,100
Interior Architecture	$902,700	$2,932,600
Electrical	$2,433,500	$4,478,900
Mechanical	$150,400	$9,638,400
Total	**$5,148,800**	**$17,443,900**
Importance Code A	$1,731,400	$1,988,300
Importance Code B	$3,417,400	$15,341,800
Importance Code C		$113,800
Total	**$5,148,800**	**$17,443,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,400		$54,000	
Interior Architecture	$38,200	$37,200	$2,700	$564,500
Electrical	$12,800	$12,100	$12,500	$11,700
Mechanical	$97,900	$154,700	$120,400	$164,700
Elevators/Escalators	$131,300	$131,300	$131,300	$131,300
Total	**$292,600**	**$335,300**	**$320,800**	**$872,100**
Importance Code A	$12,400	$28,200	$83,500	$28,200
Importance Code B	$273,900	$307,200	$237,300	$844,000
Importance Code C	$6,300			
Total	**$292,600**	**$335,300**	**$320,800**	**$872,100**

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

ADMINISTRATION BLDG - BK

Asset # : 1217

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	0-2	$392,100	LIFE	* *	5	$130,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout								
Metal/Glass Curt Wall	43%	0-2	$354,800	LIFE	* *	5	$209,600	
Caulking Deteriorated, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout								
Granite Panels	5%			LIFE	* *	5	$9,700	
Window Wall	2%			2034	* *	5	$19,500	
Windows								
Aluminum	98%	0-2	$915,300	2040	* *	5	$54,600	
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Metal Louvers	2%			2033	* *	10	$13,900	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$7,900	
Metal Panel	20%			2034	* *	5	$8,800	
Metal Rail	10%			2037	* *	5-10	$20,400	
Roof								
IRMA/Protected Membrane	75%			2029	* *	10	$29,900	
Modified Bitumen	25%			2029	* *	10	$10,000	
Drains Clogged, Extent : Moderate, Area Affected : 100%								
Location : Cooling Tower Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Cooling Tower Roof								
Interior								
Floors								
Carpet	10%			2020	$543,200	3	$85,100	
Cast in Place Concrete	5%			LIFE	* *	5	$46,500	
Ceramic Tile	5%			2027	* *	5	$21,300	
Terrazzo	5%			LIFE	* *	5	$16,600	
Vinyl Tile	70%			2024	$2,532,900	3	$111,700	
Vinyl Tile	5%			2019	$180,900	3	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, 19th Floor								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$12,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,400	
Gypsum Board	25%			LIFE	* *	5	$63,200	
Metal Panel	25%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$50,600	

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DEPARTMENT OF EDUCATION - 040

ADMINISTRATION BLDG - BK

Asset # : 1217

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	75%	0-2	$516,400	2029	* *	5	$159,600	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Various Locations Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Under Ceiling Units								
Exposed Concrete	5%	Now	$205,400	LIFE	* *	5	$3,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : C Level File Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : C Level File Room								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : C Level File Room								
Glass: Susp Panels	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$79,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2024	$52,500	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch For Service " A "								
Fused Disc Sw	25%			2024	$52,500	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch For Service " B "								
Fused Disc Sw	25%			2024	$52,500	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch For Service " C "								
Molded Case Bkrs	25%			2024	$52,500	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch For Service " C "								
Switchgear / Switchboard								
Fused Disc Sw	20%			2024	$107,500	5	$200	
Fused Disc Sw	10%			2034	* *	5	$100	
Fused Knife Sw	65%	2-4	$349,400	2054	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	5%			2024	$26,900	5	$400	

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DEPARTMENT OF EDUCATION - 040

ADMINISTRATION BLDG - BK

Asset # : 1217

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$567,400	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$71,800	5	$1,000	
Fused Knife Sw	20%	2-4	$95,700	2049	* *	5	$700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	55%			2023	$263,100	5	$4,100	
Molded Case Bkrs	10%			2032	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$584,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2024	$292,300	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$20,600	5	$1,300	
Locally Mounted	30%			2029	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Lighting								
Interior Lighting								
Fluorescent	61%			2024	$2,193,400	10	$159,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	15%			2019	$539,400	10	$39,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2032	* *	10	$52,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2019		10	$200	
Incandescent	2%			2019	$71,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$191,700	10	$34,300	
Exit, Service	50%			2024	$47,400	1		
Exterior Lighting								
HID	30%			2024	$322,900	10	$300	
HID	70%			2019	$753,500	10	$600	
Alarm								

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DEPARTMENT OF EDUCATION - 040

ADMINISTRATION BLDG - BK

Asset # : 1217

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$31,900	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$72,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$88,100	
Conversion Equipment								
Steam Boiler	100%	Now	$69,200	2022	$1,384,100	1	$253,400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : #4 Leaking At The Back. #2 Is Out Of Service Since 2009								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	70%			2023	$999,800	4	$9,800	
Steam Piping/Pump	30%			2024	$595,600	4	$4,200	
Terminal Devices								
Air Handler	30%			2024	$459,900	1	$52,700	
Fan Coil Unit/Heat	70%			2024	$2,980,100	1	$64,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2027	* *	1	$307,700	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units In Basement, #2 Is Under Repair								
Distribution								
Chilled Wtr Pipe/Pump	100%			2034	* *	4	$21,000	
Terminal Devices								
Direct Expansion	30%			2029	* *	1		
Fan Coil - Cooling	70%	Now	$30,700	2024	$1,532,500	1	$57,900	
Damaged, Extent : Severe, Area Affected : 40%								
Location : Drip Pans, Various Locations								
Heat Rejection								
Water Cool Tower	100%			2022	$816,100	2	$286,100	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

ADMINISTRATION BLDG - BK

Asset # : 1217

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$4,900	LIFE	* *	2-5	$15,900	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : The Diffuser Of #1 A H U								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$142,700	
Exhaust Fans								
Interior	95%			2024	$298,600	2	$8,300	
Roof	5%			2024	$11,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$88,200	4	$28,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : 20th Floor Roof								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) Sub C, C, M, 1 To 18; (3) 1-9; (2) 10-18; (1) Freight Sc, Cr, Cf, Lp								
Explanation : 6 Pass. 1 Freight								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$143,300	
Sprinkler								
No Component	90%							
Generic	10%			2024	$332,000	1-2	$8,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Sub Cellar And Cellar								
Explanation : 2 Floor Only								
Fire Pump								
Generic	100%			2027	* *	1	$53,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 19th Floor								
Explanation : 1 Unit								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**ADULT TRAINING CENTER - BK**			
Address	:	**475 NOSTRAND AVE BTWN: HALSEY ST., MACON ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K743**
Program / Asset #	:	**BOE0657.000 / 1215**	**Yr Built/Renovated**	:	**1886 / 2003**
Area Sq Ft	:	**72,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Oct-2014**	**Landmark Status**	:	**EXTERIOR LANDMARK**
Areas Surveyed	:	**Basement, Sub Basement, Floors 1,2,3,4**			
Block	:	**1844** **Lot** : **1**	**BIN**	:	**3053020**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,262,600	$231,000
Interior Architecture	$1,145,000	$264,900
Electrical	$258,500	$439,000
Mechanical		$1,467,700
Total	**$2,666,100**	**$2,402,700**
Importance Code A	$1,262,600	$271,400
Importance Code B	$969,600	$2,082,800
Importance Code C	$433,900	$48,400
Total	**$2,666,100**	**$2,402,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$62,800			
Interior Architecture	$45,400			$9,100
Electrical	$2,300	$800	$1,000	$800
Mechanical	$65,300	$10,000	$8,800	$8,600
Total	**$175,800**	**$10,800**	**$9,800**	**$18,500**
Importance Code A	$69,200	$6,400	$6,400	$6,400
Importance Code B	$97,600	$4,400	$3,400	$12,100
Importance Code C	$9,100			
Total	**$175,800**	**$10,800**	**$9,800**	**$18,500**

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DEPARTMENT OF EDUCATION - 040

ADULT TRAINING CENTER - BK

Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$99,300	
Copper/Terne	5%			2046	* *	10	$10,600	
Masonry: Brick	70%	Now	$419,100	LIFE	* *	5	$63,600	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Below Eaves At Bowtie Ridge Intesecting East Wing From N. To S.								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Below Eaves At Bowtie Ridge Intesecting East Wing From N. To S.								
Masonry: Brownstone	13%			LIFE	* *	5	$17,700	
Masonry: Fieldstone	5%			LIFE	* *	5	$6,800	
Windows								
Wood	100%	Now	$722,200	2051	* *	5	$117,800	1
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Severe, Area Affected : 20%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$23,100	
Masonry: Brick	15%			LIFE	* *	5-10	$5,600	
Masonry: Brownstone	15%	Now	$6,900	LIFE	* *	5	$2,000	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : At Bell Tower, Above Room 319								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Above Main Entrance								
Explanation : Bell Tower								
Wood Cornice	55%			2036	* *	5-10	$39,500	
Roof								
Built-Up (BUR)	10%	Now	$4,900	2026	$24,500			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Flat Roof Between Main Building And Addition @ Macon								
Copper/Terne	50%	Now	$71,700	2041	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%								
Location : Macon St Facade, Addition @ Elevated Track								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Third Floor Corridor, Room 319								
Skylight, Metal/Glass	5%			2036	* *	10	$8,100	
Slate	35%			LIFE	* *	10	$17,100	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Bow Tie Ridge Spanning North - South, East Wing Of Building								
Interior								

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DEPARTMENT OF EDUCATION - 040

ADULT TRAINING CENTER - BK

Asset # : 1215

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$4,800	
Vinyl Tile	20%	Now	$36,000	2026	$180,100	3	$7,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%	Now	$135,100	2036	* *	3	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement Addition								
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Basement / Addition								
Uneven Surface, Extent : Severe, Area Affected : 35%								
Location : Throughout Basement Addition								
Vinyl Tile 9" X 9"	20%	Now	$233,400	2036	* *	3	$7,300	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Third And Fourth Floor Corridors								
Wood	40%	Now	$139,800	2041	* *	5	$36,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	$73,000	2029	* *	5	$6,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Female Restroom On Third Floor, Staircase 3								
Glass: Single Pane	10%			LIFE	* *	5	$18,200	
Masonry: Brick	20%	Now	$206,300	LIFE	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Below Window Sills In Stairwells								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Stairwells								
Explanation : Ceramic Brick								
Plaster	50%	Now	$106,100	LIFE	* *	5	$18,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Decorative Wood Arch Over Entrance Fell Off Wall Due To Deficient Anchors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	10%			LIFE	* *	5	$96,900	
Ceilings								
Embossed Metal	50%			LIFE	* *	5	$43,600	
Exposed Struc: Wood	10%			LIFE	* *	10	$14,500	
Plaster	40%	Now	$166,800	LIFE	* *	5	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor And Room 300, 319								

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DEPARTMENT OF EDUCATION - 040

ADULT TRAINING CENTER - BK

Asset # : 1215

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$40,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$160,200	5	$300	
Raceway								
Conduit	80%			2026	$108,200	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Fused Disc Sw	20%			2034	* *	5	$300	
Fused Toggle Switch	30%	2-4	$44,100	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2042	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$133,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	5%			2034	* *	10	$3,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	94%			2034	* *	10	$55,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2026	$5,600	10		
Egress Lighting								
Emergency, Battery	30%			2026	$28,600	10	$4,700	
Exit, Service	70%			2026	$13,400	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$71,400	1	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	0-2	$81,500	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil #2, 1 Tank 5000 Gal								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$64,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$1,000	2026	$49,400	4	$300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Faulty Steam Traps								
Steam Piping/Pump	90%			2026	$444,700	4	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Beyond Useful Life Cycle Rating								
Terminal Devices								
Convector/Radiator	95%			2024	$635,100	1	$19,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throuhout, Steam Radiators Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	5%	Now	$5,300	2021	$53,000	1	$900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Stairwell, One Of Three Defective Unit Heater Controls								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam Unit Heaters Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

ADULT TRAINING CENTER - BK

Asset # : 1215

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$5,800	2021	$116,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects.								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%	Now	$33,800	2024	$169,100	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Domestic Hot And Cold Water Piping Beyondr Useful Life Cycle Rating								
Water Heater								
Gas Fired	100%			2021	$16,500	2		$900
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 175 Gals								
Sanitary Piping								
Cast Iron	100%	0-2	$7,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 25%								
Location : Basement, Clogged Floor Drains In 3 Of 7 Toilet Rooms								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : First Floor Toilet Room, Leaky Toilet Drain Piping								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%	Now	$2,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : South Side Of The Building, Clogged Leaders And Gutters Creating Water Damage On South Exterior Wall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of Pitched Roof								
Explanation : Leaders And Gutters Around Perimeter Of The Pitched Roof Connected To Cast Iron Piping								
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2026	$12,100	4		$1,600
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room, One Of Two Defective Sump Pumps								
Backflow Preventer								
No Component	80%							
Generic	20%			2026	$1,400	1		$800
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Back Flow Preventer Serves The Boiler And Hot Water Heater Only								

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

DEPARTMENT OF EDUCATION - 040

ADULT TRAINING CENTER - BK

Asset # : 1215

Mechanical	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Fixtures									
Generic	100%								
Fire Suppression									
Sprinkler									
No Component	99%								
Generic	1%	Now	$400	2036		* *	1-2	$200	
No Backflow Preventer, Extent : Light, Area Affected : 100%									
Location : Basement									
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Basement									
Explanation : Fire Sprinkler Alarm Does Not Activate When An Alarm Condition Exists									

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ALFRED E. SMITH HIGH SCHOOL - BX**
Address : **333 E. 151ST STREET BTWN: COURTLANDT AVE., MORRIS AV**
Borough : **BRONX** | **Agency's Number** : **X600**
Program / Asset # : **BOE0333.000 / 2684** | **Yr Built/Renovated** : **1932 / 2005**
Area Sq Ft : **282,468** | **Project Type** : **EDUCATION**
Date of Survey : **16-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2411** **Lot** : **22** | **BIN** : **2001874**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$296,700	$849,100
Interior Architecture	$2,155,500	$321,500
Electrical	$761,900	$6,640,500
Mechanical	$931,300	$4,914,900
Total	**$4,145,400**	**$12,726,000**
Importance Code A	$296,700	$2,287,600
Importance Code B	$3,686,900	$10,378,900
Importance Code C	$161,800	$59,500
Total	**$4,145,400**	**$12,726,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$85,100		$15,600	
Interior Architecture	$42,700		$39,200	$30,800
Electrical	$43,700	$2,100	$2,500	$2,800
Mechanical	$79,000	$70,700	$68,100	$47,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$258,300**	**$80,700**	**$133,400**	**$88,600**
Importance Code A	$112,600	$27,600	$43,200	$27,600
Importance Code B	$112,800	$53,200	$74,400	$54,700
Importance Code C	$32,900		$15,800	$6,300
Total	**$258,300**	**$80,700**	**$133,400**	**$88,600**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$78,900	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$123,300	
Masonry: Brick	43%			LIFE	* *	5	$135,700	
Masonry: Brick Cavity	35%			LIFE	* *	5	$110,500	
Masonry: Limestone	5%			LIFE	* *	5	$11,800	
Metal Coiling Doors	5%			2039	* *	5	$24,700	
Granite Panels	2%			LIFE	* *	5	$4,700	
Windows								
Aluminum	100%			2042	* *	5	$66,800	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$84,900	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,900	
Metal: Cage/Fence	5%			2039	* *	5-10	$5,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,200	
Roof								
Built-Up (BUR)	50%			2031	* *	10	$85,800	
Copper/Terne	5%			2054	* *	10	$21,500	
IRMA/Protected Membrane	35%			2026	$479,000	10	$60,100	
Paver: Asphalt	10%	Now	$30,800	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$182,200	
Ceramic Tile	5%			2035	* *	5	$20,800	
Terrazzo	3%			LIFE	* *	5	$19,500	
Vinyl Tile	45%			2031	* *	3	$70,300	
Vinyl Tile 9" X 9"	27%	Now	$1,238,600	2036	* *	3	$42,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors (1963 Wing)								
Wood	10%			2054	* *	5	$78,100	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$12,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$33,800	
Folding Partition	3%			2034	* *	5	$31,600	
Masonry: Brick	10%			LIFE	* *	10	$12,700	
Marble Panels	2%			LIFE	* *	10	$3,400	
Plaster	47%			LIFE	* *	5-10	$168,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$52,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
ALFRED E. SMITH HIGH SCHOOL - BX
Asset # : 2684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$355,700	2039	* *	5	$55,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Corridors (1963 Wing)								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors (1963 Wing)								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Corridors (1963 Wing)								
AcousTileSusp.Lay-In	5%			2031	* *	5	$17,600	
Exposed Concrete	35%			LIFE	* *	5-10	$153,900	
Plaster	35%			LIFE	* *	5-10	$211,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated 2 @ 3000 Amperes And 1 @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,200	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$300	
Fused Disc Sw	10%			2025	$47,800	5	$600	
Molded Case Bkrs	75%			2042	* *	5	$5,600	
Molded Case Bkrs	10%			2025	$47,800	5	$700	
Wiring								
Braided Cloth	80%	2-4	$623,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	5%			2039	* *	5	$100	
Locally Mounted	35%			2024	$80,600	5	$700	
Locally Mounted	60%	2-4	$138,100	2046	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$3,028,800	10	$250,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamp								
HID	2%			2026	$44,400	10	$200	
Egress Lighting								
Emergency, Battery	50%			2021	$187,600	10	$33,600	
Exit, Service	50%			2021	$37,500	1		
Exterior Lighting								
HID	100%			2021	$1,066,800	10	$900	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$170,900	1	$21,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$585,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Bells, Strobe Lights, Smoke Detectors, Manual Pulls Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$86,200	
Conversion Equipment								
Steam Boiler	100%			2024	$1,354,500	1	$275,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 5 - #4 Oil Burning Steam Boilers								
All Five Steam Boilers Were Converted To #4 Oil Recently								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	20%	0-2	$388,500	2056	* *	4	$2,700	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Thermostats, Traps, Throughout								
Steam Piping/Pump	80%			2026	$1,554,200	4	$16,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Terminal Devices								
Air Handler	30%			2021	$450,100	1	$51,600	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement And Fourth Floor Fan Rooms								
Convector/Radiator	60%			2031	* *	1	$53,900	
Fan Coil Unit/Heat	10%	Now	$416,600	2036	* *	1	$8,100	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Defective Unit Ventilator Motors								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Split Unit	10%			2034	* *			
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Vocational Shops And Offices								
Window/Wall Unit	10%	0-2	$57,200	2026	$57,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Offices And Classrooms, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	60%			2021	$343,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$245,600	
Exhaust Fans								
Interior	30%			2021	$92,300	2	$2,600	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Basement And Fourth Floor Fan Rooms								
Roof	5%	0-2	$11,100	2036	* *	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof, 4 Of 10 Defective Exhaust Fan Motors								
Roof	35%			2021	$77,400	2	$3,000	
On Extended Life, Extent : Moderate, Area Affected : 35%								
Location : Roof								
No Component	30%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$831,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	$41,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Heat Exchanger Tanks Are Being Refurbished. Steam Bundles To Remain								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Old Wing Of The Building								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Old Wing Of The Building								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	50%			2031	* *	4	$800	
Rigid Piping	50%			2021	$5,500	4	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room In The Newer Wing Of The Building								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Sewer Ejector Room								
Backflow Preventer								
No Component	90%							
Generic	10%			2031	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement In Old Wing Of The Building								
Explanation : Backflow Preventer Serve Science Laboratory								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : New Wing								
Explanation : Basement Through Fourth Floor, Defective Card Reader								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Old Wing								
Explanation : Basement Through Third Floor								
Fire Suppression								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2036	* *	1-2	$31,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Sprinkler Room								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ANDREW JACKSON HIGH SCHOOL - Q**
Address : **207-01 116TH AVE.**
Borough : **QUEENS**
Agency's Number : **Q490**
Program / Asset # : **BOE0887.000 / 1479**
Yr Built/Renovated : **1937 / 2014**
Area Sq Ft : **260,000**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **11049** **Lot** : **1** **BIN** : **4238003**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$208,500	$208,500
Interior Architecture	$813,000	$2,322,900
Electrical	$770,800	$5,914,100
Mechanical	$83,400	$3,748,000
Total	**$1,875,600**	**$12,193,500**
Importance Code A	$208,500	$292,500
Importance Code B	$1,374,000	$11,834,600
Importance Code C	$293,100	$66,400
Total	**$1,875,600**	**$12,193,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,100			
Interior Architecture	$47,400		$19,300	$24,000
Electrical	$6,700	$2,900	$3,900	$5,900
Mechanical	$119,100	$45,500	$59,900	$49,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$241,300**	**$52,400**	**$87,000**	**$83,000**
Importance Code A	$89,400	$25,400	$25,400	$25,400
Importance Code B	$141,400	$27,000	$51,900	$57,600
Importance Code C	$10,500		$9,700	
Total	**$241,300**	**$52,400**	**$87,000**	**$83,000**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$206,000	
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : At Ledges								
Copper/Terne	2%			2046	* *	10	$6,200	
Masonry: Brick	80%			LIFE	* *	5	$211,000	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick Is Being Installed.								
Masonry: Granite	3%			LIFE	* *	5	$5,900	
Masonry: Limestone	5%			LIFE	* *	5	$9,900	
Windows								
Aluminum	95%			2042	* *	5	$54,800	
Glass Block	5%	Now	$28,800	LIFE	* *	5	$1,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Pool Area								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Pool Area								
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$117,400	
Ceramic Tile	5%			2029	* *	5	$19,200	
Mosaic Tile	3%			2031	* *	5	$28,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Pool Deck								
Terrazzo	7%	Now	$124,700	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Traffic Topping	3%			2031	* *	5	$14,400	
Vinyl Tile	25%			2026	$814,800	3	$47,900	
Vinyl Tile 9" X 9"	25%			2021	$1,055,600	3	$47,900	
Wood	25%			2041	* *	5	$179,700	

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$122,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Columns In Filter Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Columns In Filter Room								
Explanation : Corroded Encased Steel Columns								
Ceramic Tile	5%			2029	* *	5	$19,400	
Masonry: Brick	5%			LIFE	* *	10	$5,800	
Marble Panels	3%			LIFE	* *	10	$4,700	
Plaster	55%			LIFE	* *	5-10	$181,500	
Plaster	2%			LIFE	* *	5-10	$6,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$48,500	
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$32,400	
Exposed Concrete	15%			LIFE	* *	5-10	$60,700	
Exposed Struc: Steel	2%			LIFE	* *	10	$13,000	
Plaster	65%			LIFE	* *	5-10	$361,700	
Plaster	3%			LIFE	* *	5-10	$16,700	
Plaster	5%	Now	$42,500	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Pool Ceiling								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Pool Ceiling								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 5000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,100	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$600	
Molded Case Bkrs	80%			2025	$382,700	5	$5,500	
Molded Case Bkrs	10%			2034	* *	5	$700	

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$701,700	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$115,100	5	$900	
Locally Mounted	30%	2-4	$69,100	2046	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$2,787,900	10	$230,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$40,900	10	$200	
Egress Lighting								
Emergency, Battery	50%			2026	$172,700	10	$30,900	
Exit, Service	50%			2026	$34,500	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$236,000	1	$29,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2021	$807,900			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns And Alarm Bells								

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

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

DEPARTMENT OF EDUCATION - 040

ANDREW JACKSON HIGH SCHOOL - Q

Asset # : 1479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$253,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room Pit								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$35,800	2036	* *	4	$12,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Pool Pump Area								
Terminal Devices								
Air Handler	20%	Now	$5,500	2021	$276,200	1	$28,500	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Fan Rooms - Deteriorated Flexible Connections								
Convector/Radiator	50%	Now	$24,200	2024	$1,209,500	1	$37,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Rooms 330, 335 And Other Locations - Defective Thermostats								
Fan Coil Unit/Heat	30%			2021	$1,150,400	1	$24,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	Now	$3,900	2021	$79,000	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Defective Air Conditioning Units								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$169,600	
No Component	25%							
Exhaust Fans								
Interior	70%	0-2	$4,000	2021	$198,200	2	$4,400	
Damaged, Extent : Light, Area Affected : 20%								
Location : Deteriorated Flexible Connections								
Roof	5%			2031	* *	2	$400	
No Component	25%							
Plumbing								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	Now	$7,600	2024	$153,000	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Low Pressure On Third Floor								
Explanation : House Booster Pumps Have Been Removed And Water Pressure Is Insufficient For Needs								
Water Heater								
Gas Fired	100%			2024	$59,600	2	$3,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2024	$484,900	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Pump Area								
Explanation : Filters Are Scheduled To Be Replaced								
Fixtures								
Generic	40%							
Generic	60%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Boys And Girls Toilet Rooms Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$89,700	1-2	$2,100	
Fire Pump								
Generic	100%			2029	* *	1	$47,800	
Chemical System								
Generic	100%	0-2	$26,100	2026	$26,100	1-3	$46,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Old Unit								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**ART & DESIGN HIGH SCHOOL - M**			
Address	:	**1075 SECOND AVE @E. 57 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M630**
Program / Asset #	:	**BOE0960.000 / 2737**	**Yr Built/Renovated**	:	**1960 / 1993**
Area Sq Ft	:	**271,800**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**24-Aug-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5,7**			
Block	:	**1330** **Lot** : **13**	**BIN**	:	**1038593**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$577,900	$1,039,700
Interior Architecture	$1,245,200	$3,436,200
Electrical	$892,300	$2,948,300
Mechanical	$625,500	$2,660,600
Total	**$3,340,900**	**$10,084,900**
Importance Code A	$577,900	$1,305,400
Importance Code B	$2,145,400	$8,690,000
Importance Code C	$617,600	$89,500
Total	**$3,340,900**	**$10,084,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,800	$6,700		
Interior Architecture	$23,400	$41,000		$46,600
Electrical	$11,100	$20,800	$9,100	$7,600
Mechanical	$33,700	$24,500	$90,300	$19,000
Elevators/Escalators	$13,800	$13,800	$13,800	$13,800
Total	**$97,800**	**$106,800**	**$113,300**	**$87,000**
Importance Code A	$15,800	$7,200		
Importance Code B	$69,600	$99,500	$113,300	$87,000
Importance Code C	$12,400			
Total	**$97,800**	**$106,800**	**$113,300**	**$87,000**

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

DEPARTMENT OF EDUCATION - 040
ART & DESIGN HIGH SCHOOL - M
Asset # : 2737

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$117,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Building To Be Closed In 2012 For Demolition								
Masonry: Brick	15%			LIFE	* *	5	$37,500	
Masonry: Granite	5%			LIFE	* *	5	$9,400	
Metal, Corrugated	5%			2033	* *	1		
Metal Panel	65%			2043	* *	5-10	$1,116,400	
Windows								
Aluminum	80%	Now	$202,400	2039	* *	5	$12,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Steel	20%	Now	$15,800	2031	* *	5	$37,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$35,500	
Metal Panel	45%			2043	* *	5	$13,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	10%			2036	* *	5-10	$13,800	
Roof								
Built-Up (BUR)	100%	Now	$71,100	2028	* *			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium, Auditorium And Cafeteria								
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$21,900	
Terrazzo	5%			LIFE	* *	5	$17,100	
Vinyl Tile	85%	Now	$158,400	2023	$3,167,500	3	$139,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria And Classrooms Throughout								
Wood	5%			2038	* *	5	$41,100	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$24,900	
Concrete Masonry Unit	45%			LIFE	* *	5	$89,500	
Plaster	20%	Now	$39,900	LIFE	* *	5	$29,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Kitchen								
SGFT/Glazed Masonry	30%	Now	$577,700	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairs And Columns Throughout								

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

DEPARTMENT OF EDUCATION - 040
ART & DESIGN HIGH SCHOOL - M
Asset # : 2737

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2028	* *	5	$41,000	
Exposed Concrete	45%	Now	$296,600	LIFE	* *	5	$28,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Exposed Struc: Steel	10%	4+	$172,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	35%			LIFE	* *	5	$179,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	30%			2043	* *	5	$400	
Molded Case Bkrs	70%			2023	$342,100	5	$5,000	
Raceway								
Conduit	80%			2023	$462,400	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$600	
Molded Case Bkrs	90%			2022	$430,500	5	$6,400	
Wiring								
Braided Cloth	80%	2-4	$623,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2023	$78,000	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$230,200	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								

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DEPARTMENT OF EDUCATION - 040
ART & DESIGN HIGH SCHOOL - M
Asset # : 2737

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2028	* *	10	$53,700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Hallways								
Explanation : T-8 Lamps								
Fluorescent	80%			2028	* *	10	$214,800	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$9,900	
Exterior Lighting								
HID	100%			2023	$1,026,500	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$246,700	1	$30,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$50,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2033	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	$181,600	5	$17,400	
Distribution								
Steam Piping/Pump	100%	Now	$102,200	2023	$2,044,500	4	$14,400	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2018	$394,700	1	$45,300	
Convector/Radiator	75%			2028	* *	1	$70,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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

DEPARTMENT OF EDUCATION - 040
ART & DESIGN HIGH SCHOOL - M
Asset # : 2737

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2028	* *	2	$9,000	
Window/Wall Unit	15%			2018	$90,300	1		
No Component	35%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$190,500	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$163,300	
Exhaust Fans								
Interior	100%			2023	$323,700	2	$9,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$43,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : One Pump								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : B-7								
Explanation : 1 Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$147,600	
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
ART & DESIGN HIGH SCHOOL - M
Asset # : 2737

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM**
Address : **2005 MADISON AVE, 10035 BTWN: E.127 ST. - E.128 ST.**
Borough : **MANHATTAN**
Agency's Number : **M469**
Program / Asset # : **BOE0135.000 / 1627**
Yr Built/Renovated : **1966 / 2014**
Area Sq Ft : **170,000**
Project Type : **EDUCATION**
Date of Survey : **18-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **1752** **Lot** : **22** **BIN** : **1054156**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,316,200	$344,300
Interior Architecture	$486,700	$1,566,600
Electrical	$277,900	$1,627,000
Mechanical	$398,700	$5,348,600
Total	**$3,479,500**	**$8,886,500**
Importance Code A	$2,390,700	$1,131,100
Importance Code B	$1,088,800	$7,755,400
Total	**$3,479,500**	**$8,886,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$27,500	
Interior Architecture	$102,500		$29,100	$23,000
Electrical	$20,400	$29,500	$14,300	$15,600
Mechanical	$63,500	$90,000	$72,200	$97,600
Total	**$186,300**	**$119,500**	**$143,000**	**$136,300**
Importance Code A	$800	$16,000	$43,400	$16,000
Importance Code B	$167,400	$103,500	$99,100	$120,300
Importance Code C	$18,100		$500	
Total	**$186,300**	**$119,500**	**$143,000**	**$136,300**

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

ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM

Asset # : 1627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$188,300	
Masonry: Brick	65%			LIFE	* *	5	$163,200	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : Throughout*								
Metal: Cage/Fence	10%			2039	* *	5	$54,900	
Window Wall	10%			2056	* *	5	$47,100	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Windows								
Aluminum	5%			2051	* *	5		
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Stairs*								
No Component	95%							
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$250,700	
Roof								
IRMA/Protected Membrane	10%	Now	$258,400	2036	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25% *Location : Over Third Floor*								
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Throughout*								
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Room 338*								
IRMA/Protected Membrane	85%	Now	$1,756,800	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 15% *Location : Rooms 305, 309, 314*								
Worn/Eroded, Extent : Moderate, Area Affected : 25% *Location : Over Third Floor*								
Skylight, Metal/Glass	5%			2046	* *	10	$43,200	
Interior								

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DEPARTMENT OF EDUCATION - 040

ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM

Asset # : 1627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%			2039	* *	5	$8,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Toilets								
Panel/Paver: Cer/Brk	5%			2034	* *	5	$33,400	
Vinyl Tile	20%			2031	* *	3	$22,300	
Vinyl Tile	62%			2021	$1,566,600	3	$92,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%	Now	$196,000	2041	* *	5	$27,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Toilets								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,200	
Glass: Single Pane	5%			LIFE	* *	5	$2,300	
Masonry: Brick	5%			LIFE	* *	10	$500	
Plaster	60%			LIFE	* *	5-10	$15,800	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$3,100	
Wood	2%			LIFE	* *	5	$5,000	
Ceilings								
AcousTileConcealSpLn	15%	0-2	$70,000	2039	* *	5	$27,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	55%			LIFE	* *	5-10	$198,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 305, 314, 338								
Exposed Struc: Steel	5%			LIFE	* *	10	$28,800	
Gypsum Board	5%	0-2	$14,600	LIFE	* *	5	$18,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Metal Panel	5%			LIFE	* *	5	$36,000	
Plaster	15%			LIFE	* *	5-10	$74,300	

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

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DEPARTMENT OF EDUCATION - 040

ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM

Asset # : 1627

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000a & One 1600a Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$700	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$12,700	5	$200	
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	80%			2025	$203,300	5	$3,600	
Molded Case Bkrs	10%			2042	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$277,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$600	
Locally Mounted	50%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$52,300	
Generators								
Diesel	100%			2039	* *	1	$65,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 150 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$6,300	
Fuel Storage								
Day Tank	100%			2048	* *	5	$31,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 150 Gals								
Lighting								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$145,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$27,100	10	$100	
Incandescent	5%			2021	$94,400	2	$200	
Egress Lighting								
Emergency, Service	55%			2034	* *	1		
Emergency, Battery	5%			2034	* *	10	$2,100	
Exit, Service	40%			2021	$18,300	1		
Exterior Lighting								
HID	100%			2021	$642,000	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$19,100	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$52,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2- 15,000 Gallon Tanks For #2 Fuel Oil								
Conversion Equipment								
Heat Exchanger	10%			2029	* *	1	$8,400	
Steam Boiler	90%	Now	$74,500	2024	$744,800	1	$136,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers, Retubing Needed								
Distribution								
Hot Wtr Piping/Pump	40%	0-2	$17,100	2034	* *	4	$3,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : 1 Out Of 4 Pumps Not Working								
Steam Piping/Pump	60%	Now	$35,600	2036	* *	4	$5,000	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Boiler Room								

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DEPARTMENT OF EDUCATION - 040

ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM

Asset # : 1627

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	$127,300	2021	$2,545,500	1	$49,400	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Fan Pans								
Air Conditioning								
Energy Source								
Electricity	10%			2042	* *	1		
Steam/HW System	90%			2036	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	90%			2029	* *	1	$165,600	
Int Pkg Unit - Heating/Cooling	5%			2027	* *	2	$500	
Ext Pkg Unit - Cooling	5%			2026	$39,200	2	$500	
Distribution								
Chilled Wtr Pipe/Pump	100%	0-2	$83,100	2036	* *	4	$8,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : 2 Out Of 4 Pumps Not Working								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$36,100	2026	$722,100	1	$94,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Fan Pans								
Heat Rejection								
Remote Air Cond	10%			2026	$101,600	2	$11,800	
Water Cool Tower	90%			2024	$439,200	2	$154,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$150,100	
Exhaust Fans								
Interior	60%			2026	$112,800	2	$3,100	
Roof	40%			2026	$54,100	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$507,700	1		
Water Heater								
Gas Fired	100%	Now	$11,900	2024	$39,500	2	$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Gas Supply Not Connected, 1- 400 Gallon Unit								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$16,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

ARTHUR SCHOMBURG HS (IS201) - M CHOIR ACADEMY OF HARLEM

Asset # : 1627

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%	Now	$700	2019	$6,700	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : One B-1 And 2nd 1-3								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$47,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **AUGUST MARTIN HIGH SCHOOL - Q**		
Address	: **156-10 BAISLEY BLVD-JAMAICA**		
Borough	: **QUEENS**	**Agency's Number**	: **Q400**
Program / Asset #	: **BOE0868.000 / 974**	**Yr Built/Renovated**	: **1940 / 2006**
Area Sq Ft	: **232,652**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,atc**		
Block	: **12261** **Lot** : **1**	**BIN**	: **4265978**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$225,300	$106,200
Interior Architecture	$1,279,000	$1,585,800
Electrical	$208,100	$3,339,900
Mechanical	$612,400	$2,340,400
Total	**$2,324,800**	**$7,372,300**
Importance Code A	$225,300	$190,200
Importance Code B	$2,099,500	$7,119,500
Importance Code C		$62,500
Total	**$2,324,800**	**$7,372,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,400	$9,900	$9,000	$16,800
Interior Architecture	$48,700	$32,200		$32,200
Electrical	$18,900	$33,400	$8,000	$6,500
Mechanical	$47,300	$76,600	$65,700	$40,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$144,100**	**$159,900**	**$90,600**	**$104,200**
Importance Code A	$43,700	$33,100	$31,700	$39,500
Importance Code B	$95,200	$126,800	$58,900	$64,700
Importance Code C	$5,200			
Total	**$144,100**	**$159,900**	**$90,600**	**$104,200**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$106,200	
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Metal Panel	3%			2033	* *	5-10	$24,300	
Metal Coiling Doors	2%			2036	* *	5	$7,400	
Windows								
Aluminum	35%			2039	* *	5	$18,100	
Aluminum	65%			2045	* *	5	$33,500	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$13,200	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Metal Rail	2%			2028	* *	5-10	$5,400	
Roof								
Built-Up (BUR)	60%			2028	* *	10	$106,000	
Copper/Terne	27%			2038	* *	10	$119,300	
Copper/Terne	3%	Now	$21,400	2038	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Tower								
Metal Panel	10%			2036	* *	10	$32,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$75,000	
Ceramic Tile	3%			2032	* *	5	$10,300	
Terrazzo	2%			LIFE	* *	5	$5,400	
Vinyl Tile	45%			2023	$1,312,400	3	$77,200	
Vinyl Tile	30%	Now	$874,900	2033	* *	3	$38,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%			2038	* *	5	$64,300	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$10,400	
Concrete Masonry Unit	7%			LIFE	* *	5	$9,700	
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$62,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$404,100	2043	* *	5	$21,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Basement Corridor								
Exposed Concrete	8%			LIFE	* *	5	$3,600	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$126,700	
Plaster	5%	Now	$19,000	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 4000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$488,700	5	$1,000	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$500	
Molded Case Bkrs	5%			2039	* *	5	$300	
Molded Case Bkrs	85%			2022	$406,600	5	$5,200	
Wiring								
Thermoplastic	90%			2023	$701,700	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	25%			2021	$57,600	5	$400	
Locally Mounted	50%			2028	* *	5	$800	
Locally Mounted	25%			2036	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Corroded								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$208,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2018	$25,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$154,600	10	$27,700	
Exit, Service	50%			2023	$30,900	1		
Exterior Lighting								
HID	100%			2023	$878,700	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$43,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$71,000	
Conversion Equipment								
Steam Boiler	100%	Now	$22,300	2028	* *	1	$204,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : #2 Boiler Tubes, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$80,000	2033	* *	4	$11,300	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2018	$247,100	1	$28,300	
Convector/Radiator	80%			2021	$1,731,700	1	$59,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	5%	Now	$800	2028	* *	1	$4,800	
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Lack Of Refrigerant, Lower Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Window/Wall Unit	10%			2018	$47,100	1		
No Component	85%							
Terminal Devices								
Direct Expansion	100%			2028	* *	1		
Heat Rejection								
Remote Air Cond	5%			2028	* *	2	$8,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$127,800	
Exhaust Fans								
Interior	80%			2018	$202,700	2	$5,600	
Roof	20%			2023	$36,400	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$71,100	4	$22,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : At Cafeteria								
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2018	$11,100	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : 1 Out Of 2 Units, Basement								
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2023	$22,200	1	$14,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-3 And (1) B-1- Not In Service								
Explanation : 2 Units								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2023	$408,900	1-5	$59,900	
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$6,400	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **AUGUST MARTIN HIGH SCHOOL - Q FIELD HOUSE**		
Address	: **156-10 BAISLEY BLVD. JAMAICA**		
Borough	: **QUEENS**	**Agency's Number**	: **Q400**
Program / Asset #	: **BOE0868.010 / 13398**	**Yr Built/Renovated**	: **1940 /**
Area Sq Ft	: **15,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **12261** **Lot** : **1**	**BIN**	: **4265978**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$521,500	$50,100
Interior Architecture	$319,600	$207,500
Electrical	$825,500	$183,100
Mechanical		$118,600
Total	**$1,666,600**	**$559,300**
Importance Code A	$521,500	$109,200
Importance Code B	$1,145,100	$400,900
Importance Code C		$49,100
Total	**$1,666,600**	**$559,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$16,400	$1,000	
Interior Architecture	$10,200		$1,000	$1,000
Electrical	$1,000	$45,000	$1,400	$1,400
Mechanical	$26,600	$6,100	$12,000	$6,100
Total	**$37,800**	**$67,400**	**$15,300**	**$8,500**
Importance Code A	$5,200	$20,400	$6,200	$4,000
Importance Code B	$22,400	$47,000	$9,100	$4,500
Importance Code C	$10,200			
Total	**$37,800**	**$67,400**	**$15,300**	**$8,500**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$169,400	LIFE	* *	5	$50,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : East Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Over Ramp Gate To Excercise Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : The Building Is Presently Vacant								
Masonry: Brick	60%			LIFE	* *	5	$24,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,500	
Metal Coiling Doors	10%	Now	$90,900	2028	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Windows								
Aluminum	10%			2039	* *	5	$2,000	
Glass Block	80%			LIFE	* *	5	$9,900	
Steel	10%			2031	* *	5	$24,700	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$15,000	
Masonry: Brick	40%			LIFE	* *	5	$5,800	
Metal Rail	20%			2036	* *	5-10	$52,400	
Metal: Cage/Fence	25%			2028	* *	5-10	$28,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,600	
Roof								
Cast in Place Concrete	95%	Now	$261,100	LIFE	* *			1
Expansion Jnt Failure, Extent : Severe, Area Affected : 25%								
Location : Bleachers								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Bleachers								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Boiler And Excercise Room, Exits								
Modified Bitumen	5%			2023	$29,100	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	$123,200	
Quarry Tile	10%			2036	* *	5	$12,100	
Vinyl Tile	10%	Now	$68,400	2033	* *	3	$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Excercise Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Excercise Room								
Vinyl Tile	10%			2028	* *	3	$3,000	

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

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	45%			LIFE	* *			
Ceramic Tile	10%			2032	* *	5	$20,400	
Gypsum Board	40%			LIFE	* *	5	$49,100	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
Exposed Concrete	40%			LIFE	* *	5	$5,000	
Exposed Concrete	25%	Now	$194,200	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : At Ramp Gate To Excercise Room, Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Over Ramp Gate To Excercise Room, Boiler Room								
Gypsum Board	35%	Now	$57,000	LIFE	* *	5	$35,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 400a								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$81,100	5	$400	
Raceway								
Conduit	100%			2023	$22,200	1		
Panelboards								
Molded Case Bkrs	100%			2022	$29,900	5	$400	
Wiring								
Thermoplastic	100%			2023	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2018	$537,500	10	$44,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	10%			2018	$42,900	10	$200	
Egress Lighting								
Emergency, Battery	40%			2018	$29,000	10	$5,200	
Exit, Service	60%			2018	$8,700	1		
Exterior Lighting								
HID	100%			2023	$56,700	10		
Alarm								
Security System								
Generic	100%	Now	$45,400	2033	* *	1	$5,000	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
Generic	100%			2018	$155,400	1-3	$9,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	25%			2023	$59,200	2	$6,200	
Steam Boiler	75%			2028	* *	1	$39,900	
Distribution								
Steam Piping/Pump	100%	Now	$18,800	2033	* *	4	$2,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Holes In The Steam Line, Vacuum Pump, Street Level								
Terminal Devices								
Convector/Radiator	25%			2028	* *	1	$4,300	
Fan Coil Unit/Heat	75%			2028	* *	1	$13,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,000	
Exhaust Fans								
Interior	100%			2023	$59,400	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$12,500	2	$800	

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2028	* *	1	$3,300	
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **AUTOMOTIVE HIGH SCHOOL - BK**
Address : **50 BEDFORD AVE @ MC CARREN PARK**
Borough : **BROOKLYN**
Agency's Number : **K610**
Program / Asset # : **BOE0648.000 / 688**
Yr Built/Renovated : **1938 / 1999**
Area Sq Ft : **144,000**
Project Type : **EDUCATION**
Date of Survey : **21-Sep-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2670** **Lot** : **1**
BIN : **3066698**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$367,900	$563,100
Interior Architecture	$816,500	$307,400
Electrical	$1,189,200	$347,800
Mechanical	$886,100	$785,600
Total	**$3,259,700**	**$2,003,800**
Importance Code A	$367,900	$592,500
Importance Code B	$2,891,800	$1,375,800
Importance Code C		$35,500
Total	**$3,259,700**	**$2,003,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,700		
Interior Architecture	$5,300	$9,800	$2,700	
Electrical	$7,300	$61,800	$9,100	$8,600
Mechanical	$58,600	$20,300	$32,900	$20,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$75,100**	**$101,500**	**$48,700**	**$32,900**
Importance Code A	$14,000	$20,100	$14,000	$14,000
Importance Code B	$61,100	$81,500	$34,600	$18,800
Importance Code C				
Total	**$75,100**	**$101,500**	**$48,700**	**$32,900**

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

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE HIGH SCHOOL - BK
Asset # : 688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$62,100	
Masonry: Granite	5%			LIFE	* *	5	$2,700	
Masonry: Limestone	5%			LIFE	* *	5	$2,700	
Metal Coiling Doors	5%			2028	* *	5	$11,400	
Windows								
Aluminum	100%	Now	$267,700	2039	* *	5	$16,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$5,600	
Masonry: Limestone	35%			LIFE	* *	5	$4,100	
Metal Rail	5%			2036	* *	5-10	$8,400	
Roof								
Built-Up (BUR)	100%	Now	$100,200	2023	$501,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 303, 309, 337, Bulkheads								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$139,300	
Ceramic Tile	5%			2032	* *	5	$10,600	
Terrazzo	5%			LIFE	* *	5	$8,300	
Vinyl Tile	10%			2028	* *	3	$8,000	
Vinyl Tile	20%			2018	$361,000	3	$15,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	30%	Now	$420,100	2038	* *	5	$59,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$35,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE HIGH SCHOOL - BK
Asset # : 688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2028	* *	5	$9,000	
Exposed Concrete	30%			LIFE	* *	5	$8,400	
Plaster	50%			LIFE	* *	5	$56,000	
Plaster	15%	Now	$35,300	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boys Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Locker Room, Bulkhead,Stairs 9 And 10								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2033	* *	5	$100	
Fused Knife Sw	90%	2-4	$197,900	2053	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$300	
Molded Case Bkrs	20%			2031	* *	5	$800	
Molded Case Bkrs	70%			2045	* *	5	$2,700	
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$1,000	
Ground								

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

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

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE HIGH SCHOOL - BK
Asset # : 688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	84%			2028	* *	10	$109,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2028	* *	10	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	3%			2018	$34,000	10	$100	
Incandescent	3%			2018	$47,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$95,700	10	$17,100	
Exit, Service	50%			2018	$19,100	1		
Exterior Lighting								
HID	100%			2018	$543,800	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,100	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$62,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$140,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$10,500	

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

DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE HIGH SCHOOL - BK
Asset # : 688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$3,100	2018	$153,000	1	$15,800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Louvers, Flexible Connections, Basement, Penthouse								
Convector/Radiator	55%			2028	* *	1	$25,200	
Fan Coil Unit/Heat	25%	Now	$26,500	2018	$531,000	1	$10,300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$145,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,100	
Exhaust Fans								
Interior	50%	Now	$1,600	2023	$78,400	2	$1,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Basement, Penthouse								
Roof	50%			2018	$56,400	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	$423,600	1		
Water Heater								
Gas Fired	100%			2021	$33,000	2	$2,100	
Sanitary Piping								
Cast Iron	100%	Now	$6,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Kitchen, Cafeteria								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Freight Unit- Used Only For Transporting Cars								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2023	$248,400	1-2	$6,000	

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DEPARTMENT OF EDUCATION - 040
AUTOMOTIVE HIGH SCHOOL - BK
Asset # : 688

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **AVIATION H.S. - Q**		
Address	: **36TH ST & QUEENS BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q610**
Program / Asset #	: **BOE0891.000 / 1457**	**Yr Built/Renovated**	: **1958 / 1997**
Area Sq Ft	: **261,324**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,6,PEN**		
Block	: **226** **Lot** : **1**	**BIN**	: **4436685**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,255,500	$783,700
Interior Architecture	$2,435,400	$1,026,600
Electrical	$948,600	$3,156,900
Mechanical	$64,800	$4,617,000
Total	**$4,704,200**	**$9,584,200**
Importance Code A	$1,255,500	$2,089,300
Importance Code B	$2,927,200	$7,453,200
Importance Code C	$521,500	$41,700
Total	**$4,704,200**	**$9,584,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,000		$34,300	
Interior Architecture	$74,800		$26,900	$42,700
Electrical	$44,900	$2,000	$2,800	$4,100
Mechanical	$90,800	$56,600	$80,200	$69,500
Elevators/Escalators	$58,900	$58,900	$58,900	$58,900
Total	**$320,400**	**$117,500**	**$203,100**	**$175,200**
Importance Code A	$76,600	$25,600	$59,900	$25,600
Importance Code B	$191,600	$91,900	$143,100	$138,700
Importance Code C	$52,200			$10,900
Total	**$320,400**	**$117,500**	**$203,100**	**$175,200**

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%	Now	$255,600	LIFE	* *	5	$42,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Loading Dock								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Northwest Corner Of Auditorium, Penthouse, Roof Bulkheads, Hangar								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Fly Loft								
Masonry: Brick	15%			LIFE	* *	5	$36,300	
Metal/Glass Curt Wall	40%			LIFE	* *	5	$181,600	
Not Insulated, Extent : Light, Area Affected : 100%								
Location : Entire Building. All Single Pane Glazing								
Caulking Deteriorated, Extent : Light, Area Affected : 30%								
Location : Mostly Hallway Areas And Various Locations Around Building								
Metal Sect. OHD	5%			2031	* *	5	$18,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Hangar								
Explanation : Sliding Hangar Doors								
Pre-Cast Concrete	5%	Now	$20,000	LIFE	* *	5	$19,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Hangar Window Sills								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Dust Stacks								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Dust Stacks								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Dust Stacks								
Explanation : Paint Peeling								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Aluminum	80%			2034	* *	5	$68,600	
Aluminum	18%	Now	$129,400	2042	* *	5	$7,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Aircraft Hangar, Gymnasium, Auditorium								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Aircraft Hangar								
Steel	2%	Now	$89,600	2051	* *	5	$10,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Glazing Broken/Cracked, Extent : Light, Area Affected : 10%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Masonry: Brick	40%	Now	$53,200	LIFE	* *	5	$4,600	
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : In-board Of Auditorium Parapet And Main Building Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : In-board Of Auditorium Parapet And Main Building Throughout								
Masonry: Limestone	2%			LIFE	* *	5-10	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 15%								
Location : Caulk Used Instead Of Repointing								
Metal/Glass Curt Wall	38%			2046	* *	5	$16,900	
Metal Panel	10%			2026	$88,700	5	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Surrounding Main Roof Opposite Side Of Curtain Wall								
Explanation : Aluminum Coping								
Metal Rail	10%			2031	* *	5-10	$20,800	

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	65%	0-2	$271,900	2026	$543,800			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Room 608 And 618								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Roof Over Hangar And Connecting Tunnel								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 608 And 610								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Covered With Stone Ballast								
Metal Panel	5%	Now	$10,300	2039	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Over Stair B								
Modified Bitumen	23%	Now	$244,700	2036	* *			
Alligatoring, Extent : Severe, Area Affected : 100%								
Location : Auditorium Roof								
Blisters, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Roof								
Plaza Roof: Stone Panels	5%	Now	$120,200	2056	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Test Cell								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Main Entrance								
Explanation : Planter Box								
Skylight, Metal/Glass	2%			2036	* *	10	$12,200	
Interior								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	35%	Now	$284,800	LIFE	* *	5	$299,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Aircraft Hangar, Connecting Corridor To Hangar								
Ceramic Tile	5%			2035	* *	5	$19,600	
Quarry Tile	5%			2039	* *	5	$29,300	
Terrazzo	5%			LIFE	* *	5	$30,600	
Vinyl Tile	30%	Now	$99,800	2034	* *	3	$44,000	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Offices And Corridors								
Loose Units, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Vinyl Tile 9" X 9"	15%			2021	$646,300	3	$29,300	
Wood	5%	Now	$645,000	2066	* *	5	$18,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$108,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Hangar								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Hangar								
Ceramic Tile	5%			2035	* *	5	$21,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$52,200	
Glass: Single Pane	2%			LIFE	* *	5	$13,000	
Glazed Ceramic Panel	5%			LIFE	* *	10	$19,600	
Masonry: Brick	3%	Now	$101,700	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Auditorium Fly Loft								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Auditorium Fly Loft								
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Auditorium Fly Loft								
Metal Panel	3%	Now	$180,100	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 80%								
Location : Auditorium								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 25%								
Location : Auditorium								
Plaster	32%			LIFE	* *	5-10	$118,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$54,400	

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$436,400	2039	* *	5	$39,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
Location : Corridor Connecting To Hangar, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	5%			2039	* *	5	$24,400	
AcousTileSusp.Lay-In	5%			2031	* *	5	$19,600	
Exposed Concrete	45%			LIFE	* *	5-10	$220,000	
Exposed Concrete	10%	Now	$125,900	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 608, 619 And B14 (off Corridor Leading To Hangar)								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Rooms 608, 619 And B14 (off Corridor Leading To Hangar)								
Exposed Struc: Steel	10%			LIFE	* *	10	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hangar								
Explanation : Acoustical Decking								
Plaster	5%	Now	$51,300	LIFE	* *	5	$12,200	
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	70%			2026	$58,800	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Service Switches Rated @ 900 Amperes Each								
Fused Disc Sw	30%			2046	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Service Switches Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2046	* *	5	$300	
Molded Case Bkrs	70%			2026	$342,100	5	$4,800	
Raceway								
Conduit	20%			2046	* *	1		
Conduit	80%			2026	$462,400	1		

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$600	
Fused Disc Sw	10%			2042	* *	5	$600	
Fused Knife Sw	5%	2-4	$23,900	2051	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	2-4	$14,400	2042	* *	5	$300	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2042	* *	5	$700	
Molded Case Bkrs	55%			2025	$263,100	5	$3,800	
Wiring								
Braided Cloth	80%	2-4	$623,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	95%			2024	$218,700	5	$1,700	
Locally Mounted	5%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	80%			LIFE	* *	5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hangar								
Explanation : Two In Hangar								
Generic	20%	Now	$200	LIFE	* *	5	$800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Meter Room								
Explanation : One In Water Meter Room Is Severely Corroded								
Stand-by Power								
Transfer Switches								
Manual	100%			2046	* *	5	$1,100	
Lighting								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2031	* *	10	$220,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2026	$145,100	10	$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								
HID	2%			2026	$41,700	10	$200	
Incandescent	1%			2021	$29,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$176,200	10	$31,500	
Exit, Service	50%			2021	$35,200	1		
Exterior Lighting								
HID	100%			2021	$986,900	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$158,100	1	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : CCTV Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$324,800	2031	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Corridors								
Explanation : Obsolete Fire Alarm Main Panel, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	98%			2046	* *	5	$79,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 15,000 Gallon Tanks For #4 Fuel, Bio-fuel Used								
Natural Gas	2%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Labs								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	2%			2031	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Gas Fired Rooftop Units Serve Lab Classrooms								
Steam Boiler	98%			2024	$1,246,700	1	$253,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers, Boilers Are Aged But Well Maintained. Recent Repairs On #3 And #4								
Distribution								
Steam Piping/Pump	40%	Now	$14,600	2026	$729,900	4	$5,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Pump								
Steam Piping/Pump	60%			2026	$1,094,800	4	$11,600	
Terminal Devices								
Air Handler	20%	Now	$5,600	2021	$281,800	1	$29,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Isolating Canvas								
Explanation : Cracked Canvas								
Air Handler	40%			2021	$563,600	1	$64,600	
Convector/Radiator	35%			2031	* *	1	$29,500	
Unit Heater-Stm/HW	5%			2026	$84,400	4	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$53,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$230,700	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	100%			2026	$288,900	2	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Roof Exhaust Fans Serve Lab Hoods								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Service								
Explanation : 2 Water Service Connections. One Has Meter								

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DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$60,800	2	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Condensing Boiler With 175 Gallon Storage Tank								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Available But Not In Use								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement, Kitchen								
Explanation : Grease Trap Serves Kitchen; Acid Waste System Serves Lab Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Single, One Duplex Pump								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 6								
Explanation : Unit Currently Under Repair								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : G-1								
Explanation : One Unit From G-1								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 14 Escalators / Each Serves 1 Level From 1 To 6; 2 Levels Awaiting Parts For Repair								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$131,800	

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

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

DEPARTMENT OF EDUCATION - 040

AVIATION H.S. - Q

Asset # : 1457

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2046	* *	1-2	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hangar								
Explanation : Has Deluge System In Hangar								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**BATHGATE HIGH SCHOOL X970 (X252, X241, X263)**			
Address	:	**1595 BATHGATE AVENUE @ E.172 ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**LEASED**
Program / Asset #	:	**BOE1058.000 / 14353**	**Yr Built/Renovated**	:	**2006 /**
Area Sq Ft	:	**138,452**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**01-Oct-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2**			
Block	:	**2913** **Lot** : **1**	**BIN**	:	**2009555**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$396,800	$559,600
Interior Architecture	$72,500	$220,300
Electrical		$127,000
Total	**$469,300**	**$906,900**
Importance Code A	$396,800	$559,600
Importance Code B	$72,500	$251,300
Importance Code C		$95,900
Total	**$469,300**	**$906,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$22,800	$6,300	$1,800
Electrical	$25,900	$11,200	$11,200	$15,200
Mechanical	$20,500	$19,500	$75,400	$14,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$54,300**	**$61,400**	**$100,800**	**$39,300**
Importance Code A	$7,100	$6,500	$7,100	$6,500
Importance Code B	$47,200	$54,900	$91,500	$32,800
Importance Code C			$2,100	
Total	**$54,300**	**$61,400**	**$100,800**	**$39,300**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$62,600	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$50,300	
Metal Panel	40%			2045	* *	5-10	$491,500	
Metal Panel	4%			2045	* *	5-10	$49,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mounted On Roof								
Explanation : These Are Site Barriers; Horizontal Metal Louvered Wall								
Metal Panel	6%			2045	* *	5-10	$73,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mounted On Roof								
Explanation : These Are Acoustical Site Barriers Made With Insulated Rectangular Metal Panels								
Windows								
Aluminum	100%			2041	* *	5	$28,500	
Parapets								
Concrete Masonry Unit	75%			LIFE	* *	5	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Exterior Side Covered With Metal Panels - Interior Side Covered By Roofing Material								
Metal Rail	25%			2038	* *	5-10	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mounted On Parapet Walls								
Explanation : Parapet Rail Is Stainless Steel								
Roof								
Built-Up (BUR)	95%			2030	* *	10	$185,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Adjacent To Ahu-2								
Explanation : Light Tar Patching Was Done By The Custodial Staff								
Skylight, Metal/Glass	5%			2045	* *	10	$32,500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Throughout								
Explanation : Custodial Staff Sealed Leaks With Caulking								
Interior								
Floors								
Carpet	2%			2024	$52,900	3	$6,200	
Cast in Place Concrete	2%			LIFE	* *	5	$9,100	
Ceramic Tile	4%			2034	* *	5	$8,300	
Cork Tile	2%			2045	* *	5	$3,600	
Terrazzo	10%			LIFE	* *	5	$16,200	
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : Stair Treads Adjacent To Main Entrance.								
Vinyl Tile	80%			2030	* *	3	$62,200	

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2034	* *	5	$4,300	
Glass: Single Pane	4%			LIFE	* *	5	$6,400	
Gypsum Board	75%			LIFE	* *	5	$95,900	
Masonry: Brick	2%			LIFE	* *			
Metal Panel	15%			LIFE	* *			
Granite Panels	2%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Located Outside Classroom 140								
Explanation : Terrazzo Was Used Vertically To Finish This Particular Partial Wall								
Ceilings								
AcousTileSusp.Lay-In	70%			2038	* *	5	$145,100	
Gypsum Board	20%			LIFE	* *	5	$51,800	
Metal Panel	5%			LIFE	* *	5	$13,000	
No Component	5%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Vaulted Skylight Area								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room #117								
Explanation : One 4000 Amps Main Disconnect Switch And The Other Four Services Not D O E Property								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Busway	5%			2042	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Electrical Room #117								
Explanation : Connected Main Service To Main Distribution System								
Conduit	95%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2047	* *	5	$500	
Molded Case Bkrs	85%			2047	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	30%			2042	* *	5	$300	
Variable Frequency Drive	70%			2042	* *			
Ground								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$42,600	
Generators								
Diesel	100%			2038	* *	1	$53,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Enclosure - Northern Side Of The Building								
Explanation : One 230 Kw / 288 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$5,100	
Fuel Storage								
Day Tank	100%			2047	* *	5	$25,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$127,000	
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$15,500	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2051	* *	1		
Natural Gas	95%			2051	* *	1		

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	95%			2033	* *	1	$65,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 13 Roof Top Unit Heating And Cooling Units								
Radiant Heater	5%			2033	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Library								
Explanation : 2 Electric Units								
Terminal Devices								
Fan Coil Unit/Heat	5%			2033	* *	1	$2,200	
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	* *	2	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 13 Rtus Using R-22 Refrigerant								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$180,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,200	
Exhaust Fans								
Roof	100%			2033	* *	2	$4,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2024	$32,200	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Heater Room								
Explanation : 250 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pump Room								
Explanation : Duplex								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	* *	1	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : 2 Devices								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 To 2								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$38,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**BAYARD RUSTIN HS FOR THE HUMAN-M CHARLES EVANS HUGHES HS HUMAN.-M**			
Address	:	**351 W. 18 ST BTWN: 8 AVE., 9 AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M440**
Program / Asset #	:	**BOE0123.000 / 1645**	**Yr Built/Renovated**	:	**1931 / 2010**
Area Sq Ft	:	**265,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-Dec-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,3,6,7,PEN**			
Block	:	**742** **Lot** : **7**	**BIN**	:	**1013096**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$792,900	$215,500
Interior Architecture	$1,762,600	$877,500
Electrical	$1,234,700	$2,125,400
Mechanical	$765,200	$4,752,100
Total	**$4,555,400**	**$7,970,500**
Importance Code A	$856,400	$278,500
Importance Code B	$3,272,200	$7,644,500
Importance Code C	$426,800	$47,500
Total	**$4,555,400**	**$7,970,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$110,300	$10,800		
Interior Architecture	$133,900	$32,200	$35,700	$10,700
Electrical	$14,700	$2,500	$3,300	$5,200
Mechanical	$83,800	$45,800	$66,100	$50,700
Elevators/Escalators	$31,600	$31,600	$31,600	$31,600
Total	**$374,200**	**$122,900**	**$136,700**	**$98,300**
Importance Code A	$110,300	$36,700	$25,900	$25,900
Importance Code B	$153,900	$86,200	$110,800	$72,400
Importance Code C	$110,000			
Total	**$374,200**	**$122,900**	**$136,700**	**$98,300**

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

DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$97,200	LIFE	* *	5	$86,200	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub Basement								
Explanation : Water Infiltration @ Exterior Foundation Walls								
Masonry: Brick	75%			LIFE	* *	5	$258,600	
Masonry: Limestone	15%			LIFE	* *	5	$38,800	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Main Facade								
Windows								
Aluminum	97%	Now	$566,400	2042	* *	5	$33,800	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Steel	3%			2042	* *	5	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance								
Explanation : Stained Glass								
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$31,200	
Masonry: Limestone	20%			LIFE	* *	5-10	$18,600	
Metal Rail	20%			2043	* *	5-10	$27,500	
Roof								
Copper/Terne	25%	Now	$15,000	2054	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Roof Tops Above Gyms								
Modified Bitumen	75%	Now	$19,500	2031	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Roof Tops Above Gyms								
Interior								

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

DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$341,800	
Ceramic Tile	5%			2039	* *	5	$19,500	
Mosaic Tile	5%			2031	* *	5	$48,800	
Sheet Vinyl/Rubber	8%			2034	* *	5	$46,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 6th And 7th Floors								
Explanation : Recent Installation								
Terrazzo	5%	4+	$45,400	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : First Floor Corridor								
Vinyl Tile	10%	Now	$332,200	2036	* *	3	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Cafeteria And Cafeteria Corridor								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Uneven Substrate, Extent : Severe, Area Affected : 40%								
Location : Throughout Auditorium And Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub Floor Of Caferteria And Auditorium								
Explanation : 9x9 Tiles								
Vinyl Tile	12%			2026	$398,600	3	$23,400	
Vinyl Tile	5%			2034	* *	3	$7,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 6th And 7th Floors								
Wood	30%	0-2	$386,600	2041	* *	5	$109,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$250,400	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Sub Basement Under Pool								
Ceramic Tile	6%	Now	$32,800	2029	* *	5	$11,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Pool Area								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Pool Area Locker Rooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$31,700	
Glass: Single Pane	3%	Now	$35,700	LIFE	* *	5	$8,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Stairs								
Gypsum Board	5%			LIFE	* *	5-10	$33,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 6th And 7th Floors								
Masonry: Brick	10%	0-2	$77,200	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement, Penthouse Fan Room								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement, Penthouse Fan Room								
Marble Panels	5%			LIFE	* *	10	$7,900	
Plaster	40%	Now	$63,500	LIFE	* *	5	$47,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	16%			LIFE	* *	10	$31,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 6th Floor								

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

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

Asset # : 1645

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2043	* *	5	$41,300	
AcousTileSusp.Lay-In	3%			2043	* *	5	$9,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 6th & 7th Floor Corridors, Classrooms								
AcousTileSusp.Lay-In	4%			2043	* *	5	$13,200	
Exposed Concrete	10%	Now	$106,200	LIFE	* *	5	$5,200	
Corrosion/Rusting, Extent : Severe, Area Affected : 8%								
Location : Basement Beams - 19th St Sidewalk Vault And At Water Main Leak								
Exposed Reinforcement, Extent : Severe, Area Affected : 8%								
Location : Basement Beams - 19th St Sidewalk Vault And At Water Main Leak								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Penthouse, Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Room 708, Penthouse								
Plaster	68%	Now	$294,500	LIFE	* *	5	$140,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Gym, Various Classrooms								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Gym								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gym, Cafeteria								
Plaster	5%			LIFE	* *	5-10	$28,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Lobby								
Explanation : Decorative Moulding								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2026	$63,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Main Service Disconnect Switches Rated @ 2000 Amperes Each								
Fused Disc Sw	25%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$391,000	5	$900	
Fused Disc Sw	20%			2046	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2026	$462,400	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$23,900	5	$300	
Molded Case Bkrs	75%			2025	$358,800	5	$5,200	
Molded Case Bkrs	20%			2042	* *	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$233,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2026	$389,900	1		
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	65%			2024	$149,600	5	$1,200	
Locally Mounted	30%			2039	* *	5	$500	
Locally Mounted	5%	Now	$11,500	2046	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe - Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$227,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	4%			2026	$83,300	10	$300	
Incandescent	1%			2021	$29,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$31,500	
Exit, LED	10%			2054	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%	Now	$1,000,800	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Not Functional								
Alarm								

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DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	75%							
Generic	25%			2034	* *	1	$24,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Caffeteria, Basement								
Explanation : Smoke Detectors, Manual Pull Stations, Horns, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	0-2	$268,300	2056	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Tank Is Corroded Heavily And Potentially May Leak								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$63,500	2039	* *	1	$232,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Tubes, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3- Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$91,100	2036	* *	4	$12,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return In Pool Mechanical Room								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Control System, Throughout								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pumps, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Areas								

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DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	45%	Now	$31,700	2021	$633,300	1	$65,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Steam Coils, Basement								
On Extended Life, Extent : Severe, Area Affected : 45%								
Location : Various Locations								
Convector/Radiator	35%			2024	$863,000	1	$29,500	
Fan Coil Unit/Heat	20%	Now	$39,100	2026	$781,700	1	$15,200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Split Unit	5%			2034	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	60%			2024	$322,000	1		
No Component	35%							
Terminal Devices								
Fan Coil - Cooling	5%			2034	* *	1	$4,200	
No Component	95%							
Heat Rejection								
Remote Air Cond	5%			2034	* *	2	$9,100	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$112,600	LIFE	* *	2-5	$145,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : Dampers, Various Locations								
Unbalanced System, Extent : Moderate, Area Affected : 8%								
Location : 7th Floor								
Exhaust Fans								
Interior	100%	Now	$14,400	2021	$288,500	2	$6,400	
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : 8th, 9th Floor Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2036	* *	1		
Galv Iron/Steel	60%	Now	$93,600	2024	$467,700	1		
Corroded, Extent : Severe, Area Affected : 40%								
Location : Water Main, Piping, House Tank In Penthouse And Surge Tank In Basement								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : 9th Floor								
Explanation : Exposed House Water Tanks								
Water Heater								
Gas Fired	100%	Now	$12,100	2021	$60,700	2	$3,000	
Not Energy Efficient, Extent : Moderate, Area Affected : 15%								
Location : 400 Gal Unit, Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 1- 1,500 Gallon, 1- 400 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%	0-2	$97,000	2039	* *	4		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Pool Filter Area, Basement								
Explanation : 3 Obsolete Units								
Sewage Ejector(s)								
Electric	100%	Now	$2,200	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : (2) B-7, (2) 1-7								
Explanation : 4 Units.								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

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

Asset # : 1645

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%	Now	$18,600	2026	$931,500	1-5	$92,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Explanation : Valve Handles For Stand Pipe Valves Have Been Removed / Some Valve Boxes Damaged								
Sprinkler								
No Component	90%							
Generic	10%			2026	$304,800	1-2	$7,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**BAYSIDE HIGH SCHOOL - Q**			
Address	:	**32-24 CORPORAL KENNEDY STREET @32 AVENUE**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q495**
Program / Asset #	:	**BOE0869.000 / 1491**	**Yr Built/Renovated**	:	**1936 / 2000**
Area Sq Ft	:	**260,736**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Aug-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,p**			
Block	:	**6044** **Lot** : **1**	**BIN**	:	**4134578**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$267,500	$719,300
Interior Architecture	$386,200	$1,783,200
Electrical	$220,000	$1,340,500
Mechanical	$271,900	$1,101,400
Total	**$1,145,600**	**$4,944,500**
Importance Code A	$331,000	$719,300
Importance Code B	$814,600	$4,153,400
Importance Code C		$71,800
Total	**$1,145,600**	**$4,944,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$53,200	$29,300		$2,400
Electrical	$23,600	$8,800	$11,000	$10,800
Mechanical	$52,000	$67,400	$70,600	$48,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$132,800**	**$109,500**	**$85,600**	**$66,100**
Importance Code A		$25,800	$26,400	$25,800
Importance Code B	$128,000	$83,600	$59,200	$40,300
Importance Code C	$4,800			
Total	**$132,800**	**$109,500**	**$85,600**	**$66,100**

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DEPARTMENT OF EDUCATION - 040

BAYSIDE HIGH SCHOOL - Q

Asset # : 1491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$210,100	
Masonry: Brick	80%			LIFE	* *	5	$215,100	
Masonry: Brick	5%			LIFE	* *	5	$13,400	
Masonry: Limestone	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	92%			2046	* *	5	$145,000	
Glass Block	3%			LIFE	* *	5	$3,000	
Steel	5%			2032	* *	5	$98,500	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$51,200	
Masonry: Brick	80%			LIFE	* *	5	$35,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$13,900	
Roof								
Built-Up (BUR)	93%			2029	* *	10	$218,300	
Copper/Terne	5%			2052	* *	10	$29,300	
Skylight, Metal/Glass	2%			2044	* *	10	$15,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,700	
Ceramic Tile	5%			2033	* *	5	$19,500	
Quarry Tile	5%			2037	* *	5	$29,300	
Terrazzo	10%			LIFE	* *	5	$30,500	
Vinyl Tile	40%			2024	$1,327,300	3	$58,500	
Vinyl Tile	5%			2029	* *	3	$9,800	
Wood	30%	Now	$386,200	2039	* *	5	$109,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium 3								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium 3								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$9,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$71,800	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Concrete	5%	Now	$31,400	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Pool								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Pool								
Plaster	95%			LIFE	* *	5	$231,700	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$1,100	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$600	
Molded Case Bkrs	90%			2032	* *	5	$6,200	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$1,800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	85%			2029	* *	10	$203,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	7%			2029	* *	10	$16,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	3%			2029	* *	10	$300	
Incandescent	5%			2024	$144,800	2	$300	
Egress Lighting								
Emergency, Battery	50%			2024	$175,800	10	$31,500	
Exit, Service	50%			2024	$35,200	1		
Exterior Lighting								
HID	100%			2024	$984,700	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$29,200	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$66,200	

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DEPARTMENT OF EDUCATION - 040

BAYSIDE HIGH SCHOOL - Q

Asset # : 1491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$80,800	
Conversion Equipment								
Steam Boiler	100%	Now	$63,500	2029	* *	1	$232,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : One Boiler Needs Retubing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 5 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$19,300	
Terminal Devices								
Air Handler	50%			2024	$702,900	1	$80,600	
Convector/Radiator	50%			2029	* *	1	$42,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$134,000	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$145,400	
Exhaust Fans								
Interior	90%			2024	$259,400	2	$7,200	
Roof	10%			2024	$20,700	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2044	* *	1		
Galv Iron/Steel	10%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$38,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2029	* *	4	$96,900	
Backflow Preventer								
Generic	100%			2029	* *	1	$16,000	
Fixtures								
Generic	100%							
Vertical Transport								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$131,500	
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	$14,600	
Chemical System								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BAYSIDE HIGH SCHOOL - Q FIELDHOUSE**
Address : **206 ST. & 32 AVE. BAYSIDE**
Borough : **QUEENS**
Agency's Number : **Q405**
Program / Asset # : **BOE0869.010 / 14283**
Yr Built/Renovated : **1936 /**
Area Sq Ft : **5,500**
Project Type : **EDUCATION**
Date of Survey : **30-Aug-2012**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **6044** **Lot** : **1** **BIN** : **4458679**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,500	$45,300
Interior Architecture		$58,100
Electrical	$219,000	$62,500
Total	**$293,500**	**$166,000**
Importance Code A	$74,500	$45,300
Importance Code B	$219,000	$120,600
Total	**$293,500**	**$166,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,700		$1,100	
Interior Architecture		$5,200		
Electrical	$300	$300	$21,900	$200
Mechanical	$1,400	$1,000	$4,400	$1,000
Total	**$9,400**	**$6,500**	**$27,500**	**$1,200**
Importance Code A	$8,900	$800	$2,300	$800
Importance Code B	$600	$2,000	$25,200	$400
Importance Code C		$3,700		
Total	**$9,400**	**$6,500**	**$27,500**	**$1,200**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$13,200	
Metal Coiling Doors	5%			2044	* *	5	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%	Now	$7,700	2029	* *	5	$1,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : At Roof Edges								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : At Roof Edges								
Windows								
Steel	100%	0-2	$37,900	2032	* *	5	$45,300	1
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2029	* *	10	$36,600	
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$58,100	
Ceramic Tile	10%			2033	* *	5	$3,000	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	$7,500	
Concrete Masonry Unit	90%			LIFE	* *	5	$27,000	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$4,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Power								
Fused Disc Sw	50%			2024	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electricel Room								
Explanation : One 100 Amps Main Disconnect Switch For Lighting								
Raceway								
Conduit	80%			2024	$11,100	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$1,100	5		
Molded Case Bkrs	75%			2023	$16,800	5	$100	
Molded Case Bkrs	20%			2040	* *	5		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	80%			2024	$14,800	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2037	* *	5		
Locally Mounted	50%			2022	$22,700	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Incandescent	100%			2019	$219,000	2	$400	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$2,400	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	50%			2019	$10,400	10		
Incandescent	50%			2019	$8,800	2		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2024	$39,900	1-3	$2,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	80%			2029	* *	1	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Radiant Heater	20%			2029	* *	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,000	
Exhaust Fans								
Roof	100%			2029	* *	2	$600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
BAYSIDE HIGH SCHOOL - Q FIELDHOUSE
Asset # : 14283

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$4,600	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2029	* *	1	$1,200	
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BEACH CHANNEL HIGH SCHOOL - Q**
Address : **100-00 BEACH CHANNEL DRIVE**
Borough : **QUEENS**
Program / Asset # : **BOE0870.000 / 1492**
Area Sq Ft : **440,732**
Date of Survey : **29-Aug-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **16167** **Lot** : **99**

Agency's Number : **Q410**
Yr Built/Renovated : **1973 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4303773**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$722,000	$1,127,400
Interior Architecture	$2,507,500	$4,656,900
Electrical	$2,419,600	$5,579,900
Mechanical	$454,700	$547,400
Total	**$6,103,700**	**$11,911,600**
Importance Code A	$829,200	$1,253,500
Importance Code B	$3,382,800	$10,483,900
Importance Code C	$1,891,600	$174,300
Total	**$6,103,700**	**$11,911,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$294,500	$26,400		$63,500
Electrical	$34,900	$40,300	$36,800	$32,500
Mechanical	$67,400	$102,600	$109,000	$89,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$408,600**	**$181,100**	**$157,600**	**$197,600**
Importance Code A		$43,600	$44,600	$43,600
Importance Code B	$408,600	$111,000	$113,100	$154,000
Importance Code C		$26,400		
Total	**$408,600**	**$181,100**	**$157,600**	**$197,600**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$368,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$722,000	2040	* *	5	$43,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Metal Louvers	2%			2033	* *	10	$11,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$48,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$34,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	95%			2034	* *	10	$567,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2044	* *	10	$99,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Carpet	3%	0-2	$252,600	2026	$252,600	3	$29,700	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$72,200	
Ceramic Tile	5%	0-2	$32,000	2033	* *	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%			2040	* *	5	$74,200	
Quarry Tile	2%			2037	* *	5	$19,800	
Vinyl Tile	65%	0-2	$182,300	2024	$3,645,900	3	$160,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$108,800	2052	* *	5	$30,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Boys Gymnasium Near Entrance								
Wood	10%			2039	* *	5	$123,700	

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$52,800	
Concrete Masonry Unit	15%	0-2	$352,000	LIFE	* *	5	$63,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%	0-2	$168,200	2032	* *	5	$26,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	1%			LIFE	* *	5	$7,900	
Masonry: Brick	7%	2-4	$144,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$110,900	
SGFT/Glazed Masonry	30%	2-4	$1,227,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%	Now	$43,900	2029	* *	5	$47,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Near Pool Entrance								
AcousTileConcealSpLn	20%			2029	* *	5	$157,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$205,500			
Metal Panel	30%			LIFE	* *	5	$236,000	
Plaster	25%	Now	$103,200	LIFE	* *	5	$98,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Art Rooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$126,100	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$733,100	5	$1,900	
Raceway								
Conduit	90%			2024	$780,300	1		
Conduit	10%			2044	* *	1		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2023	$109,900	5	$1,500	
Molded Case Bkrs	75%			2023	$549,300	5	$8,700	
Molded Case Bkrs	10%			2040	* *	5	$1,200	
Wiring								
Thermoplastic	90%			2024	$1,052,600	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$276,300	5	$2,400	
Locally Mounted	20%			2037	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,500	
Stand-by Power								
Transfer Switches								
Manual	100%			2034	* *	5	$1,900	
Generators								
Natural Gas	100%			2027	* *	1	$170,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 112 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$98,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$384,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	5%			2029	* *	10	$700	
Egress Lighting								
Emergency, Battery	10%			2024	$59,400	10	$10,600	
Emergency, Battery	40%			2019	$237,800	10	$42,600	
Exit, Service	15%			2024	$17,800	1		
Exit, Service	35%			2019	$41,600	1		
Exterior Lighting								
HID	100%			2019	$1,664,500	10	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$49,400	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	$1,825,900	1-3	$108,600	

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$107,300	2029	* *	1	$392,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler # 4								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$153,900	2034	* *	4	$21,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2029	* *	1	$54,500	
Convector/Radiator	80%			2029	* *	1	$113,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2024	$149,600	1	$20,400	
R-22 Refrigerant, Extent : Moderate, Area Affected : 5%								
Location : Chillers								
Window/Wall Unit	15%			2019	$135,900	1		
No Component	75%							
Terminal Devices								
Fan Coil - Cooling	10%			2024	$84,800	1	$14,200	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2024	$22,000	2	$30,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$245,800	
Exhaust Fans								
Interior	30%			2024	$146,200	2	$4,100	
Roof	70%	Now	$24,500	2029	* *	2	$7,600	
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%	Now	$5,300	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Main Water Shut Off Valve								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$65,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2037	* *	4		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) Basement,1,2,3 (1) 1-2								
Explanation : Two Passenger And One Freight								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$230,400	
Sprinkler								
No Component	90%							
Generic	10%			2034	* *	1-2	$12,300	
Chemical System								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

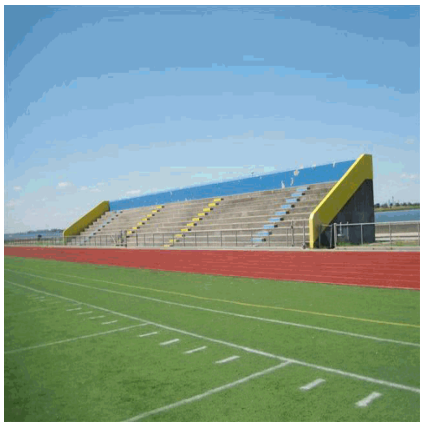
DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BEACH CHANNEL HIGH SCHOOL - Q FIELDHOUSE**
Address : **100-00 BEACH CHANNEL DRIVE**
Borough : **QUEENS**
Program / Asset # : **BOE0870.010 / 14269**
Area Sq Ft : **4,000**
Date of Survey : **29-Aug-2012**
Areas Surveyed : **Roof, Floors 1**
Block : **16167** **Lot** : **99**

Agency's Number : **Q410**
Yr Built/Renovated : **1973 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4303773**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$36,700	
Interior Architecture	$129,600	$46,900
Electrical	$159,200	
Total	**$325,500**	**$46,900**
Importance Code A	$36,700	
Importance Code B	$228,300	$46,900
Importance Code C	$60,500	
Total	**$325,500**	**$46,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,500			
Interior Architecture				
Electrical	$100	$100	$12,900	
Mechanical	$700	$700	$700	$700
Total	**$51,300**	**$800**	**$13,600**	**$700**
Importance Code A	$51,200	$700	$700	$700
Importance Code B	$100	$100	$12,900	
Importance Code C				
Total	**$51,300**	**$800**	**$13,600**	**$700**



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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	40%	0-2	$24,100	LIFE	* *	5	$21,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	60%	0-2	$26,400	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Cast in Place Concrete	100%	0-2	$36,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Interior Space								
Explanation : Stadium Seating Area								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$46,900	
Interior Walls								
Concrete Masonry Unit	100%	0-2	$60,500	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%	0-2	$69,000	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2024	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2023	$22,400	5	$100	
Wiring								
Thermoplastic	100%			2024	$18,500	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Incandescent	100%			2019	$159,200	2	$300	

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Incandescent	100%			2019	$12,800	2		

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Furnace	100%			2024	$17,500	1	$7,100	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BEDFORD ACADEMY H.S. - BK**		
Address	: **1119 BEDFORD AVE. @ MONROE ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K994**
Program / Asset #	: **BOE1082.000 / 14428**	**Yr Built/Renovated**	: **1953 / 2005**
Area Sq Ft	: **25,920**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1812** **Lot** : **1**	**BIN**	: **3329679**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$36,800	$36,800
Interior Architecture	$38,200	
Electrical		$97,900
Total	**$75,000**	**$134,700**
Importance Code A	$36,800	$36,800
Importance Code B	$38,200	$97,900
Total	**$75,000**	**$134,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,300		$34,700	
Interior Architecture	$39,500		$4,900	$11,500
Electrical	$900	$200	$300	$200
Mechanical	$23,300	$15,200	$14,900	$13,000
Total	**$68,900**	**$15,400**	**$54,700**	**$24,700**
Importance Code A	$6,600	$1,300	$36,000	$1,300
Importance Code B	$29,800	$14,100	$18,700	$16,800
Importance Code C	$32,600			$6,600
Total	**$68,900**	**$15,400**	**$54,700**	**$24,700**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$73,500	
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%			2042	* *	5	$4,900	
Parapets								
Masonry: Brick	20%	Now	$2,300	LIFE	* *	5	$800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	80%			2039	* *	5-10	$57,200	
Roof								
IRMA/Protected Membrane	100%			2031	* *	10	$19,300	
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$3,400	
Ceramic Tile	25%			2035	* *	5	$9,700	
Quarry Tile	3%			2039	* *	5	$1,700	
Vinyl Tile	70%			2031	* *	3	$10,200	
Interior Walls								
Ceramic Tile	30%			2035	* *	5	$13,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Gypsum Board	65%			LIFE	* *	5-10	$49,000	
Ceilings								
AcousTileSusp.Lay-In	3%			2039	* *	5	$1,200	
Exposed Concrete	90%			LIFE	* *	5-10	$43,600	
Gypsum Board	5%			LIFE	* *	5-10	$6,700	
Metal Panel	2%			LIFE	* *	5	$1,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electric Service Room								
Explanation : 2000 Amp Main Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$100	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	25%			2042	* *	5	$100	
Molded Case Bkrs	75%			2042	* *	5	$500	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$100	
Variable Speed Drives, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Penthouse								
Locally Mounted	50%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	20%			2031	* *	10	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent								
Fluorescent	80%			2031	* *	10	$19,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps. Occupancy Sensors In Classrooms.								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$3,100	
Exit, LED	48%			2054	* *	1		
Exit, Battery	2%			2031	* *	10		
Exterior Lighting								
HID	100%			2026	$97,900	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (8) Modular Boilers								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways, Offices, Lunch Room								
Explanation : (3) Roof Top Units Packaged Heating And Cooling Serve These Areas								
Hot Wtr Piping/Pump	70%			2048	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : (4) Pumps Serve Unit Ventilators And Radiators In Classrooms.								
Terminal Devices								
Air Handler	30%			2034	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (3) Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Convector/Radiator	20%			2043	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms, Equipment Rooms								
Explanation : Baseboard Fin Radiation								
Fan Coil Unit/Heat	50%			2034	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 4-pipe Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2039	* *	1	$19,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (2) Chillers Serve Unit Ventilators At Classrooms. No Access To Check Refrigerent Type.								
Ext Pkg Unit - Heating/Cooling	30%			2034	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (3) Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	70%			2052	* *	4	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : (2) Pumps And Glycol System								
Ductwork/Diffusers	30%			LIFE	* *	2	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (3) Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Terminal Devices								
Direct Expansion	5%			2034	* *	1		
Air Handler/Cool/Ht	30%			2034	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (3) Roof Units, Packaged Heating And Cooling Serve Hallways, Offices, Lunch Room								
Fan Coil - Cool/Heat	65%			2034	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Claassrooms								
Explanation : Unit Ventilators								
Heat Rejection								
Air Condenser Unit	10%			2034	* *	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (3) Split Systems								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,900	
Exhaust Fans								
Roof	100%			2034	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Electric	100%			2025	$4,000	4	$200	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$2,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2034	* *	1	$1,600	
Fixtures								
Generic	100%							

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$7,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BENJAMIN CARDOZO HIGH SCHOOL - Q**				
Address	: **57-00 223 STREET, BAYSIDE**				
Borough	: **QUEENS**		**Agency's Number**	: **Q415**	
Program / Asset #	: **BOE0871.000 / 196**		**Yr Built/Renovated**	: **1966 / 2008**	
Area Sq Ft	: **296,486**		**Project Type**	: **EDUCATION**	
Date of Survey	: **30-Sep-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **7529**	**Lot** : **1**	**BIN**	: **4161735**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$498,700	$865,800
Interior Architecture	$886,700	$3,040,100
Electrical	$311,900	$6,918,600
Mechanical	$216,200	$3,372,600
Total	**$1,913,500**	**$14,197,000**
Importance Code A	$498,700	$2,393,200
Importance Code B	$1,155,200	$11,677,800
Importance Code C	$259,500	$126,000
Total	**$1,913,500**	**$14,197,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,700	$18,100		
Interior Architecture	$154,600		$59,400	$35,500
Electrical	$34,200	$23,900	$24,500	$27,300
Mechanical	$82,000	$49,600	$79,400	$81,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$314,400**	**$99,400**	**$171,200**	**$152,500**
Importance Code A	$65,000	$47,400	$29,400	$29,400
Importance Code B	$215,100	$52,000	$141,800	$117,100
Importance Code C	$34,300			$6,000
Total	**$314,400**	**$99,400**	**$171,200**	**$152,500**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%	Now	$33,900	LIFE	* *	5	$22,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brick	60%			LIFE	* *	5	$269,800	
Metal Panel	5%			2046	* *	5-10	$77,300	
Pre-Cast Concrete	25%			LIFE	* *	5	$365,300	
Windows								
Aluminum	90%			2048	* *	5	$36,100	
Glass Block	7%			LIFE	* *	5	$3,500	
Metal Louvers	3%			2035	* *	10	$7,500	
Parapets								
Metal Panel	2%			2046	* *	5	$1,300	
Metal Rail	98%			2039	* *	5-10	$298,400	
Roof								
Built-Up (BUR)	93%			2031	* *	10	$281,700	
Skylight, Metal/Glass	7%			2046	* *	10	$70,700	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$62,000	
Ceramic Tile	3%			2029	* *	5	$14,200	
Quarry Tile	3%			2039	* *	5	$21,300	
Slate	3%			LIFE	* *	5	$30,100	
Vinyl Tile	33%			2031	* *	3	$58,500	
Vinyl Tile 9" X 9"	50%			2021	$2,602,900	3	$118,100	
Wood	5%			2054	* *	5	$44,300	
Interior Walls								
Ceramic Tile	2%			2035	* *	5	$12,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$72,000	
Masonry: Brick	3%			LIFE	* *	10	$5,400	
Operable Wall	3%			2046	* *	5	$63,000	
Travertine Panels	2%			LIFE	* *	10	$4,800	
Plaster	45%			LIFE	* *	5-10	$229,500	
Plaster	5%	Now	$24,100	LIFE	* *	5	$9,000	
Deteriorated Finish, Extent : Severe, Area Affected : 75%								
Location : Rooms B58 And B62								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms B58 And B62								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$75,000	

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$23,600	
AcousTileSusp.Lay-In	15%			2031	* *	5	$70,900	
Exposed Concrete	45%			LIFE	* *	5-10	$265,800	
Exposed Struc: Steel	2%			LIFE	* *	10	$18,900	
Fiber Board	3%			2021	$92,600			
Metal Panel	25%	Now	$394,600	LIFE	* *	5	$147,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Plaster	5%			LIFE	* *	5-10	$40,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,300	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	25%			2025	$119,600	5	$1,700	
Molded Case Bkrs	65%			2025	$310,900	5	$5,100	
Molded Case Bkrs	10%			2042	* *	5	$800	
Wiring								
Braided Cloth	40%	2-4	$311,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$115,100	5	$1,000	
Locally Mounted	40%			2031	* *	5	$800	
Locally Mounted	10%			2039	* *	5	$200	
Ground								

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$91,200	
Generators								
Natural Gas	100%			2022	$121,400	1	$114,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Rated @ 45 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$11,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$3,227,500	10	$266,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2026	$23,700	10	$100	
Incandescent	1%			2021	$32,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$200,000	10	$35,800	
Exit, Service	50%			2026	$40,000	1		
Exterior Lighting								
HID	100%			2026	$1,119,700	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$269,100	1	$33,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations And Smoke Detectors								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$730,200	5	$91,900	
Conversion Equipment								
Steam Boiler	100%			2024	$1,443,300	1	$293,600	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$103,500	2036	* *	4	$14,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%			2026	$479,600	1	$55,000	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Explanation : Ahu Condensate Drip Pans Leak - Repair Is In Progress								
Convector/Radiator	70%	Now	$39,200	2031	* *	1	$60,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Control Valves, Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%	Now	$3,000	2021	$150,900	1	$18,600	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Control Panel, Basement								
R-134a Refrigerant, Extent : Light, Area Affected : 15%								
Location : Basement								
Window/Wall Unit	10%			2021	$61,000	1		
No Component	75%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2036	* *	4	$2,200	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2021	$47,200	1	$27,500	
No Component	85%							
Heat Rejection								
Water Cool Tower	15%			2020	$31,900	2	$44,800	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$261,800	

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2026	$295,000	2	$8,200	
Roof	10%			2026	$23,600	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%	0-2	$9,200	2036	* *	4	$29,300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Damaged, Extent : Severe, Area Affected : 100%								
Location : Worn Out Valves								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-3 (1) B-1								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$4,200	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BOYS & GIRLS HIGH SCHOOL - BK**		
Address	: **1700 FULTON STREET @ UTICA AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K455**
Program / Asset #	: **BOE0631.000 / 1228**	**Yr Built/Renovated**	: **1976 / 2005**
Area Sq Ft	: **418,424**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1701** **Lot** : **1**	**BIN**	: **3047996**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,041,300	$319,300
Interior Architecture	$1,281,600	$691,100
Electrical	$2,512,000	$8,104,800
Mechanical	$1,813,500	$9,305,700
Total	**$6,648,300**	**$18,420,900**
Importance Code A	$1,041,300	$2,639,700
Importance Code B	$5,293,300	$15,689,300
Importance Code C	$313,700	$91,900
Total	**$6,648,300**	**$18,420,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,400	$42,100		
Interior Architecture		$16,900	$16,900	$54,800
Electrical	$35,300	$47,100	$38,100	$37,300
Mechanical	$127,800	$110,400	$218,900	$118,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$179,400**	**$224,400**	**$281,800**	**$218,800**
Importance Code A	$53,100	$86,700	$44,600	$45,500
Importance Code B	$126,400	$137,600	$237,200	$173,300
Importance Code C				
Total	**$179,400**	**$224,400**	**$281,800**	**$218,800**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$963,400	LIFE	* *	5	$319,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 168								
Metal Sect. OHD	2%	Now	$42,900	2038	* *	5	$10,700	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : Damaged								
Stucco Cement	5%			2038	* *	5	$42,900	
Windows								
Aluminum	98%			2041	* *	5	$41,600	
Metal Louvers	2%	Now	$5,100	2028	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$16,000	
Metal Rail	10%			2038	* *	5-10	$34,000	
Pre-Cast Concrete	5%	Now	$3,400	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$35,000	2030	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 168								
Interior								
Floors								
Carpet	5%			2021	$430,600	3	$50,600	
Cast in Place Concrete	5%			LIFE	* *	5	$73,800	
Ceramic Tile	5%			2034	* *	5	$33,700	
Panel/Paver: Cer/Brk	5%			2041	* *	5	$75,900	
Terrazzo	5%			LIFE	* *	5	$26,400	
Vinyl Tile	65%	2-4	$372,900	2030	* *	3	$164,500	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	4+	$222,500	2053	* *	5	$63,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	8%	Now	$68,000	LIFE	* *	5	$24,500	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Fan Room								
Vertical Cracks, Extent : Light, Area Affected : 8%								
Location : Gymnasium								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	2%			LIFE	* *			
Plaster	40%	Now	$245,700	LIFE	* *	5	$91,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	73%	Now	$372,500	2030	* *	5	$287,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			LIFE	* *	5	$15,800	
Plaster	25%			LIFE	* *	5	$98,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$88,200	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$37,800	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Amps Main Disconnect Switch								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	35%			2023	$5,500	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Kva 480hv-208/120lv								
Dry Type	35%			2023	$5,500	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 480hv-208/120lv								
Dry Type	30%			2023	$4,700	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 45 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	40%			2025	$293,200	5	$700	
Fused Disc Sw	60%			2035	* *	5	$1,100	
Raceway								
Conduit	85%			2025	$737,000	1		
Conduit	10%			2035	* *	1		
Conduit	2%			2055	* *	1		
Conduit	3%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$73,200	5	$1,000	
Molded Case Bkrs	70%			2024	$512,700	5	$7,700	
Molded Case Bkrs	20%			2033	* *	5	$2,200	
Wiring								
Braided Cloth	20%	2-4	$233,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	65%			2025	$760,200	1		
Thermoplastic	10%			2035	* *	1		
Thermoplastic	2%			2055	* *	1		
Thermoplastic	3%			2045	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$69,100	5	$600	
Motor Control Center	80%			2023	$1,733,500	5	$9,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$128,700	
Generators								
Diesel	100%			2021	$121,400	1	$162,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 150 Kva Onan Genset								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$93,300	
Fuel Storage								
Main Tank	100%			2028	* *	5	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	67%			2025	$3,354,800	10	$277,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2030	* *	10	$124,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2020	$107,900	10	$400	
Egress Lighting								
Emergency, Battery	50%			2020	$304,000	10	$54,400	
Exit, Service	50%			2020	$60,800	1		
Exterior Lighting								
HID	100%			2020	$1,580,300	10	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$46,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$1,110,200	5	$139,700	
Conversion Equipment								
Steam Boiler	100%			2023	$2,194,400	1	$446,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$62,900	2035	* *	4	$22,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$486,100	1	$55,800	
Convector/Radiator	60%			2023	$2,554,700	1	$87,400	
Leak Evident, Extent : Severe, Area Affected : 8%								
Location : Various Areas								
Fan Coil Unit/Heat	20%			2020	$1,349,900	1	$29,100	
Air Conditioning								
Energy Source								
Steam/HW System	100%			2035	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	50%			2021	$743,100	1	$243,900	
Window/Wall Unit	10%			2020	$92,700	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	50%			2035	* *	4	$11,100	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2025	$1,070,100	1	$139,400	
No Component	50%							
Heat Rejection								
Water Cool Tower	50%	Now	$7,800	2023	$388,200	2	$181,500	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Roof								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$251,400	
Exhaust Fans								
Interior	50%			2025	$249,100	2	$6,900	
Roof	50%			2020	$179,200	2	$6,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$269,300	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$44,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$235,700	
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$6,300	

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

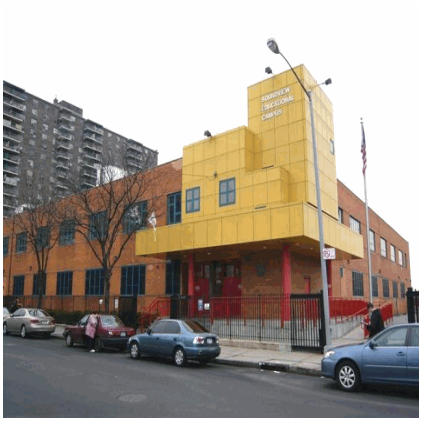
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.**
Address : **1440 STORY AVENUE @ COLGATE AVE**
Borough : **BRONX**
Agency's Number : **X560-X519**
Program / Asset # : **BOE1062.000 / 14375**
Yr Built/Renovated : **1961 / 2004**
Area Sq Ft : **80,493**
Project Type : **EDUCATION**
Date of Survey : **03-Apr-2014**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2**
Block : **3622** **Lot** : **16** **BIN** : **2022544**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$107,400	$68,400
Interior Architecture	$45,200	$104,700
Electrical	$73,800	
Total	**$226,400**	**$173,100**
Importance Code A	$107,400	$68,400
Importance Code B	$119,000	$45,200
Importance Code C		$59,500
Total	**$226,400**	**$173,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$7,200
Interior Architecture	$10,300	$18,100	$5,800	
Electrical	$6,200	$9,500	$6,200	$6,800
Mechanical	$7,800	$7,600	$14,100	$7,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$28,300**	**$39,100**	**$30,000**	**$25,500**
Importance Code A	$4,000	$4,000	$4,000	$11,400
Importance Code B	$14,000	$35,100	$23,300	$14,200
Importance Code C	$10,300		$2,800	
Total	**$28,300**	**$39,100**	**$30,000**	**$25,500**



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DEPARTMENT OF EDUCATION - 040

BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$68,400	
Metal Panel	5%			2045	* *	5-10	$24,800	
Windows								
Aluminum	100%			2041	* *	5	$13,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$1,900	
Masonry: Limestone	10%			LIFE	* *	5	$600	
Metal Panel	5%			2045	* *	5	$900	
Weathering Steel	45%			LIFE	* *	1		
Roof								
Built-Up (BUR)	95%			2030	* *	10	$107,400	
Skylight, Metal/Glass	5%			2045	* *	10	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Unit								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$6,000	
Quarry Tile	5%			2038	* *	5	$9,000	
Vinyl Tile	90%			2030	* *	3	$40,700	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,500	
Concrete Masonry Unit	3%			LIFE	* *	5	$1,300	
Glass: Single Pane	2%			LIFE	* *	5	$1,700	
Gypsum Board	90%	4+	$10,300	LIFE	* *	5	$59,500	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 50%								
Location : Various Locations								
Ceilings								
AcousTileSusp.Lay-In	75%			2038	* *	5	$90,400	
Exposed Concrete	15%			LIFE	* *	5	$2,800	
Gypsum Board	5%			LIFE	* *	5	$7,500	
Metal Panel	5%			LIFE	* *	5	$7,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Service Room 108								
Explanation : 4000 Amps Main Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	

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DEPARTMENT OF EDUCATION - 040

BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	15%			2041	* *	5	$300	
Molded Case Bkrs	85%			2041	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gas / Water Room 104								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$24,800	
Generators								
Diesel	100%			2028	* *	1	$31,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 200 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,000	
Fuel Storage								
Day Tank	100%			2041	* *	5	$14,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Below Generator								
Explanation : 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	20%			2030	* *	10	$14,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Compact Fluorescents Controlled By Lighting Control Panel								
Fluorescent	80%			2030	* *	10	$59,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-5 And T-8 Lamps Controlled By Lighting Control Panel								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Lighting Backed Up By Generator								
Exit, Service	50%			2030	* *	1		

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DEPARTMENT OF EDUCATION - 040

BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	95%			2030	* *	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Controlled By Lighting Contol Panel								
Incandescent	5%			2030	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Controlled By Lighting Control Panel								
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2030	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Front Of Bldg								
Explanation : Gas Entrance With Gas Pressure Pump								
Conversion Equipment								
Furnace	100%			2030	* *	1	$39,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Full Direct Digital Control System								
Terminal Devices								
Convector/Radiator	5%			2038	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs, Equipment Rooms, Entrances								
Explanation : Electric Resistance Heat								
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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DEPARTMENT OF EDUCATION - 040

BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2030	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dry Stock Kitchen, Security/cctv, Data/comm								
Explanation : (3) Direct Expansion Split Systems (1.5 Tons)								
Ext Pkg Unit - Heating/Cooling	95%			2030	* *	2	$4,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,900	
Exhaust Fans								
Roof	96%			2030	* *	2	$2,400	
Noisy/Vibrating, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Explanation : Serve Equipment Rooms, Toilet Rooms; Science And Miscellaneous Multi Purpose Rooms								
Roof	3%			2030	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (2) Hoods In Kitchen								
Roof	1%			2030	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Smoke Control								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Heater Room								
Explanation : (2) Circulators								
Water Heater								
Gas Fired	100%			2023	$18,700	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Heater Room								
Explanation : Boiler/storage Tank/circulator Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Floor								
Explanation : (3) Grease Traps								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

BRONX ACADEMY HS (X560) - BX FELISA RINCON DE GAUTIER INST.

Asset # : 14375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Hydraulic Unit Observed								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$22,500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BRONX DANCE ACADEMY**		
Address	: **3617 BAINBRIDGE AVENUE @ E.213 ST**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X852**
Program / Asset #	: **BOE1056.000 / 14351**	**Yr Built/Renovated**	: **1971 / 2003**
Area Sq Ft	: **32,498**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3329** **Lot** : **124**	**BIN**	: **2017858**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Mechanical		$442,800
Total		**$442,800**
Importance Code B		$442,800
Total		**$442,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$38,900		$31,300
Interior Architecture	$7,200	$7,200	$2,100	$1,800
Electrical	$300	$400	$300	$34,300
Mechanical	$25,100	$8,700	$37,200	$13,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$40,500**	**$63,000**	**$47,500**	**$88,400**
Importance Code A		$38,900		$31,400
Importance Code B	$40,500	$24,200	$45,900	$57,000
Importance Code C			$1,600	
Total	**$40,500**	**$63,000**	**$47,500**	**$88,400**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$700	
Masonry: Brick	48%			LIFE	* *	5	$26,900	
Masonry: Limestone	2%			LIFE	* *	5	$800	
Stucco Cement	48%			2038	* *	5	$67,200	
Windows								
Aluminum	100%			2041	* *	5	$3,700	
Parapets								
Metal Panel	10%			2045	* *	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Aluminum Coping								
Stucco Cement	90%			2038	* *	5	$10,500	
Roof								
Modified Bitumen	100%			2030	* *	10	$30,400	
Interior								
Floors								
Ceramic Tile	2%			2034	* *	5	$1,000	
Quarry Tile	5%			2038	* *	5	$3,600	
Sheet Vinyl/Rubber	5%			2030	* *	5	$3,600	
Vinyl Tile	88%			2030	* *	3	$16,100	
Interior Walls								
Ceramic Tile	6%			2034	* *	5	$3,100	
Folding Partition	2%			2041	* *	5	$2,600	
Gypsum Board	92%			LIFE	* *	5	$28,900	
Ceilings								
AcousTileSusp.Lay-In	92%	4+	$7,200	2038	* *	5	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Gypsum Board	3%			LIFE	* *	5	$1,800	
Metal Panel	5%			LIFE	* *	5	$3,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2000 Amps Mains Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$100	
Raceway								
Conduit	100%			2045	* *	1		

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$900	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter / Sprinkler Room								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	10%			2030	* *	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescents - Switch Controlled								
Fluorescent	90%			2030	* *	10	$26,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps - Switch Controlled								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Egress								
Explanation : Normal Operation Lights Have Battery Backup								
Exit, LED	50%			2053	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Timer Controlled								
Alarm								
Security System								
No Component	75%							
Generic	25%			2030	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2030	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Working Order								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	3%			2045	* *	1		
Natural Gas	97%			2045	* *	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,100	
Terminal Devices								
Air Handler	97%	0-2	$8,500	2025	$170,000	1	$17,500	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : (2) Rtu At Roof Heat Fan Sensor Being Replaced								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (8) Roof Top Units, Variable Frequency Drive To Variable Air Volume Boxes								
Fan Coil Unit/Heat	3%			2030	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairs, Entrances, Toilet Rooms, Equipment Rooms								
Explanation : Electric Resistance Source Of Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	3%			2030	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Direct Expansion Split Serving Data & Telephone Room								
Ext Pkg Unit - Heating/Cooling	97%			2025	$207,900	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units: Units #1, 5, 7 (16.6 Tons) Units #2, 3, 4, 6 (29 Tons); Unit #9 (10 Tons); Full Direct Digital Control System								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$42,300	
Terminal Devices								
Direct Expansion	3%			2030	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Data / Telephone Room								
Explanation : Evaporator Unit In Room								
Air Handler/Cool/Ht	97%			2030	* *	1	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Units To Variable Air Volume Boxes, Full Direct Digital Control System.								
Heat Rejection								
Air Condenser Unit	100%			2025	$64,900	2	$22,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,100	

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	97%			2030	* *	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : (6) Exhaust Fans For Equipment Rooms, Toilet Rooms, Miscellaneous Multi Purpose Rooms								
Roof	3%			2030	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof & Kitchen								
Explanation : Kitchen Hood With Exhaust Fan On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement & 1st Floor All (3) Water Services With Water Meters								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement & First Floor								
Explanation : Basement: (1) For Domestic Water. First Floor: (1) For Domestic Water & (1) For Sprinklers								
Water Heater								
Gas Fired	100%	4+	$200	2023	$7,600	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Heater Room On Roof								
Explanation : Heater - Pump - Storage Tank Unit - 115 Gallons; (2) Pumps; Insulation Not Installed								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Floor								
Explanation : (3) Grease Traps								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Backflow Preventer								
Generic	100%			2030	* *	1	$2,000	
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 10%								
Location : Toilet Room 2nd Floor								
Explanation : (2) Sinks Ripped Off Wall, Needs Fixture Carrier & New Fixture								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Elevators								
Fire Suppression								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$9,100	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BRONX H.S. OF SCIENCE - BX**
Address : **75 W. 205TH STREET BTWN: GOULDEN AVE., PAUL AVE.**
Borough : **BRONX** | **Agency's Number** : **X445**
Program / Asset # : **BOE0328.000 / 358** | **Yr Built/Renovated** : **1959 / 2006**
Area Sq Ft : **288,000** | **Project Type** : **EDUCATION**
Date of Survey : **21-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3251** **Lot** : **201** | **BIN** : **2094706**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,344,500	$884,400
Interior Architecture	$2,102,500	$2,270,600
Electrical	$467,800	$3,516,700
Mechanical	$223,400	$2,829,600
Total	**$5,138,300**	**$9,501,300**
Importance Code A	$2,344,500	$2,393,200
Importance Code B	$2,550,100	$6,994,800
Importance Code C	$243,700	$113,300
Total	**$5,138,300**	**$9,501,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,900		$29,800	
Interior Architecture	$60,900	$2,200	$42,600	$29,000
Electrical	$39,000	$3,200	$4,700	$6,600
Mechanical	$119,200	$66,900	$72,900	$54,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$225,900**	**$76,300**	**$154,000**	**$94,200**
Importance Code A	$62,900	$30,400	$60,200	$30,400
Importance Code B	$113,000	$45,800	$80,600	$63,800
Importance Code C	$50,100		$13,200	
Total	**$225,900**	**$76,300**	**$154,000**	**$94,200**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$101,900	
Masonry: Brick	90%			LIFE	* *	5	$391,300	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Window Wall	5%			2026	$522,700	5	$40,800	
Glazing Clouded, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance								
Explanation : Thermally Inefficient								
Windows								
Aluminum	100%	Now	$114,900	2034	* *	5	$13,700	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$88,500	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Metal Rail	10%			2039	* *	5-10	$29,200	
Metal: Cage/Fence	5%			2031	* *	5-10	$6,300	
Pre-Cast Concrete	5%	Now	$2,900	LIFE	* *	5	$5,100	
Open Joints, Extent : Moderate, Area Affected : 35%								
Location : Coping Stone								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BRONX H.S. OF SCIENCE - BX
Asset # : 358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%			2031	* *	10	$16,400	
IRMA/Protected Membrane	55%	Now	$1,441,800	2036	* *			1
Insul Miss/Displaced, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 40%								
Location : East Wing								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Various Classrooms, 3rd Floor								
IRMA/Protected Membrane	8%	0-2	$262,100	2036	* *			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Section On Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	2%			2039	* *	10	$12,100	
Paver: Asphalt	15%			2035	* *	10	$74,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Cafeteria								
Explanation : This Component Is Actually Concrete Pavers								
Roll Roofing	15%	0-2	$203,600	2028	* *	5	$41,100	1
Seams Open/Split, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$101,600	
Cast in Place Concrete	1%			LIFE	* *	5	$20,300	
Ceramic Tile	2%			2029	* *	5	$9,300	
Quarry Tile	10%			2031	* *	5	$69,700	
Terrazzo	3%			LIFE	* *	5	$21,800	
Vinyl Tile	50%	0-2	$98,700	2026	$1,974,300	3	$87,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Vinyl Tile	24%			2031	* *	3	$41,800	
Wood	5%			2041	* *	5	$43,500	

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$26,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$42,100	
Gypsum Board	1%			LIFE	* *	5-10	$9,000	
Masonry: Brick	3%			LIFE	* *	10	$4,700	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Foundation Wall Fronting W.205th St - Room 009								
Metal Panel	5%			LIFE	* *	10	$11,900	
Mosaic Tile	2%			LIFE	* *	10	$6,600	
Plaster	45%			LIFE	* *	5-10	$201,500	
SGFT/Glazed Masonry	27%			LIFE	* *	10	$71,100	
Wood	2%			LIFE	* *	5	$84,300	
Ceilings								
AcousTile,Adhered	25%	Now	$1,009,100	2046	* *	5	$54,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Corridor(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
AcousTile,Adhered	1%			2043	* *	5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Holocaust Museum								
Explanation : New Museum, 1st Fl								
AcousTileSusp.Lay-In	5%			2039	* *	5	$21,700	
Exposed Concrete	39%			LIFE	* *	5-10	$211,600	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Room 02 And Locker Rooms								
Metal Panel	5%	Now	$362,500	LIFE	* *	5	$27,100	
Deformed/Dented, Extent : Severe, Area Affected : 75%								
Location : Gymnasiums And Kitchen								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasiums And Kitchen								
Plaster	25%	Now	$142,500	LIFE	* *	5	$67,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$58,800	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2039	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 30 Kva Isolation Transformer Dc To Ac Inverter For Solar Power System								
Switchgear / Switchboard								
Air Circuit Breaker	30%			2026	$146,600	5	$500	
Fused Disc Sw	10%			2026	$48,900	5	$100	
Molded Case Bkrs	60%			2026	$293,200	5	$4,600	
Raceway								
Conduit	95%			2026	$549,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$23,900	5	$300	
Fused Disc Sw	1%			2042	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Roof								
Explanation : Dc To Ac Inverter Panelboard From Solar Power System Feed Some Appliances And Lighting Fixtures								
Molded Case Bkrs	84%			2025	$401,800	5	$6,400	
Molded Case Bkrs	10%			2042	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$467,800	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	30%			2026	$233,900	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$161,200	5	$1,400	
Locally Mounted	30%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,500	
Lighting								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2034	* *	10	$241,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2036	* *	10	$5,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	5%			2034	* *	10	$14,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$14,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2021	$74,300	10	$300	
Egress Lighting								
Emergency, Battery	40%			2021	$167,400	10	$30,000	
Emergency, Battery	10%			2036	* *	10	$7,500	
Exit, Service	45%			2021	$37,700	1		
Exit, Service	5%			2036	* *	1		
Exterior Lighting								
HID	100%			2021	$1,087,700	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$32,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	98%			2036	* *	5	$94,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 15,000 Gallon Tanks For #2 Fuel								
Natural Gas	2%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Greenhouse Boiler								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	2%			2039	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Roof								
Explanation : 1 Hot Water Boiler, Used To Heat Greenhouse Only								
Steam Boiler	96%			2024	$1,450,000	1	$295,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 #2 Oil Burning Steam Boilers burners And Burner Control Panels Were Upgraded In 1992								
Steam Boiler	2%	0-2	$30,200	2046	* *	1	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Boiler Combustion Air Intake Dampers								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Boiler #3 Will Require Re-tubing In The Near Future								
Distribution								
Hot Wtr Piping/Pump	2%	Now	$15,600	2034	* *	4	$300	
Broken, Extent : Severe, Area Affected : 75%								
Location : Piping To 1 Greenhouse								
Steam Piping/Pump	98%			2036	* *	4	$15,000	
Terminal Devices								
Air Handler	18%			2021	$301,100	1	$34,500	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Air Handler	2%			2021	$33,500	1	$3,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Gyms, Auditorium, Boys And Girls Locker Rooms, Cafeteria, Defective Climate Control Systems								
Convector/Radiator	5%	0-2	$146,500	2046	* *	1	$4,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Thermostat Steam Traps, Defective Climate Control System								
Convector/Radiator	75%			2031	* *	1	$75,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410 A - Serves The Cafeteria, Auditorium, Library And Museum								
Window/Wall Unit	80%			2024	$510,300	1		
No Component	10%							
Ventilation								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$273,900	
Exhaust Fans								
Interior	60%			2021	$205,800	2	$5,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	25%	Now	$1,200	2026	$61,700	2	$1,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof, Multiple Mechanical And/ Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Roof	15%			2031	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$96,300	4	$46,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Single Pump								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$8,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BRONX HS FOR THE VISUAL ARTS -BX**
Address : **2040 ANTIN PL @ BRADY AVE.**
Borough : **BRONX**
Agency's Number : **X839**
Program / Asset # : **BOE1065.000 / 14408**
Yr Built/Renovated : **1900 / 2010**
Area Sq Ft : **159,970**
Project Type : **EDUCATION**
Date of Survey : **26-Feb-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **4290** **Lot** : **48** **BIN** : **2048811**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$148,500	$49,100
Interior Architecture	$86,500	
Electrical		$146,700
Mechanical		$76,900
Total	**$235,000**	**$272,600**
Importance Code A	$148,500	$49,100
Importance Code B	$86,500	$223,600
Total	**$235,000**	**$272,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,400		
Interior Architecture	$11,600	$19,300		$34,400
Electrical	$15,500	$12,900	$12,900	$26,000
Mechanical	$26,500	$22,400	$86,500	$25,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$57,500**	**$61,900**	**$103,300**	**$90,300**
Importance Code A	$7,900	$11,300	$7,900	$7,900
Importance Code B	$49,600	$49,300	$95,400	$82,400
Importance Code C		$1,300		
Total	**$57,500**	**$61,900**	**$103,300**	**$90,300**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$21,300	
Masonry: Brick	90%	Now	$74,000	LIFE	* *	5	$49,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	5%			2038	* *	5	$6,800	
Windows								
Aluminum	100%			2041	* *	5	$6,900	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$6,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$74,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	5%	0-2	$11,600	2034	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2030	* *	5	$18,000	
Vinyl Tile	85%	0-2	$86,500	2030	* *	3	$76,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$2,600	
Gypsum Board	90%			LIFE	* *	5	$28,500	
Plaster	5%			LIFE	* *	5	$800	
Ceilings								
AcousTileSusp.Lay-In	15%			2038	* *	5	$35,900	
Exposed Concrete	85%			LIFE	* *	5	$31,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$700	
Raceway								
Conduit	100%			2051	* *	1		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	90%			2047	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$49,200	
Generators								
Diesel	100%			2040	* *	1	$62,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$5,900	
Fuel Storage								
Day Tank	50%			2050	* *	5	$14,800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 175 Gals								
Main Tank	50%			2065	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$143,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Fluorescent	2%			2033	* *	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Compact Lamps								
Egress Lighting								
Emergency, Service	30%			2033	* *	1		
Emergency, Battery	30%			2033	* *	10	$11,600	
Exit, Service	40%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$500	
Alarm								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$17,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$79,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$9,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$208,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,200	
Exhaust Fans								
Roof	100%			2030	* *	2	$4,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$37,200	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$9,800	

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-2								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$44,800	
Fire Pump								
Generic	100%			2034	* *	1	$29,900	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BRONX REGIONAL ALT. H.S. - BX**				
Address	: **1010 REV. J.A. POLITE AVE. @ E.165 ST**				
Borough	: **BRONX**			**Agency's Number**	: **X401**
Program / Asset #	: **BOE0319.000 / 377**			**Yr Built/Renovated**	: **1963 / 2013**
Area Sq Ft	: **162,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Feb-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **2698**	**Lot**	: **12**	**BIN**	: **2005366**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$211,300	$257,200
Interior Architecture	$3,013,500	$114,900
Electrical	$1,118,600	$908,000
Mechanical	$143,500	$474,100
Total	**$4,486,900**	**$1,754,100**
Importance Code A	$211,300	$278,200
Importance Code B	$4,132,200	$1,418,200
Importance Code C	$143,500	$57,800
Total	**$4,486,900**	**$1,754,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,600		$600
Interior Architecture	$12,700			$42,800
Electrical	$600	$1,700	$2,200	$40,200
Mechanical	$26,100	$31,900	$43,900	$24,400
Total	**$39,400**	**$48,200**	**$46,100**	**$108,000**
Importance Code A	$17,300	$31,900	$17,300	$18,200
Importance Code B	$22,100	$16,300	$28,800	$89,800
Importance Code C				
Total	**$39,400**	**$48,200**	**$46,100**	**$108,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BRONX REGIONAL ALT. H.S. - BX
Asset # : 377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$211,300	LIFE	* *	5	$140,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$17,100	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$5,200	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Panel	5%			2045	* *	5	$1,200	
Metal Rail	5%			2038	* *	5-10	$5,500	
Roof								
Built-Up (BUR)	95%			2033	* *	10	$117,100	
Metal Panel	5%			2038	* *	10	$11,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$57,100	
Ceramic Tile	5%	2-4	$12,700	2034	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$10,200	
Vinyl Tile 9" X 9"	75%	2-4	$431,600	2020	$2,158,100	3	$73,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%			2040	* *	5	$24,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,900	
Plaster	65%			LIFE	* *	5	$57,800	
SGFT/Glazed Masonry	25%	4+	$143,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	20%	0-2	$158,000	2030	* *	5	$30,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2030	* *	5	$12,200	
Exposed Concrete	50%			LIFE	* *	5	$19,100	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%	Now	$122,300	LIFE	* *	5	$30,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Basement								
Plaster	10%			LIFE	* *	5	$15,300	

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Fused Disc Sw	50%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$197,900	5	$600	
Fused Disc Sw	10%			2035	* *	5	$100	
Raceway								
Conduit	100%			2025	$247,500	1		
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$400	
Fused Disc Sw	5%			2033	* *	5	$200	
Molded Case Bkrs	65%			2024	$165,200	5	$2,800	
Molded Case Bkrs	20%			2033	* *	5	$900	
Wiring								
Braided Cloth	60%	2-4	$208,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2025	$86,800	1		
Thermoplastic	10%			2035	* *	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$153,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2025	$27,900	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Mercury								
Incandescent	2%			2020	$38,800	2	$100	
Egress Lighting								
Emergency, Battery	45%			2020	$105,900	10	$19,000	
Emergency, Battery	5%			2035	* *	10	$2,100	
Exit, Service	10%			2035	* *	1		
Exit, Service	40%			2020	$18,800	1		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2020	$611,800	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$1,300	
Alarm								
Security System								
No Component	90%							
Generic	10%			2025	$49,000	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Certain Areas Only								
Explanation : CCTV Surveillance Camera System Is Functional								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$172,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	90%			2035	* *	4	$7,700	
Steam Piping/Pump	10%			2055	* *	4	$900	
Terminal Devices								
Air Handler	25%			2025	$235,300	1	$27,000	
Convector/Radiator	75%			2030	* *	1	$42,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$143,500	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,300	

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2025	$57,900	2	$1,600	
Roof	70%			2025	$97,100	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2045	* *	1		
Galv Iron/Steel	80%			2030	* *	1		
Water Heater								
Gas Fired	100%			2025	$40,600	2	$2,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$2,400	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BRONX SCHOOL FOR LAW, GOVT. & JUSTICE - BX**
Address : **244 EAST 163RD STREET @GRANT AVE.**
Borough : **BRONX** | **Agency's Number** : **X460**
Program / Asset # : **BOE1030.000 / 13583** | **Yr Built/Renovated** : **2003 /**
Area Sq Ft : **134,831** | **Project Type** : **EDUCATION**
Date of Survey : **02-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2445** **Lot** : **6** | **BIN** : **2109459**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$119,200
Interior Architecture		$226,200
Electrical		$123,700
Total		**$469,100**
Importance Code A		$119,200
Importance Code B		$305,300
Importance Code C		$44,600
Total		**$469,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,900		$26,400	$47,800
Interior Architecture	$50,300		$9,500	$19,900
Electrical	$14,900	$13,900	$19,900	$15,600
Mechanical	$47,200	$66,700	$71,500	$69,200
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$139,100**	**$98,400**	**$144,900**	**$170,300**
Importance Code A	$20,900	$12,000	$38,400	$60,200
Importance Code B	$116,600	$86,300	$106,600	$110,200
Importance Code C	$1,600			
Total	**$139,100**	**$98,400**	**$144,900**	**$170,300**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$119,200	
Metal Panel	5%			2050	* *	5-10	$46,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$8,800	
Window Wall	5%			2050	* *	5	$25,400	
Windows								
Aluminum	95%			2046	* *	5	$27,000	
Metal Louvers	5%			2037	* *	10	$8,900	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$9,800	
Metal Panel	5%			2050	* *	5	$2,500	
Metal Rail	15%			2041	* *	5-10	$35,500	
Metal Security Bars	5%			2059	* *			
Roof								
Modified Bitumen	50%			2032	* *	10	$26,400	
Modified Bitumen	50%			2029	* *	10	$26,400	
Interior								
Floors								
Carpet	1%	0-2	$25,800	2026	$25,800	3	$3,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40% Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$22,100	
Ceramic Tile	4%			2037	* *	5	$8,100	
Steel Grating	5%			2050	* *	1		
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	75%			2032	* *	3	$75,700	
Wood	5%			2059	* *	5	$18,900	
Interior Walls								
Ceramic Tile	2%			2037	* *	5	$3,200	
Concrete Masonry Unit	70%			LIFE	* *	5	$44,600	
Glass: Single Pane	2%			LIFE	* *	5	$2,400	
Gypsum Board	10%			LIFE	* *	5	$9,600	
Masonry: Brick	10%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	1%			LIFE	* *	5	$6,400	
Ceilings								
AcousTileSusp.Lay-In	90%			2041	* *	5	$181,600	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$12,600	

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

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	20%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	40%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For Emergency								
Transformers								
Dry Type	50%			2041	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Kva 480/277sec - 208 Pri								
Dry Type	50%			2041	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 Kva 480/277hv - 208lv								
Switchgear / Switchboard								
Fused Disc Sw	95%			2050	* *	5	$500	
Molded Case Bkrs	5%			2050	* *	5	$200	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2041	* *	5	$200	
Motor Control Center	80%			2041	* *	5	$2,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$41,500	

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2037	* *	1	$52,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$5,000	
Fuel Storage								
Main Tank	100%			2059	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	85%			2032	* *	10	$105,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	* *	10	$6,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Fluorescent	10%			2032	* *	10	$12,400	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	60%			2032	* *	1		
Exit, Service	40%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$15,100	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$34,200	

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

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger	20%			2033	* *	1	$13,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Steam Boiler	80%			2041	* *	1	$106,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	60%			2040	* *	4	$4,000	
Steam Piping/Pump	40%			2044	* *	4	$2,700	
Terminal Devices								
Air Handler	40%			2029	* *	1	$33,400	
Fan Coil Unit/Heat	60%			2032	* *	1	$26,100	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	* *	1	$62,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers, Chiller Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	* *	4	$10,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	* *	1	$83,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Units								
Heat Rejection								
Air Condenser Unit	100%			2032	* *	2	$93,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Part Of The Two Chillers								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,200	
Exhaust Fans								
Interior	100%			2029	* *	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$31,400	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2029	* *	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Sump Pit								
Backflow Preventer								
Generic	100%			2032	* *	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5, Ph								
Explanation : Two Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 34%								
Location : B-2								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$70,500	
Sprinkler								
Generic	100%			2044	* *	1-2	$37,800	
Fire Pump								
Generic	100%			2033	* *	1	$25,200	
Chemical System								
Dry	20%			2022	$5,200	1-3	$10,100	
No Component	80%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BRONX STUDIO SCHOOL FOR WRITERS & ARTISTS - BX**		
Address	: **928 SIMPSON STREET**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X392**
Program / Asset #	: **BOE1101.000 / 14452**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **99,849**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2723** **Lot** : **33**	**BIN**	: **2116211**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$126,100
Interior Architecture	$59,800	$185,500
Electrical		$91,600
Total	**$59,800**	**$403,200**
Importance Code A		$126,100
Importance Code B	$59,800	$151,400
Importance Code C		$125,800
Total	**$59,800**	**$403,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$34,000	$5,600
Interior Architecture		$7,000	$10,300	$24,100
Electrical	$10,700	$17,000	$11,800	$12,300
Mechanical	$35,400	$17,100	$58,800	$17,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$57,900**	**$52,900**	**$126,800**	**$70,900**
Importance Code A	$5,400	$4,400	$39,600	$10,000
Importance Code B	$52,500	$48,500	$87,200	$39,100
Importance Code C				$21,800
Total	**$57,900**	**$52,900**	**$126,800**	**$70,900**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$77,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Building Completed In 2009								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : The School Occupies The Cellar And Floors 1 To 5 Of A Six Story Building.								
Metal Panel	5%			2049	* *	5-10	$30,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,700	
Stucco Cement	5%			2040	* *	5	$11,200	
Windows								
Aluminum	100%			2045	* *	5		
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$700	
Metal Panel	85%			2049	* *	5	$23,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,200	
Roof								
IRMA/Protected Membrane	100%			2031	* *	10	$48,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,300	
Ceramic Tile	3%			2036	* *	5	$4,500	
Quarry Tile	2%			2040	* *	5	$4,500	
Sheet Vinyl/Rubber	5%			2031	* *	5	$11,200	
Traffic Topping	25%			2031	* *	5	$46,700	
Vinyl Tile	55%			2031	* *	3	$30,800	
Wood	5%			2058	* *	5	$14,000	
Interior Walls								
Ceramic Tile	20%			2036	* *	5	$69,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,000	
Folding Partition	5%			2045	* *	5	$43,700	
Glass: Single Pane	5%			LIFE	* *	5	$13,100	
Gypsum Board	60%			LIFE	* *	5	$125,800	
Ceilings								
AcousTileSusp.Lay-In	80%			2040	* *	5	$119,600	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$18,700	
Metal Panel	5%			LIFE	* *	5	$9,300	

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

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

DEPARTMENT OF EDUCATION - 040

BRONX STUDIO SCHOOL FOR WRITERS & ARTISTS - BX

Asset # : 14452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated At 2500 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$30,700	
Generators								
Diesel	100%			2036	* *	1	$38,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 315 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2058	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$89,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Cfl Compact Fluorescent Light Fixtures.								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, LED	50%			2058	* *	1		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Steel Lightning Rods								
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$24,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2049	* *	1		
Natural Gas	90%			2049	* *	1		
Conversion Equipment								
Furnace	90%			2031	* *	1	$44,400	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 3 Roof Top Package Units								
Radiant Heater	10%			2031	* *	2	$4,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Stairways								
Explanation : 10 Units								
Distribution								
No Component	90%							
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$61,700	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$69,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,700	
Exhaust Fans								
Roof	100%			2031	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2022	$23,200	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-6								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$50,300	
Sprinkler								
Generic	100%			2049	* *	1-2	$28,000	
Fire Pump								
Generic	100%			2036	* *	1	$18,700	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BROOKLYN H.S. OF ARTS, ANNEX**				
Address	: **500 PACIFIC STREET BTWN: 3 AVE., 4 AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K656**
Program / Asset #	: **BOE0654.000 / 1214**			**Yr Built/Renovated**	: **1924 / 2014**
Area Sq Ft	: **92,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **22-Sep-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,3,4**				
Block	: **192**	**Lot**	: **1**	**BIN**	: **3001189**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,012,100	$229,800
Interior Architecture	$165,600	$298,300
Electrical	$37,800	$889,100
Mechanical	$80,600	$244,300
Total	**$1,296,100**	**$1,661,500**
Importance Code A	$1,092,700	$266,800
Importance Code B	$145,400	$1,394,700
Importance Code C	$58,000	
Total	**$1,296,100**	**$1,661,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,100		$7,600	
Interior Architecture	$132,200		$14,700	$7,700
Electrical	$900	$700	$1,900	$700
Mechanical	$60,800	$22,000	$51,400	$26,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$202,900**	**$30,600**	**$83,500**	**$42,400**
Importance Code A	$1,100	$8,200	$15,800	$8,200
Importance Code B	$105,600	$22,400	$63,800	$34,200
Importance Code C	$96,200		$3,900	
Total	**$202,900**	**$30,600**	**$83,500**	**$42,400**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS, ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Along Dean Street, Pacific Street And 3rd Avenue								
Explanation : Covered With Scaffolds And Netting								
Windows								
Aluminum	5%			2042	* *	5	$1,500	
Bronze/Brass	43%	Now	$225,900	2034	* *	5	$40,400	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$800	
Steel	50%	Now	$786,100	2051	* *	5	$94,100	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Bent/Warped Elements, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	10%			2039	* *	5-10	$12,500	
Under Construction	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Along Dean Street, Pacific And 3rd Avenue								
Explanation : Parapet Renovations Was The Main Reason For Erecting The Scafolding								
Roof								
Built-Up (BUR)	65%			2031	* *	10	$40,600	
Copper/Terne	35%			2041	* *	10	$54,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BROOKLYN H.S. OF ARTS, ANNEX
Asset # : 1214

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$135,500	
Ceramic Tile	5%	Now	$2,400	2035	* *	5	$3,100	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Column In Boys Locker Room								
Quarry Tile	5%			2039	* *	5	$9,300	
Traffic Topping	15%			2026	$230,500	5	$23,200	
Vinyl Tile	50%	Now	$10,500	2034	* *	3	$23,200	
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : M63 - Nurses Office								
Interior Walls								
Cast in Place Concrete	2%	Now	$19,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Sub Basement Meter Room								
Cast Stone/Terra Cotta	10%			LIFE	* *	10	$58,000	
Ceramic Tile	5%			2029	* *	5	$7,700	
Concrete Masonry Unit	40%			LIFE	* *	5	$49,500	
Plaster	30%			LIFE	* *	5-10	$39,500	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$7,700	
Wood	3%			LIFE	* *	5	$37,100	
Ceilings								
AcousTile,Adhered	5%	Now	$1,200	2039	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Room 359								
AcousTileSusp.Lay-In	10%			2039	* *	5	$12,400	
Exposed Concrete	50%	Now	$39,900	LIFE	* *	5	$9,700	
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Room 358								
Spalling, Extent : Light, Area Affected : 2%								
Location : Stairway G And Room M63								
Masonry: Infill Arch	15%			LIFE	* *	10	$9,300	
Metal Panel	5%			LIFE	* *	5	$15,500	
Plaster	15%	Now	$4,900	LIFE	* *	5	$11,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Room 275								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 1600 Amps								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2036	* *	5	$100	
Fused Disc Sw	70%			2026	$119,700	5	$300	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2034	* *	5	$400	
Molded Case Bkrs	80%			2034	* *	5	$1,900	
Wiring								
Thermoplastic	90%			2026	$230,000	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	50%	0-2	$37,800	2046	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mechanical Room								
Aged Component, Extent : Severe, Area Affected : 100%								
Location : Mechanical Space								
Locally Mounted	50%			2031	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Due To Insulation Covering								
Lighting								
Interior Lighting								
Fluorescent	85%			2031	* *	10	$64,500	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	5%			2021	$33,000	10	$100	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Gym								
Explanation : Sodium Lamps								
Incandescent	10%			2021	$92,000	2	$200	
Egress Lighting								
Emergency, Service	20%			2021	$8,100	1		
Emergency, Battery	30%			2026	$33,500	10	$6,000	
Exit, Service	50%			2021	$11,200	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Alarm								

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Most Entires And Exits								
Explanation : 15 C C T V Cameras Internet Protocol Digital Video Surveillance Type.								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$190,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Machine Rooms								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$25,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 5,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	2-4	$80,600	2031	* *	1	$73,800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Boilers, Both Need Burner Repair								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,100	
Terminal Devices								
Air Handler	20%	Now	$4,500	2026	$89,300	1	$9,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Controls Throughout								
Convector/Radiator	80%			2031	* *	1	$21,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2021	$68,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,100	

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%	Now	$8,700	2026	$86,900	2	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Explanation : Bad Bearings On One Fan, Control Issues Throughout								
Roof	5%			2026	$3,300	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%	0-2	$3,900	2021	$19,300	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 - 750 Gallon Units, One Of Them Not Working								
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Grease Trap Serving Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Sub Basement To 4, Sub Basement To 3								
Explanation : 2 Units, 1 Out Of Service								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$41,700	
Sprinkler								
No Component	5%							
Generic	95%			2046	* *	1-2	$22,000	
Chemical System								
Generic	100%			2019	$26,100	1-3	$55,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Kitchen Area								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BROOKLYN HIGH SCHOOL OF ARTS - MAIN BUILDING**
Address : **345 DEAN STREET BTWN: 3 AVE., 4 AVE.**
Borough : **BROOKLYN**
Agency's Number : **K655**
Program / Asset # : **BOE0653.000 / 677**
Yr Built/Renovated : **1929 / 2005**
Area Sq Ft : **132,000**
Project Type : **EDUCATION**
Date of Survey : **22-Sep-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **192** **Lot** : **13**
BIN : **3001190**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,087,000	$55,300
Interior Architecture	$787,200	$253,400
Electrical		$1,726,500
Mechanical	$95,300	$608,000
Total	**$1,969,500**	**$2,643,200**
Importance Code A	$1,087,000	$55,300
Importance Code B	$648,700	$2,587,900
Importance Code C	$233,800	
Total	**$1,969,500**	**$2,643,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,100			
Interior Architecture	$73,600		$4,100	$7,300
Electrical	$3,200	$1,000	$2,700	$1,000
Mechanical	$26,700	$20,800	$29,200	$23,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$151,600**	**$25,700**	**$39,900**	**$35,400**
Importance Code A	$57,000	$12,900	$12,900	$12,900
Importance Code B	$68,900	$12,900	$27,000	$22,600
Importance Code C	$25,700			
Total	**$151,600**	**$25,700**	**$39,900**	**$35,400**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$667,600	LIFE	* *	5	$55,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : On Lintels Above All Windows								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	5%	0-2	$43,600	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	15%	Now	$241,700	LIFE	* *	5	$8,300	
Diagonal Cracks, Extent : Light, Area Affected : 15%								
Location : Pacific Street Facade								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Pacific Street Facade								
Stucco Cement	5%	0-2	$21,400	2031	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2042	* *	5	$31,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$42,000	
Masonry: Limestone	10%	Now	$7,200	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%	Now	$55,100	2031	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Copper/Terne	20%	Now	$43,100	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Over Gymnasium								
Modified Bitumen	5%			2026	$23,400	10	$4,000	
Interior								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$170,300	
Ceramic Tile	5%	0-2	$18,900	2029	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%	0-2	$14,000	2039	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	10%	Now	$45,200	LIFE	* *	5	$15,200	
Horizontal Cracks, Extent : Light, Area Affected : 25%								
Location : First Floor								
Traffic Topping	5%	0-2	$15,100	2031	* *	5	$6,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	0-2	$49,600	2031	* *	3	$21,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	25%			2041	* *	5	$91,200	
Interior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	10	$73,900	
Ceramic Tile	5%	0-2	$13,600	2029	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	15%	0-2	$6,100	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$5,900	
Marble Panels	5%	0-2	$39,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	2-4	$63,300	LIFE	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%	0-2	$57,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	$8,200	
Exposed Concrete	20%	Now	$211,600	LIFE	* *	5	$5,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Basement Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	0-2	$161,800	LIFE	* *	5	$77,100	
Staining/Discoloring, Extent : Light, Area Affected : 3%								
Location : Auditorium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 4,000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2034	* *	5	$600	
Fused Toggle Switch	5%			2034	* *	5	$200	
Molded Case Bkrs	75%			2034	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2026	$1,227,600	10	$101,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms, Offices And Common Spaces								
Explanation : T-12 Lamps								
Fluorescent	5%			2034	* *	10	$6,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Science Labs And Prep Rooms								
Explanation : T-8 Lamps								
HID	5%			2021	$51,900	10	$200	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Gym								
Explanation : Mercury Lamps								
Incandescent	5%			2021	$72,200	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$32,000	1		
Exit, Service	50%			2021	$17,500	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$9,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Internet Protocol Digital Video Surveillance Type								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$273,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$128,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,400	
Terminal Devices								
Air Handler	30%	Now	$63,100	2026	$210,300	1	$21,700	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Undergoing Construction - Work In Progress								
Convector/Radiator	70%			2031	* *	1	$29,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	95%			2021	$253,900	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,800	
Exhaust Fans								
Interior	100%			2026	$143,700	2	$4,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$30,200	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - 600 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 4								
Explanation : 1 Unit								
Fire Suppression								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$7,300	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BROOKLYN REGIONAL OFFICES P.S. 231**		
Address	: **360 36 STREET BTWN: 4TH AVE., 3 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K231**
Program / Asset #	: **BOE0610.010 / 4230**	**Yr Built/Renovated**	: **1966 / 2006**
Area Sq Ft	: **22,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **696** **Lot** : **31**	**BIN**	: **3337060**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$45,400
Interior Architecture		$210,600
Electrical	$53,200	$620,900
Mechanical		$140,100
Total	**$53,200**	**$1,016,900**
Importance Code A		$45,400
Importance Code B	$53,200	$971,600
Total	**$53,200**	**$1,016,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,300	$3,500		
Interior Architecture	$79,600			$5,200
Electrical	$17,500	$200	$300	$400
Mechanical	$17,900	$2,700	$9,000	$900
Total	**$164,400**	**$6,400**	**$9,300**	**$6,500**
Importance Code A	$49,300	$3,500		
Importance Code B	$76,800	$2,900	$9,300	$5,100
Importance Code C	$38,300			$1,300
Total	**$164,400**	**$6,400**	**$9,300**	**$6,500**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	13%			LIFE	* *	5	$42,300	
Masonry: Brick	85%			LIFE	* *	5	$55,300	
Masonry: Limestone	2%			LIFE	* *	5	$1,000	
Windows								
Aluminum	100%			2048	* *	5	$7,100	
Parapets								
Metal Rail	100%			2031	* *	5-10	$74,700	
Roof								
Built-Up (BUR)	90%			2034	* *	10	$17,400	
Modified Bitumen	10%			2026	$11,200	10	$1,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$12,800	
Ceramic Tile	5%			2035	* *	5	$1,500	
Vinyl Tile	85%			2021	$210,600	3	$12,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$13,500	
Ceramic Tile	5%			2035	* *	5	$2,700	
Plaster	70%			LIFE	* *	5-10	$32,100	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$4,000	
Ceilings								
Exposed Concrete	85%			LIFE	* *	5-10	$31,000	
Plaster	15%			LIFE	* *	5-10	$7,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$97,700	5	$100	
Raceway								
Conduit	80%			2026	$42,000	1		
Conduit	20%			2036	* *	1		
Panelboards								
Molded Case Bkrs	25%			2034	* *	5	$100	
Molded Case Bkrs	75%			2025	$56,100	5	$400	

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$53,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2021	$205,500	10	$17,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2021	$10,800	2		
Egress Lighting								
Emergency, Battery	50%			2026	$13,100	10	$2,400	
Exit, Service	50%			2026	$2,600	1		
Exterior Lighting								
HID	100%			2021	$83,100	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$13,300	1	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm System Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$91,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Bells And Manual Pull Station								

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Campus Steam	100%			2026	$6,400	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : P S 371, Asset # 1236								
Explanation : Heat From Adjacent Building								
Distribution								
Steam Piping/Pump	100%	Now	$10,000	2026	$100,100	4	$1,000	
Broken, Extent : Severe, Area Affected : 40%								
Location : Vacuum Pump, Sub-basement								
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	$40,000	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,200	
Exhaust Fans								
Interior	60%			2026	$7,200	2	$400	
Roof	40%			2026	$6,200	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$6,000	4	$2,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$1,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BROOKLYN SCHOOL FOR GLOBAL STUDIES**		
Address	: **284 BALTIC STREET @COURT ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K429**
Program / Asset #	: **BOE0580.000 / 1267**	**Yr Built/Renovated**	: **1968 / 2012**
Area Sq Ft	: **158,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Apr-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **402** **Lot** : **1**	**BIN**	: **3006401**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$108,900	$1,064,400
Interior Architecture	$260,400	$1,489,800
Electrical	$1,557,200	$947,500
Mechanical	$180,900	$1,390,800
Total	**$2,107,400**	**$4,892,500**
Importance Code A	$108,900	$1,922,900
Importance Code B	$1,998,500	$2,910,000
Importance Code C		$59,700
Total	**$2,107,400**	**$4,892,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,700		$1,500	$10,100
Interior Architecture	$20,800	$21,000	$55,400	
Electrical	$5,300	$6,800	$67,800	$4,900
Mechanical	$23,500	$36,600	$62,500	$25,000
Total	**$80,400**	**$64,400**	**$187,200**	**$40,000**
Importance Code A	$47,400	$16,600	$18,500	$26,700
Importance Code B	$27,800	$47,800	$168,700	$13,200
Importance Code C	$5,200			
Total	**$80,400**	**$64,400**	**$187,200**	**$40,000**

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

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL FOR GLOBAL STUDIES
Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$108,900	LIFE	* *	5	$96,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Expansion Joint In Courtyard At Cafeteria								
Exposed Reinforcement, Extent : Moderate, Area Affected : 30%								
Location : Above Windows								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Along Court Street								
Masonry: Brick	75%			LIFE	* *	5	$57,900	
Windows								
Aluminum	100%			2040	* *	5	$20,300	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$33,000	
Masonry: Brick	70%			LIFE	* *	5	$11,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Panel	5%			2044	* *	5	$3,100	
Roof								
Built-Up (BUR)	50%	0-2	$30,700	2024	$307,500			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Classroom 311								
IRMA/Protected Membrane	50%			2024	$535,300	10	$67,100	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$7,500	
Terrazzo	5%			LIFE	* *	5	$9,800	
Vinyl Tile	67%			2024	$1,430,100	3	$63,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Corridors								
Explanation : 9 X 9 Size Tiles								
Vinyl Tile	20%			2034	* *	3	$18,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Children's School								
Wood	5%			2052	* *	5	$23,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Gym								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$10,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,000	
Plaster	57%			LIFE	* *	5	$59,700	
SGFT/Glazed Masonry	30%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL FOR GLOBAL STUDIES
Asset # : 1267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2029	* *	5	$49,100	
AcousTileSusp.Lay-In	20%			2044	* *	5	$49,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Children's School Area								
Exposed Concrete	35%	Now	$55,300	LIFE	* *	5	$13,400	
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Metal Panel	5%	0-2	$205,100	LIFE	* *	5	$15,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	20%			LIFE	* *	5	$30,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2024	$14,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2024	$14,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$700	
Raceway								
Conduit	95%			2024	$235,100	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$22,400	5	$400	
Fused Disc Sw	5%			2046	* *	5	$200	
Molded Case Bkrs	85%			2023	$190,600	5	$3,500	
Wiring								
Braided Cloth	50%	2-4	$173,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Thermoplastic	45%			2024	$156,300	1		
Thermoplastic	5%			2050	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL FOR GLOBAL STUDIES
Asset # : 1267

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2022	$103,600	5	$1,000	
Locally Mounted	10%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$146,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2032	* *	10	$4,600	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2019	$26,800	10	$100	
Egress Lighting								
Emergency, Battery	30%			2019	$67,900	10	$12,100	
Emergency, Battery	20%			2029	* *	10	$8,100	
Exit, Service	20%			2029	* *	1		
Exit, Service	30%			2019	$13,600	1		
Exterior Lighting								
HID	100%			2019	$596,700	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$17,700	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$572,800	1-3	$34,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$52,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2022	$816,500	1	$166,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Boilers Are Beyond Their Useful Life Cycle Limit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (3) #4 Oil Burning Steam Boilers								

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

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

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL FOR GLOBAL STUDIES
Asset # : 1267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$12,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Defective Vacuum Pump Seals								
Terminal Devices								
Air Handler	20%			2019	$180,900	1	$20,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Blowers Are Beyond Their Useful Life Cycle Limit								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement, Repairs In Progess On Unit's Steam Traps								
Convector/Radiator	70%			2029	* *	1	$37,900	
Fan Coil Unit/Heat	10%			2024	$251,100	1	$5,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2029	* *	2	$2,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Lower Roof								
Explanation : Units Serves The Auditorium And Culinary Class Room								
Window/Wall Unit	40%			2022	$137,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,500	
Exhaust Fans								
Interior	20%			2024	$37,100	2	$1,000	
Roof	80%			2024	$106,700	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$24,900	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room Pit								
Fixtures								
Generic	100%							

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

DEPARTMENT OF EDUCATION - 040
BROOKLYN SCHOOL FOR GLOBAL STUDIES
Asset # : 1267

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **BROOKLYN SCHOOL OF INQUIRY - BK**
Address : **50 AVENUE P BTWN: STILLWELL AVE. - W.13 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K686**
Program / Asset # : **BOE1089.000 / 14440** | **Yr Built/Renovated** : **2009 /**
Area Sq Ft : **107,741** | **Project Type** : **EDUCATION**
Date of Survey : **28-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **6618** **Lot** : **1** | **BIN** : **3175240**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$241,800	$253,100
Interior Architecture	$374,400	$253,200
Electrical		$98,800
Mechanical	$26,700	
Total	**$642,900**	**$605,100**
Importance Code A	$241,800	$253,100
Importance Code B	$134,500	$206,700
Importance Code C	$266,600	$145,400
Total	**$642,900**	**$605,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,600	$19,600		
Interior Architecture	$43,500	$5,200	$49,800	
Electrical	$12,500	$10,500	$8,700	$8,700
Mechanical	$22,400	$18,600	$26,800	$17,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$108,800**	**$65,700**	**$97,200**	**$38,300**
Importance Code A	$24,100	$24,900	$5,300	$5,300
Importance Code B	$72,500	$40,800	$61,200	$33,000
Importance Code C	$12,100		$30,700	
Total	**$108,800**	**$65,700**	**$97,200**	**$38,300**

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	1%			2052	* *	10	$300	
Masonry: Brick	90%			LIFE	* *	5	$151,000	
Metal/Glass Curt Wall	9%			LIFE	* *	5	$28,300	
Windows								
Aluminum	100%			2048	* *	5	$39,200	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$212,400	
Masonry: Brick	45%			LIFE	* *	5-10	$70,400	
Metal Panel	10%			2052	* *	5	$8,900	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$71,400	
Interior								
Floors								
Carpet	5%			2027	* *	3	$12,100	
Cast in Place Concrete	10%			LIFE	* *	5	$70,600	
Ceramic Tile	5%			2039	* *	5	$8,100	
Marble Panels	1%			LIFE	* *	5	$2,400	
Quarry Tile	1%			2043	* *	5	$2,400	
Vinyl Tile	75%			2034	* *	3	$45,400	
Wood	3%			2061	* *	5	$9,100	
Interior Walls								
Ceramic Tile	19%			2039	* *	5	$61,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$12,900	
Gypsum Board	75%			LIFE	* *	5-10	$412,000	
Operable Wall	1%			2052	* *	5	$11,300	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$145,100	
Exposed Struc: Steel	7%			LIFE	* *	10	$22,600	
Gypsum Board	1%			LIFE	* *	5-10	$5,500	
Metal Panel	2%			LIFE	* *	5	$8,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1600 Amps Service								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$2,800	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$33,200	
Generators								
Diesel	100%			2039	* *	1	$41,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 350 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2061	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$98,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 And Compact Lamps								
Egress Lighting								
Exit, Service	50%			2034	* *	1		
Exit, Battery	50%			2034	* *	10	$3,600	
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$12,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2034	* *			

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : This Building First Occupied In Sept. 2011							
Conversion Equipment								
Furnace	100%			2034	* *	1	$53,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : 6 Roof Top Units Providing Heat & A C							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$6,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : 6 Roof Top Units							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,100	
Exhaust Fans								
Roof	100%			2034	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$25,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$6,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : (2) B-4 (1) B-1							
	Explanation : 3 Units							
Fire Suppression								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$30,200	
Fire Pump								
Generic	100%			2039	* *	1	$20,100	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BROOKLYN TECHNICAL H.S. - BK**				
Address	: **29 FORT GREENE PL. @ DEKALB AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K430**
Program / Asset #	: **BOE0626.000 / 1223**			**Yr Built/Renovated**	: **1933 / 2009**
Area Sq Ft	: **677,007**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,11**				
Block	: **2098**	**Lot**	: **13**	**BIN**	: **3058752**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$182,300	$1,101,900
Interior Architecture	$1,108,900	$3,586,400
Electrical	$3,736,000	$10,383,000
Mechanical	$6,280,300	$19,783,900
Total	**$11,307,600**	**$34,855,200**
Importance Code A	$511,900	$4,554,800
Importance Code B	$10,795,800	$30,122,800
Importance Code C		$177,600
Total	**$11,307,600**	**$34,855,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$29,200		$29,100
Interior Architecture		$48,100	$48,000	$25,300
Electrical	$27,300	$13,100	$11,700	$11,100
Mechanical	$144,100	$119,500	$191,900	$131,300
Elevators/Escalators	$119,400	$119,400	$119,400	$119,400
Total	**$290,800**	**$329,400**	**$371,100**	**$316,200**
Importance Code A		$96,300	$67,000	$97,600
Importance Code B	$290,800	$233,100	$281,400	$218,700
Importance Code C			$22,700	
Total	**$290,800**	**$329,400**	**$371,100**	**$316,200**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2045	* *	10	$26,200	
Masonry: Brick	83%			LIFE	* *	5	$464,300	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Masonry: Granite	5%			LIFE	* *	5	$21,000	
Masonry: Limestone	10%			LIFE	* *	5	$42,000	
Windows								
Aluminum	88%			2041	* *	5	$205,900	
Bronze/Brass	5%			2033	* *	5	$73,100	
Metal Louvers	2%			2028	* *	10	$29,200	
Steel	5%			2033	* *	5	$146,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$40,500	
Masonry: Limestone	10%			LIFE	* *	5	$5,700	
Roof								
Cast in Place Concrete	15%			LIFE	* *			
Copper/Terne	10%			2040	* *	10	$72,600	
Paver: Asphalt	55%			2034	* *	10	$239,700	
Single Ply Membrane	10%			2030	* *	10	$29,100	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Over 8th Floor								
Skylight, Plastic	10%			2038	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$221,700	
Ceramic Tile	5%			2034	* *	5	$50,700	
Panel/Paver: Cer/Brk	2%	Now	$286,000	2041	* *	5	$22,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Foundry								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Foundry								
Quarry Tile	3%			2038	* *	5	$45,600	
Terrazzo	5%			LIFE	* *	5	$39,600	
Vinyl Tile	20%			2030	* *	3	$76,000	
Vinyl Tile 9" X 9"	20%	Now	$446,500	2025	$2,232,400	3	$76,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Wood	35%	4+	$234,000	2040	* *	5	$332,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$45,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$36,200	
Masonry: Brick	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$135,900	
Plaster	2%			LIFE	* *	5	$5,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2030	* *	5	$152,000	
Exposed Concrete	10%			LIFE	* *	5	$15,800	
Metal Panel	5%			LIFE	* *	5	$63,300	
Plaster	60%			LIFE	* *	5	$380,000	
Plaster	5%			LIFE	* *	5	$31,700	
Plaster	5%	Now	$66,500	LIFE	* *	5	$31,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Room Bn2								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : First Floor Gym								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room Bn2								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$78,600	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : 3- Main Service Disconnect Switches Rated @ 4000 Amperes Each								
Fused Disc Sw	50%			2025	$78,600	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : 2- Main Service Disconnect Switches Rated @ 3000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$855,300	5	$2,900	
Raceway								
Conduit	70%			2025	$706,800	1		
Conduit	10%			2045	* *	1		
Conduit	20%			2035	* *	1		

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$98,700	5	$1,600	
Fused Toggle Switch	2%	2-4	$19,700	2050	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100% *Location : Basement*								
Molded Case Bkrs	40%			2033	* *	5	$7,100	
Molded Case Bkrs	38%			2024	$374,900	5	$6,800	
Molded Case Bkrs	10%			2041	* *	5	$1,800	
Wiring								
Braided Cloth	30%	2-4	$409,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building*								
Thermoplastic	40%			2035	* *	1		
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$272,900	1		
Motor Controllers								
Locally Mounted	70%			2023	$279,500	5	$3,200	
Locally Mounted	15%			2030	* *	5	$700	
Locally Mounted	15%			2038	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$9,900	
Lighting								
Interior Lighting								
Fluorescent	50%			2025	$3,760,100	10	$310,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building*								
Fluorescent	30%			2030	* *	10	$186,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building*								
Fluorescent	10%			2020	$752,000	10	$62,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building*								
Fluorescent	6%			2025	$451,200	10	$37,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100% *Location : Basement*								
HID	1%			2020	$54,000	10	$200	
Incandescent	2%			2020	$150,400	2	$300	
LED	1%			2030	* *			
Egress Lighting								
Emergency, Battery	40%			2025	$365,300	10	$65,400	
Exit, Service	50%			2025	$91,300	1		
Exit, Service	10%			2020	$18,300	1		
Exterior Lighting								
HID	100%			2025	$2,556,900	10	$2,100	
Alarm								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$75,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2020	$2,103,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$33,300	2025	$1,667,400	5	$104,900	
Broken, Extent : Severe, Area Affected : 2%								
Location : #2 Oil Transfer Pump, Basement								
Conversion Equipment								
Steam Boiler	100%	Now	$329,600	2023	$3,295,800	1	$603,400	
Damaged, Extent : Severe, Area Affected : 70%								
Location : Fire Brickwork, Both Boilers								
Malfunctioning, Extent : Severe, Area Affected : 2%								
Location : Water Feeding Does not Coordinate For 2 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Old Units On Extended Life								
Distribution								
Steam Piping/Pump	100%	Now	$236,400	2025	$4,727,100	4	$33,400	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : #10 & #30 Head Valves, Boiler Room; Expansion Joints, 4th Floor								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room And Various Other Locations								
Explanation : Supply Pipe Clogged								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$36,500	2020	$730,100	1	$75,400	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Convector/Radiator	40%			2023	$2,557,900	1	$87,500	
Fan Coil Unit/Heat	40%	Now	$81,100	2020	$4,054,900	1	$78,700	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2024	$1,150,200	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$83,500	2023	$835,100	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$377,500	
Exhaust Fans								
Interior	70%	Now	$104,800	2020	$523,900	2	$11,600	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 70%								
Location : Basement								
Interior	30%	Now	$11,200	2025	$224,500	2	$5,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Unit, Penthouse								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Explanation : 3 Units								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$404,400	1		
Water Heater								
Gas Fired	100%	Now	$3,200	2024	$157,500	2	$7,900	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : #2 Unit Control Box, Boiler Room								
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 2 New Units Being Installed In Basement								
HW Heat Exchanger								
Low Temp	100%			2025	$210,000	4	$100,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%	0-2	$24,200	2023	$484,900	4		
Abandoned in Place, Extent : Severe, Area Affected : 30%								
Location : #2 Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (5) B-7 (3) B-8 (1) B-9								
Explanation : 9 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B - G								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2025	$2,416,000	1-5	$341,300	
Sprinkler								
No Component	90%							
Generic	10%	Now	$15,800	2025	$790,500	1-2	$16,400	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : In Front Of Room B S 12								
Explanation : Broken Control Valve And Corroded Piping								
Fire Pump								
Generic	100%			2021	$501,500	1	$126,400	

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

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BUREAU OF SUPPLIES**				
Address	: **44-36 VERNON BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q801**
Program / Asset #	: **BOE0895.000 / 1461**			**Yr Built/Renovated**	: **1931 / 2011**
Area Sq Ft	: **684,590**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,ph**				
Block	: **489**	**Lot**	: **1**	**BIN**	: **4005429**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$3,117,800	$1,564,500
Interior Architecture	$1,221,800	$3,341,300
Electrical	$667,200	$4,198,500
Mechanical	$1,304,000	$25,406,800
Total	**$6,310,700**	**$34,511,200**
Importance Code A	$3,171,100	$4,230,700
Importance Code B	$3,139,600	$29,983,100
Importance Code C		$297,400
Total	**$6,310,700**	**$34,511,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$19,200	$25,600	$57,600	$19,200
Electrical	$75,600	$96,700	$82,000	$73,100
Mechanical	$116,800	$139,700	$213,500	$152,400
Elevators/Escalators	$47,400	$47,400	$47,400	$47,400
Total	**$259,100**	**$309,300**	**$400,500**	**$292,100**
Importance Code A	$6,800	$61,700	$61,000	$61,000
Importance Code B	$252,300	$247,600	$339,500	$231,100
Total	**$259,100**	**$309,300**	**$400,500**	**$292,100**

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

DEPARTMENT OF EDUCATION - 040

BUREAU OF SUPPLIES

Asset # : 1461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$804,200	LIFE	* *	5	$356,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Window Sill At Penthouse								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Compressor Room In Basement, Foundation At North Facade								
Cast in Place Concrete	65%			LIFE	* *	5	$926,800	
Metal Coiling Doors	10%			2028	* *	5	$89,100	
Windows								
Aluminum	95%	Now	$1,015,500	2039	* *	5	$60,600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room On 6th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th, 5th And 6th Floors								
Glass Block	5%			LIFE	* *	5	$4,000	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$176,200	
Roof								
Built-Up (BUR)	100%	Now	$1,253,500	2033	* *			
Air/Water Blisters, Extent : Moderate, Area Affected : 25%								
Location : Roof Over 6th Floor								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Over 6th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Carpet	5%			2022	$654,000	3	$76,800	
Cast in Place Concrete	65%			LIFE	* *	5	$1,456,900	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Area Adjacent To North Side								
Ceramic Tile	5%			2019	$992,900	5	$51,200	
Terrazzo	5%			LIFE	* *	5	$40,000	
Vinyl Tile	15%			2023	$1,306,900	3	$76,800	
Vinyl Tile	5%			2028	* *	3	$19,200	
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	$155,100	
Gypsum Board	10%			LIFE	* *	5	$51,700	
Gypsum Board	5%			LIFE	* *	5	$25,900	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$64,600	
SGFT/Glazed Masonry	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
BUREAU OF SUPPLIES
Asset # : 1461

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$51,200	
AcousTileConcealSpLn	10%			2028	* *	5	$128,100	
AcousTileSusp.Lay-In	5%			2036	* *	5	$51,200	
Exposed Concrete	60%			LIFE	* *	5	$96,100	
Exposed Concrete	10%	Now	$164,900	LIFE	* *	5	$16,000	
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Tank Room Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Compressor Room In Basement								
Plaster	10%			LIFE	* *	5	$64,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Under Construction	50%							
Switchgear / Switchboard								
Fused Disc Sw	30%			2043	* *	5	$900	
Under Construction	70%							
Raceway								
Conduit	40%			2023	$504,400	1		
Conduit	40%			2043	* *	1		
Conduit	10%			2049	* *	1		
Under Construction	10%							
Panelboards								
Fused Disc Sw	10%			2022	$98,700	5	$1,600	
Molded Case Bkrs	40%			2022	$394,600	5	$7,200	
Molded Case Bkrs	20%			2039	* *	5	$3,600	
Molded Case Bkrs	20%			2045	* *	5	$3,600	
Under Construction	10%							
Wiring								
Braided Cloth	30%	2-4	$584,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		
Thermoplastic	10%			2049	* *	1		
Under Construction	10%							
Motor Controllers								
Locally Mounted	30%			2021	$8,800	5	$1,400	
Locally Mounted	70%			2036	* *	5	$3,200	

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DEPARTMENT OF EDUCATION - 040

BUREAU OF SUPPLIES

Asset # : 1461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$10,100	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Diesel	100%			2038	* *	1	$265,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Recently Installed, Rated @ 400kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$25,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Fuel Storage								
Main Tank	100%			2063	* *	5	$20,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside The Building								
Explanation : Recent Installations								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$615,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023		10	$400	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$82,600	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$2,585,500	10	$2,100	
Alarm								
Security System								
No Component	30%							
Generic	70%			2028	* *	1	$179,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2028	* *	1-3	$295,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

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DEPARTMENT OF EDUCATION - 040

BUREAU OF SUPPLIES

Asset # : 1461

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	80%			2023	$1,348,900	5	$169,700	
Natural Gas	20%			2033	* *	1		
Conversion Equipment								
Furnace	20%			2028	* *	1	$67,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 8 Roof Top Units								
Steam Boiler	80%	Now	$53,300	2021	$2,666,100	1	$488,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Fuel Pump And Oil Pressure Regulator, Basement								
Distribution								
Steam Piping/Pump	80%			2023	$3,824,000	4	$27,000	
No Component	20%							
Terminal Devices								
Air Handler	15%			2023	$553,700	1	$63,500	
Convector/Radiator	75%			2021	$4,849,800	1	$165,800	
Fan Coil Unit/Heat	10%	Now	$51,300	2018	$1,025,100	1	$19,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2023	$348,500	1	$47,600	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Ext Pkg Unit - Heating/Cooling	20%			2028	* *	2	$8,400	
Window/Wall Unit	20%			2021	$281,500	1		
No Component	45%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2033	* *	4	$7,600	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2023	$239,900	1	$63,500	
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2028	* *	2	$71,500	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$190,900	
No Component	50%							

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DEPARTMENT OF EDUCATION - 040

BUREAU OF SUPPLIES

Asset # : 1461

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2023	$227,000	2	$6,300	
Roof	20%			2028	* *	2	$4,200	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2023	$159,300	2	$10,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Unit Installation Is In Progress, Basement								
HW Heat Exchanger								
Low Temp	100%			2023	$212,400	4	$67,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$19,100	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Southwest Corner At Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-6								
Explanation : 6 Units								
Fire Suppression								
Standpipe								
Generic	100%			2023	$2,443,100	1-5	$358,000	
Sprinkler								
Generic	100%			2023	$7,993,400	1-2	$191,800	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **BUSHWICK HIGH SCHOOL - BK**		
Address	: **400 IRVING AVE. BTWN WOODBINE ST - PUTNAM AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K480**
Program / Asset #	: **BOE0636.000 / 2524**	**Yr Built/Renovated**	: **1911 / 2007**
Area Sq Ft	: **205,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6**		
Block	: **3365** **Lot** : **98**	**BIN**	: **3076908**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,987,300	$2,159,100
Interior Architecture	$1,743,100	$2,668,100
Electrical	$753,700	$4,393,300
Mechanical	$147,600	$1,635,900
Total	**$4,631,700**	**$10,856,500**
Importance Code A	$2,067,400	$2,159,100
Importance Code B	$2,088,300	$8,640,500
Importance Code C	$476,000	$56,900
Total	**$4,631,700**	**$10,856,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$94,900		$8,900	$18,000
Interior Architecture	$93,800		$69,000	$13,800
Electrical	$48,600	$18,100	$19,400	$20,900
Mechanical	$80,800	$27,200	$45,500	$26,400
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$341,800**	**$69,000**	**$166,500**	**$102,800**
Importance Code A	$96,600	$16,900	$25,800	$34,900
Importance Code B	$222,400	$52,100	$119,100	$67,900
Importance Code C	$22,900		$21,500	
Total	**$341,800**	**$69,000**	**$166,500**	**$102,800**

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

DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$132,500	
Masonry: Brick	65%			LIFE	* *	5	$367,500	
Masonry: Brick Cavity	15%			LIFE	* *	5	$84,800	
Masonry: Fieldstone	7%			LIFE	* *	5	$29,700	
Masonry: Granite	2%			LIFE	* *	5	$8,500	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : North Facade At Entrance								
Masonry: Limestone	3%	Now	$18,500	LIFE	* *	5	$6,400	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : North Facade At Entrance								
Metal Panel	3%			2046	* *	5-10	$58,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$36,800	
Windows								
Aluminum	50%			2025	$1,505,500	5	$35,900	
Aluminum	50%	Now	$1,505,500	2051	* *	5	$18,000	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	18%	Now	$31,100	LIFE	* *	5	$15,400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Missing Stone Unit On The West Parapet Wall								
Crazing, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones - West Parapets								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : West Parapet								
Recent Replace Evident, Extent : Light, Area Affected : 65%								
Location : Throughout 5th And 6th Floor Roofs								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5-10	$45,300	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout 5th And 6th Floor Roofs								
Masonry: Brick	8%	Now	$5,100	LIFE	* *	5	$900	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners Of Gymnasium								
Metal Panel	2%			2046	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof								
Explanation : Coping At 1998 Annex Wing								
Metal Rail	5%			2039	* *	5-10	$10,000	
Metal Security Bars	5%			2054	* *			
Metal: Cage/Fence	2%			2039	* *	5-10	$1,700	

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

DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	11%			2029	* *	10	$1,800	
Built-Up (BUR)	70%	0-2	$63,800	2021	$318,800			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Light, Area Affected : 20%								
Location : Perimeter Edges Of 5th Floor Roofs								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cast in Place Concrete	2%	Now	$2,700	LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Above Electrical Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Above Electrical Room								
Modified Bitumen	15%	0-2	$86,900	2036	* *			
Alligatoring, Extent : Moderate, Area Affected : 15%								
Location : 1998 Annex Wing								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : 1998 Annex Wing								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : 1998 Annex Wing								
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : 1998 Annex Wing								
Skylight, Metal/Glass	2%			2036	* *	10	$6,600	
Interior								

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$43,100	LIFE	* *	5	$30,200	
Uneven Surface, Extent : Severe, Area Affected : 30%								
Location : Stair Treads In All Stairwells								
Ceramic Tile	5%			2029	* *	5	$13,800	
Ceramic Tile	3%	Now	$160,500	2041	* *	5	$4,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Pool Locker Rooms And Showers								
Quarry Tile	5%			2031	* *	5	$20,700	
Sheet Vinyl/Rubber	10%	Now	$81,900	2026	$819,300	5	$20,700	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Vinyl Tile	10%	Now	$23,500	2026	$234,800	3	$10,400	
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Rooms 426, 526								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms 426, 526								
Vinyl Tile 9" X 9"	30%	Now	$91,200	2021	$912,400	3	$31,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Surface, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	27%	Now	$491,700	2041	* *	5	$69,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Of 1913 Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Classrooms Of 1913 Wing								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Classrooms Of 1913 Wing								
Wood	5%			2054	* *	5	$25,900	

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$17,200	
Ceramic Tile	5%	Now	$95,200	2029	* *	5	$8,600	
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : Throughout Pool Locker Rooms								
Concrete Masonry Unit	10%	Now	$76,600	LIFE	* *	5	$13,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Pool Area								
Folding Partition	3%			2034	* *	5	$25,900	
Glazed Ceramic Panel	2%			LIFE	* *	10	$6,200	
Gypsum Board	10%	Now	$2,900	LIFE	* *	5	$20,700	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Inside Stair Tower Third Floor								
Masonry: Brick	5%			LIFE	* *	10	$5,200	
Plaster	55%	Now	$304,300	LIFE	* *	5	$56,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Sixth Floor								
Deteriorated Finish, Extent : Severe, Area Affected : 15%								
Location : Various Classrooms From Second To Fifth Floors Of 1913 Wing								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Various Classrooms From Second To Fifth Floors Of 1913 Wing								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$8,600	
Ceilings								
AcousTile,Adhered	10%			2024	$256,700	5	$27,600	
AcousTileSusp.Lay-In	10%			2024	$223,300	5	$27,600	
AcousTileSusp.Lay-In	10%			2031	* *	5	$27,600	
Exposed Concrete	10%			LIFE	* *	5-10	$34,500	
Metal Panel	5%			LIFE	* *	5	$34,500	
Plaster	55%	Now	$398,600	LIFE	* *	5	$94,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors On 3, 4 And 5 And Pool								
Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
Location : Rooms 404 And 405								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Ceiling Above Pool								
Paint Peeling, Extent : Severe, Area Affected : 15%								
Location : Rooms 404 And 405								

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

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Electrical Room								
Explanation : One 1,200 Amp Main Disconnect Switch Serving Annex Building								
Fused Disc Sw	25%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Electrical Room, Annex Building Basement								
Explanation : One 800 Amp Main Disconnect Switch Serving Annex Building								
Fused Knife Sw	50%	2-4	$42,000	2056	* *	5	$200	
Enclosure Corroded, Extent : Light, Area Affected : 20%								
Location : Electrical Room								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Electrical Room, Main Building Basement								
Explanation : Two 2,000 Amps Main Disconnect Switch Serving Main Building And Pool Area								
Switchgear / Switchboard								
Fused Disc Sw	60%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Electrical Room, Annex Basement								
Explanation : Serves Annex Building								
Molded Case Bkrs	40%			2026	$195,500	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Mechanical Room, Main Building Basement								
Explanation : Serves Main Building And Pool Area								
Raceway								
Conduit	70%			2026	$404,600	1		
Conduit	25%			2046	* *	1		
Tray	5%			2024	$28,900	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Building Basement								
Explanation : Metal Tray From Main Service Equipment To Switchgear								
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Fused Disc Sw	5%			2025	$23,900	5	$200	
Molded Case Bkrs	45%			2025	$215,300	5	$2,400	
Molded Case Bkrs	25%			2034	* *	5	$1,400	
Molded Case Bkrs	20%			2042	* *	5	$1,100	
Wiring								
Braided Cloth	75%	2-4	$584,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	25%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2024	$138,100	5	$800	
Locally Mounted	30%			2039	* *	5	$400	
Locally Mounted	10%	2-4	$23,000	2046	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$3,000	
Generic	50%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$63,100	
Generators								
Natural Gas	100%			2035	* *	1	$79,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Roof Of New Wing								
Explanation : 53.6 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$7,600	
Lighting								
Interior Lighting								
Fluorescent	75%			2021	$1,618,100	10	$126,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Main Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2031	* *	10	$25,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Annex								
Explanation : T-8 Lamps								
HID	2%			2026	$29,400	10	$100	
Incandescent	8%			2021	$163,900	2	$300	
Egress Lighting								
Emergency, Service	40%			2034	* *	1		
Emergency, Battery	20%			2026	$49,800	10	$8,900	
Exit, LED	15%			2054	* *	1		
Exit, Service	25%			2021	$12,400	1		
Exterior Lighting								
HID	100%			2031	* *	10	$600	
Alarm								
Security System								
No Component	50%							
Generic	50%			2026	$310,100	1	$38,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Lobby								
Explanation : Internet Protocol Digital Video System								

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2026	$1,274,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	15%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Annex								
Explanation : Serves Rooftop Heating And Cooling Units								
Interruptible Gas/Dual Fuel	85%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Two 12,000 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Furnace	15%	Now	$1,700	2031	* *	1	$12,300	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Control Panel, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Annex Roof								
Explanation : 9 Units								
Steam Boiler	85%	Now	$38,200	2039	* *	1	$139,700	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement Boiler Room								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	85%	Now	$109,500	2036	* *	4	$7,700	
Leak Evident, Extent : Severe, Area Affected : 85%								
Location : Both Vacuum Pumps And Return Line In Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 85%								
Location : Both Vacuum Pumps, Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 85%								
Location : Both Vacuum Pumps, Basement								
No Component	15%							
Terminal Devices								
Air Handler	25%			2031	* *	1	$28,500	
Convector/Radiator	60%			2024	$1,045,400	1	$35,700	
Fan Coil Unit/Heat	5%			2021	$138,100	1	$3,000	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2031	* *	2	$1,700	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 9 Units, Annex Roof								
Window/Wall Unit	40%	Now	$15,200	2021	$151,700	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Multiple Defects Throughout Classrooms And Office								
No Component	45%							
Heat Rejection								
Remote Air Cond	15%			2031	* *	2	$19,300	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$31,800	LIFE	* *	2-5	$102,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Compressor To Operate The Dampers For Pool Area								
Exhaust Fans								
Interior	50%			2021	$102,000	2	$2,800	
Roof	50%			2031	* *	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%	Now	$8,800	2046	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Booster Control System								
Galv Iron/Steel	20%			2024	$110,200	1		
Water Heater								
Gas Fired	100%			2026	$42,900	2	$2,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - 1250 Gallon Unit Serves Main And Annex,1 - 300 Gallon Unit Serves Pool Area								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%	Now	$9,700	2039	* *	4		
Not in Service, Extent : Severe, Area Affected : 10%								
Location : 1 Out Of 2 Pump Is Down, Pool Mechanical Room								

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DEPARTMENT OF EDUCATION - 040
BUSHWICK HIGH SCHOOL - BK
Asset # : 2524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	85%							
Generic	15%			2031	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Annex Only								
Explanation : Partial Coverage								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	85%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 85%								
Location : (1) B-6 (1) 1-6 In Main Building								
Explanation : 2 Units								
Hydraulic	15%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : (1) 1-3 (1) Freight B-2 In Annex								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2046	* *	1-5	$18,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : 100% Coverage In Annex, 5% In Main Building								
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$10,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : 100% Coverage In Annex, 5% In Main Building								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **CAMBRIA HEIGHTS ACADEMY - Q**
Address : **188-04 91ST AVENUE**
Borough : **QUEENS** | **Agency's Number** : **Q799**
Program / Asset # : **BOE1117.000 / 14573** | **Yr Built/Renovated** :
Area Sq Ft : **32,300** | **Project Type** : **EDUCATION**
Date of Survey : **01-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 2,3**
Block : **10443** **Lot** : **1** | **BIN** : **4222072**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$79,300	$79,300
Interior Architecture	$251,900	$477,000
Electrical		$786,000
Total	**$331,200**	**$1,342,400**
Importance Code A	$79,300	$79,300
Importance Code B	$162,500	$1,221,800
Importance Code C	$89,300	$41,200
Total	**$331,200**	**$1,342,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,300		$1,400	
Interior Architecture	$42,100			$9,000
Electrical	$600		$100	$400
Mechanical	$5,200	$4,300	$4,300	$11,800
Total	**$62,100**	**$4,300**	**$5,800**	**$21,200**
Importance Code A	$17,500	$3,200	$4,600	$3,200
Importance Code B	$44,600	$1,100	$1,200	$15,400
Importance Code C				$2,600
Total	**$62,100**	**$4,300**	**$5,800**	**$21,200**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$158,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : School Occupies Basement, 2nd And 3rd Floors								
Explanation : The School Shares Space With A Church. Building Is Former Parochial School.								
Masonry: Limestone	5%			LIFE	* *	5	$6,300	
Windows								
Aluminum	100%			2042	* *	5	$8,500	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$7,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$800	
Metal Rail	10%			2039	* *	5-10	$2,300	
Roof								
Copper/Terne	5%			2041	* *	10	$3,100	
Modified Bitumen	95%			2031	* *	10	$23,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,000	
Terrazzo	20%			LIFE	* *	5	$22,900	
Vinyl Tile	70%			2026	$435,900	3	$25,600	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$5,200	
Plaster	85%			LIFE	* *	5-10	$74,400	
Wood	10%			LIFE	* *	5	$82,400	
Ceilings								
AcousTileSusp.Lay-In	20%	Now	$118,500	2046	* *	5	$7,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Third Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Embossed Metal	25%			LIFE	* *	5	$16,500	
Plaster	55%			LIFE	* *	5-10	$69,200	

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

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DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$6,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch								
Fused Disc Sw	20%			2026	$1,700	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$97,700	5	$100	
Raceway								
Conduit	100%			2026	$52,600	1		
Panelboards								
Fused Disc Sw	10%			2025	$7,500	5	$100	
Molded Case Bkrs	90%			2025	$67,300	5	$800	
Wiring								
Thermoplastic	100%			2026	$66,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$29,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$3,900	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$122,000	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$334,500			

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

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DEPARTMENT OF EDUCATION - 040
CAMBRIA HEIGHTS ACADEMY - Q
Asset # : 14573

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$1,600	
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	$10,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2024	$6,600	1		
No Component	90%							
Ventilation								
Exhaust Fans								
Wall Unit	20%			2026	$9,800	2	$200	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$7,500	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Under Construction	100%							

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

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**CANARSIE HIGH SCHOOL - BK**			
Address	:	**1600 ROCKAWAY PKWY @AVENUE K**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K500**
Program / Asset #	:	**BOE0641.000 / 2741**	**Yr Built/Renovated**	:	**1964 / 2010**
Area Sq Ft	:	**299,500**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**20-Sep-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3**			
Block	:	**8222** **Lot** : **1**	**BIN**	:	**3230949**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,109,700	$2,525,000
Interior Architecture	$3,623,100	$725,500
Electrical	$2,338,900	$5,430,200
Mechanical	$2,195,200	$999,800
Total	**$9,266,900**	**$9,680,500**
Importance Code A	$2,680,400	$2,592,200
Importance Code B	$6,104,300	$7,006,100
Importance Code C	$482,200	$82,200
Total	**$9,266,900**	**$9,680,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$18,100	
Interior Architecture	$67,500			$56,100
Electrical	$19,500	$18,800	$20,500	$19,200
Mechanical	$137,400	$71,800	$74,800	$47,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$232,200**	**$98,500**	**$121,200**	**$131,200**
Importance Code A		$32,000	$50,700	$32,000
Importance Code B	$218,500	$66,600	$70,600	$99,200
Importance Code C	$13,700			
Total	**$232,200**	**$98,500**	**$121,200**	**$131,200**

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

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%	0-2	$627,500	LIFE	* *	5	$208,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$21,200	
Granite Panels	3%			LIFE	* *	5	$5,100	
Windows								
Aluminum	100%			2049	* *	5	$28,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	75%	0-2	$36,400	LIFE	* *	5	$12,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	20%			2037	* *	5-10	$60,800	
Metal: Cage/Fence	5%			2029	* *	5-10	$6,500	
Roof								
Built-Up (BUR)	50%			2024	$783,000	10	$171,000	
IRMA/Protected Membrane	50%	Now	$408,900	2024	$1,363,000			
Insul Miss/Displaced, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : On Insulation								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$52,800	
Ceramic Tile	3%	0-2	$84,200	2027	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 70%								
Location : Throughout								
Panel/Paver: Cer/Brk	2%			2040	* *	5	$21,700	
Quarry Tile	5%	0-2	$277,600	2029	* *	5	$18,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$18,900	
Vinyl Tile	10%	0-2	$123,200	2024	$410,600	3	$18,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	40%			2029	* *	3	$96,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second And Third Floor Labs								
Vinyl Tile	25%	0-2	$102,700	2019	$1,026,600	3	$45,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	5%	4+	$318,600	2052	* *	5	$22,600	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2027	* *	5	$27,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,900	
Marble Panels	5%	Now	$218,400	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout Main Entrance Lobby								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Lobby								
Plaster	30%			LIFE	* *	5	$49,300	
Plaster	20%	0-2	$263,800	LIFE	* *	5	$32,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	$54,800	2029	* *	5	$33,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%	0-2	$399,500	LIFE	* *	5	$38,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	25%	Now	$753,900	LIFE	* *	5	$141,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Corridor(s)								
Deformed/Dented, Extent : Severe, Area Affected : 55%								
Location : Corridor(s)								
Deteriorated Finish, Extent : Severe, Area Affected : 45%								
Location : Corridor(s)								
Plaster	5%	0-2	$29,600	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2024	$33,600	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1500 Amps Main Disconnect Switch								
Fused Disc Sw	40%			2024	$33,600	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	5%			2044	* *	5	$100	
Fused Disc Sw	10%			2024	$48,900	5	$100	
Molded Case Bkrs	85%			2024	$415,400	5	$6,700	
Raceway								
Conduit	95%			2024	$549,100	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$47,800	5	$700	
Molded Case Bkrs	85%			2023	$406,600	5	$6,700	
Molded Case Bkrs	5%			2040	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$584,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$155,900	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	60%	2-4	$138,100	2044	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	40%			2022	$92,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2024	$3,369,000	10	$278,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2019	$77,300	10	$300	
Incandescent	3%			2019	$107,500	2	$200	
Egress Lighting								
Emergency, Battery	50%			2019	$217,600	10	$38,900	
Exit, Service	50%			2019	$43,500	1		
Exterior Lighting								
HID	100%			2019	$1,131,100	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$33,600	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2032	* *	1-3	$133,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$15,900	2034	* *	5	$50,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : One Oil Pump - Basement								

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

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DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,570,700	2044	* *	1	$287,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$23,900	
Terminal Devices								
Air Handler	50%	Now	$17,400	2024	$869,900	1	$89,800	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System								
Convector/Radiator	50%	Now	$30,500	2029	* *	1	$46,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Shut Off Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2019	$232,200	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$55,700	LIFE	* *	2-5	$179,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Locker Room								
Exhaust Fans								
Interior	80%	Now	$28,500	2019	$285,300	2	$6,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Several Motors Of Exhaust Fan Burned Out								
Roof	20%	Now	$51,300	2034	* *	2	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$47,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

DEPARTMENT OF EDUCATION - 040
CANARSIE HIGH SCHOOL - BK
Asset # : 2741

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$22,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement, During And After Heavy Rain								
Sump Pump(s)								
Rigid Piping	98%	Now	$10,800	2034	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Submersible	2%			2017	$100	4		
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2034	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Girls Locker Room In Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : B-3								
Explanation : 1 Unit								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$4,500	
Chemical System								
Dry	5%			2022	$1,300	1-3	$2,500	
No Component	95%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CAREER DEVELOPMENT - M (M751)**		
Address	: **113 E 4 TH ST 10003 BTWN: 1 AVE., 2 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M751**
Program / Asset #	: **BOE0151.000 / 519**	**Yr Built/Renovated**	: **1894 / 2002**
Area Sq Ft	: **41,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **446** **Lot** : **20**	**BIN**	: **1006208**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$341,000	$241,500
Interior Architecture	$843,500	$333,500
Electrical	$54,800	$589,700
Mechanical	$35,900	$874,000
Total	**$1,275,200**	**$2,038,600**
Importance Code A	$341,000	$241,500
Importance Code B	$632,800	$1,797,100
Importance Code C	$301,400	
Total	**$1,275,200**	**$2,038,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,700		$2,800	
Interior Architecture	$42,900		$1,600	$4,700
Electrical	$6,600	$300	$400	$300
Mechanical	$18,600	$7,800	$9,400	$6,000
Total	**$105,700**	**$8,200**	**$14,100**	**$11,100**
Importance Code A	$41,800	$4,200	$6,900	$4,200
Importance Code B	$25,200	$4,000	$7,200	$6,900
Importance Code C	$38,700			
Total	**$105,700**	**$8,200**	**$14,100**	**$11,100**

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

DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%	Now	$191,400	LIFE	* *	5	$91,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout Street Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Lintels, Sills And Decorations								
Masonry: Brick	85%			LIFE	* *	5	$133,200	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Rear Facade								
Windows								
Aluminum	25%			2034	* *	5	$5,500	
Wood	75%			2034	* *	5	$166,100	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	6%			LIFE	* *	5-10	$9,800	
Cast Stone/Terra Cotta	4%			LIFE	* *	5-10	$6,500	
Copper/Terne	7%			2061	* *	5	$1,900	
Masonry: Brick	60%			LIFE	* *	5-10	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Parapets Are Very Low								
Metal Rail	20%	0-2	$1,500	2031	* *	5	$8,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$2,200	
Roof								
Built-Up (BUR)	68%			2031	* *	10	$14,900	
Air/Water Blisters, Extent : Moderate, Area Affected : 25%								
Location : At Roof Penetrations								
Copper/Terne	2%			2041	* *	10	$1,100	
Metal Panel	5%			2031	* *	10	$2,000	
Roll Roofing	5%			2022	$4,500	5	$1,800	
Skylight, Metal/Glass	10%			2046	* *	10	$7,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Opening Over 5th Fl Classroom								
Slate	10%			LIFE	* *	10	$2,200	
Interior								

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

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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms								
Vinyl Tile	55%	Now	$88,600	2026	$295,200	3	$13,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Throughout, At Stair Treads								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	5%	Now	$1,300	2034	* *	3	$1,200	
Uneven Surface, Extent : Severe, Area Affected : 5%								
Location : Thresholds Into Auditorium - Tripping Hazzard								
Wood	35%	Now	$291,500	2041	* *	5	$20,700	
Deflection Evident, Extent : Severe, Area Affected : 25%								
Location : Throughout, Room 306								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								

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

DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	Now	$162,700	2029	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairs, Toilet Rooms								
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Stairs, Toilet Rooms								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Stairs, Toilet Rooms								
Glass: Single Pane	5%	Now	$11,800	LIFE	* *	5	$2,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Masonry: Brick	15%	Now	$23,000	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : At Columns In Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	55%	Now	$138,700	LIFE	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 306, 401, 405, 511, Auditorium, Stairwell								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Gymnasium, Cafeteria								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$3,900	
Ceilings								
Gypsum Board	3%			LIFE	* *	5-10	$6,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Plaster	97%	Now	$160,700	LIFE	* *	5	$38,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Stairwell C								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Reception Area, Cafeteria								

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

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

DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	80%			2026	$55,600	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$5,200	5		
Fused Knife Sw	5%	2-4	$5,200	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Molded Case Bkrs	90%			2042	* *	5	$1,000	
Wiring								
Braided Cloth	60%	2-4	$54,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Thermoplastic	40%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2024	$4,500	5		
Locally Mounted	90%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2026	$374,800	10	$30,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	20%			2031	* *	10	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$28,400	10	$5,100	
Exit, Service	50%			2026	$5,700	1		
Exterior Lighting								
HID	100%			2026	$154,800	10	$100	
Alarm								

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

DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$3,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 3,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$41,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2026	$235,600	4	$2,500	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Steam & Condensate Return Line Connection Points								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond Boiler Room								
Steam Piping/Pump	20%			2046	* *	4	$600	
Terminal Devices								
Convector/Radiator	90%	Now	$35,900	2024	$358,500	1	$11,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control								
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2026	$63,100	1	$1,400	
Malfunctioning, Extent : Moderate, Area Affected : 35%								
Location : First Floor, 1 Of 3 Defective Unit Heater Motors								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$69,400	1		
No Component	20%							
Dehumidifier								
Generic	100%			2030	* *			

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

DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,200	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : First Floor								
Exhaust Fans								
Interior	100%			2021	$46,600	2	$1,300	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$100,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Basement Level								
Water Heater								
Gas Fired	100%			2024	$9,800	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Fuel / Instantanious Type								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Toilet Room, Leaky Toilet Drain Pipe								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughtout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 25%								
Location : Roof Perimeter, 2 Of 8 Cracked Leaders								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
CAREER DEVELOPMENT - M (M751)
Asset # : 519

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Storage Areas								
Explanation : Serves Storage Areas								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CASCADES HIGH SCHOOL - M**		
Address	: **198 FORSYTH STREET @ STANTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M650**
Program / Asset #	: **BOE0137.000 / 1629**	**Yr Built/Renovated**	: **1908 / 2009**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **422** **Lot** : **72**	**BIN**	: **1005626**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$164,900
Interior Architecture		$57,600
Electrical	$1,042,900	$544,400
Mechanical	$112,500	$40,800
Total	**$1,155,400**	**$807,700**
Importance Code A		$201,900
Importance Code B	$1,155,400	$605,800
Total	**$1,155,400**	**$807,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,400	$11,800		$35,000
Interior Architecture		$12,200	$2,600	$12,500
Electrical	$10,400	$1,100	$1,600	$9,700
Mechanical	$65,700	$10,700	$14,800	$9,800
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$84,300**	**$40,600**	**$23,900**	**$71,900**
Importance Code A	$10,200	$18,600	$6,800	$41,900
Importance Code B	$74,200	$18,800	$17,100	$30,000
Importance Code C		$3,200		
Total	**$84,300**	**$40,600**	**$23,900**	**$71,900**

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

DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$79,000	
Masonry: Brick	85%			LIFE	* *	5	$85,900	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%			2041	* *	5	$25,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,700	
Copper/Terne	5%			2045	* *	5	$1,200	
Masonry: Brick	65%			LIFE	* *	5	$3,100	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : Throughout								
Metal Rail	10%			2042	* *	5-10	$8,600	
Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout								
Metal Security Bars	5%			2040	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	80%			2030	* *	10	$34,400	
Copper/Terne	5%			2053	* *	10	$5,400	
Metal Panel	15%			2038	* *	10	$11,800	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$5,100	
Marble Panels	5%			LIFE	* *	5	$3,800	
Sheet Vinyl/Rubber	10%			2030	* *	5	$15,400	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	70%			2030	* *	3	$26,900	
Wood	5%			2040	* *	5	$9,600	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$6,400	
Masonry: Brick	15%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$30,700	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	90%			LIFE	* *	5	$57,600	

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

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$73,300	5	$200	
Fused Disc Sw	50%			2035	* *	5	$200	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	20%			2033	* *	5	$400	
Molded Case Bkrs	70%			2024	$94,200	5	$1,400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$300	
Motor Control Center	50%			2030	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	22%			2025	$167,100	10	$13,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement, Gymnasium								
Fluorescent	75%			2020	$569,700	10	$47,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2025	$15,200	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Staircase								
Incandescent	1%			2020	$7,600	2		
Egress Lighting								
Emergency, Battery	50%			2025	$46,100	10	$8,300	
Exit, Service	50%			2025	$9,200	1		
Exterior Lighting								
HID	100%			2020	$287,000	10	$200	
Alarm								

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DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns And Smoke Detectors, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$67,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$23,900	2035	* *	4	$3,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : Losing Water From Steam Return System								
Terminal Devices								
Air Handler	20%			2030	* *	1	$8,500	
Convector/Radiator	80%	Now	$25,800	2038	* *	1	$15,900	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$112,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,100	

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

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

DEPARTMENT OF EDUCATION - 040
CASCADES HIGH SCHOOL - M
Asset # : 1629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2030	* *	2	$1,000	
Roof	50%			2030	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$800	2023	$40,800	1		
Loose, Extent : Moderate, Area Affected : 50%								
Location : Water Main Near The Boilers								
Water Heater								
Under Construction	100%							
Sanitary Piping								
Cast Iron	100%	Now	$7,400	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$24,000	1-2	$600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**CESIAH TORO MELLAN SCHOOL - BK**			
Address	:	**696 JAMAICA AVENUE @ RICHMOND ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K798**
Program / Asset #	:	**BOE1088.000 / 14439**	**Yr Built/Renovated**	:	**2009 /**
Area Sq Ft	:	**98,435**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**10-Nov-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**4102** **Lot** : **19**	**BIN**	:	**3327184**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$57,500	$330,100
Interior Architecture	$164,000	$93,700
Electrical		$78,500
Total	**$221,500**	**$502,400**
Importance Code A	$57,500	$330,100
Importance Code B	$164,000	$172,300
Total	**$221,500**	**$502,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,400	$10,900		
Interior Architecture	$25,400	$16,100	$18,300	
Electrical	$11,600	$9,600	$7,900	$7,900
Mechanical	$61,100	$18,000	$30,100	$17,200
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$162,300**	**$69,300**	**$71,100**	**$39,900**
Importance Code A	$54,400	$15,800	$4,900	$4,900
Importance Code B	$94,200	$53,500	$62,000	$35,000
Importance Code C	$13,700		$4,200	
Total	**$162,300**	**$69,300**	**$71,100**	**$39,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$114,900	
Metal Panel	20%			2052	* *	5-10	$98,800	
Windows								
Aluminum	100%			2048	* *	5	$21,800	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$37,800	
Metal Panel	50%			2052	* *	5	$7,100	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$200,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Ceramic Tile	5%			2039	* *	5	$5,400	
Vinyl Tile	85%			2034	* *	3	$34,100	
Wood	5%			2061	* *	5	$10,000	
Interior Walls								
Ceramic Tile	30%			2039	* *	5	$8,400	
Concrete Masonry Unit	40%			LIFE	* *	5	$8,900	
Gypsum Board	30%			LIFE	* *	5-10	$14,300	
Ceilings								
AcousTileSusp.Lay-In	30%			2043	* *	5	$32,100	
Gypsum Board	70%			LIFE	* *	5-10	$257,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								

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

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$30,300	
Generators								
Diesel	100%			2039	* *	1	$38,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 255 Kw Supplied Emergency Power To Fire Pump & Lighting								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2061	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	87%			2036	* *	10	$78,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2034	* *	10	$9,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2034	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Door, Main Hallway And Rear Door								
Explanation : Camera								
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2034	* *			

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

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2031	* *	1	$48,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,900	
Exhaust Fans								
Roof	100%			2034	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$22,900	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-5								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B - G								
Explanation : 1 Unit								
Fire Suppression								

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

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

DEPARTMENT OF EDUCATION - 040
CESIAH TORO MELLAN SCHOOL - BK
Asset # : 14439

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$49,600	
Sprinkler								
Generic	100%			2052	* *	1-2	$27,600	
Fire Pump								
Generic	100%			2039	* *	1	$18,400	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CHELSEA VOCATIONAL H.S. - M**		
Address	: **131 AVENUE OF AMERICAS @ BROOME ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M615**
Program / Asset #	: **BOE0143.000 / 2698**	**Yr Built/Renovated**	: **1905 / 2011**
Area Sq Ft	: **99,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jun-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **491** **Lot** : **16**	**BIN**	: **1007378**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$362,400	$254,600
Interior Architecture	$362,600	$574,400
Electrical	$102,200	$524,800
Mechanical	$147,200	$1,431,100
Total	**$974,400**	**$2,784,900**
Importance Code A	$362,400	$254,600
Importance Code B	$497,800	$2,487,600
Importance Code C	$114,200	$42,700
Total	**$974,400**	**$2,784,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,900		$8,300	$3,000
Interior Architecture	$46,700		$5,000	$6,700
Electrical	$2,600	$1,700	$700	$1,400
Mechanical	$85,500	$16,500	$42,100	$13,700
Total	**$178,700**	**$18,300**	**$56,200**	**$24,800**
Importance Code A	$53,000	$8,900	$17,200	$11,900
Importance Code B	$101,400	$9,400	$39,000	$12,900
Importance Code C	$24,400			
Total	**$178,700**	**$18,300**	**$56,200**	**$24,800**

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

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$310,500	
Masonry: Brick	75%			LIFE	* *	5	$198,700	
Masonry: Limestone	5%			LIFE	* *	5	$9,900	
Stucco Cement	5%			2039	* *	5	$16,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	97%	Now	$69,000	2042	* *	5	$16,500	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%	Now	$28,600	2051	* *	5	$5,100	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Split/Cracked, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5-10	$53,300	
Copper/Terne	20%			2070	* *	5	$6,100	
Masonry: Brick	20%			LIFE	* *	5-10	$8,600	
Metal Panel	20%			2052	* *	5	$4,900	
Slate	10%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	40%			2034	* *	10	$22,500	
IRMA/Protected Membrane	60%			2034	* *	10	$33,800	
Interior								
Floors								
Cast in Place Concrete	7%	Now	$4,900	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$3,900	2035	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%			2031	* *	3	$15,100	
Vinyl Tile	40%	Now	$45,600	2026	$456,200	3	$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	20%	4+	$44,200	2041	* *	5	$25,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$2,800	2029	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%	Now	$16,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	7%			LIFE	* *	10	$5,300	
Plaster	85%	Now	$114,200	LIFE	* *	5	$42,700	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Window Heads Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$2,700	2031	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%	Now	$10,800	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	90%	Now	$158,500	LIFE	* *	5	$75,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Around Perimeter Windows Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Service Size (2) 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	50%			2052	* *	1		
Conduit	50%			2026	$86,300	1		
Panelboards								
Molded Case Bkrs	50%			2048	* *	5	$1,300	
Molded Case Bkrs	50%			2025	$89,700	5	$1,300	
Wiring								
Braided Cloth	40%	2-4	$102,200	2051	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2052	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$82,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamps T-8								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	20%			2031	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$60,300	1	$7,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$206,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Oil #2 With Two Tanks Of 4000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$88,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 #2 Oil Burning Steam Boilers								

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

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

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$62,600	2056	* *	4	$400	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement, Deteriorating Steam And Condensate Piping								
Steam Piping/Pump	90%			2026	$563,200	4	$6,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	35%			2021	$169,100	1	$19,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Air Handler	5%	0-2	$24,200	2036	* *	1	$2,500	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Defective Climate Control System								
Convector/Radiator	45%			2024	$380,900	1	$13,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	10%	0-2	$84,700	2046	* *	1	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Defective Climate Control System, Defective Steam Traps								
Fan Coil Unit/Heat	5%			2021	$67,100	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	10%			2026	$41,400			
Window/Wall Unit	10%	0-2	$18,400	2026	$18,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	65%			2021	$119,800	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,100	
Exhaust Fans								
Roof	100%			2021	$71,200	2	$2,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement, Installation In Progress								

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

DEPARTMENT OF EDUCATION - 040
CHELSEA VOCATIONAL H.S. - M
Asset # : 2698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2019	$20,800	2	$1,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2036	* *	1	$5,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)**		
Address	: **1171 65TH STREET BTWN: 11 AVE., 12 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K486**
Program / Asset #	: **BOE0638.000 / 1230**	**Yr Built/Renovated**	: **1923 / 2015**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5745** **Lot** : **29**	**BIN**	: **3142008**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$302,100	$344,100
Interior Architecture	$1,123,900	$808,500
Electrical	$379,400	$1,521,400
Mechanical	$164,400	$591,800
Total	**$1,969,900**	**$3,265,700**
Importance Code A	$339,100	$344,100
Importance Code B	$1,148,200	$2,921,700
Importance Code C	$482,500	
Total	**$1,969,900**	**$3,265,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,800		$4,000	
Interior Architecture	$101,000		$2,600	$11,200
Electrical	$2,000	$600	$700	$1,500
Mechanical	$87,300	$14,600	$19,400	$18,200
Total	**$230,000**	**$15,200**	**$26,800**	**$30,900**
Importance Code A	$46,700	$7,000	$11,000	$7,000
Importance Code B	$157,100	$8,300	$15,800	$23,900
Importance Code C	$26,200			
Total	**$230,000**	**$15,200**	**$26,800**	**$30,900**

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

DEPARTMENT OF EDUCATION - 040
CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)
Asset # : 1230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$162,100	
Other Observation, Extent : Light, Area Affected : 66%								
Location : Throughout								
Explanation : Exteror Repairs								
Masonry: Brick	85%			LIFE	* *	5	$176,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$7,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Wood	100%			2042	* *	5	$265,800	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$13,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$30,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2031	* *	10	$41,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2039	* *	10	$4,000	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,500	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$5,300	
Terrazzo	5%	Now	$24,400	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	85%	Now	$227,800	2026	$759,200	3	$33,500	
Broken/Missing Elements, Extent : Light, Area Affected : 7%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)

Asset # : 1230

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$20,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$54,300	2029	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Gypsum Board	10%	Now	$5,400	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$102,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	Now	$52,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$273,700	LIFE	* *	5	$25,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$19,500	2031	* *	5	$5,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%	Now	$25,400	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	75%	Now	$413,600	LIFE	* *	5	$49,200	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 40%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$37,000	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								

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

DEPARTMENT OF EDUCATION - 040
CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)
Asset # : 1230

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%	2-4	$146,600	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	80%			2025	$107,600	5	$1,600	
Molded Case Bkrs	10%			2034	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	88%			2021	$686,100	10	$56,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2026	$78,000	10	$6,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	2%			2021	$15,600	2		
Egress Lighting								
Emergency, Battery	50%			2026	$47,300	10	$8,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$294,600	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$47,200	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$161,600			

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

DEPARTMENT OF EDUCATION - 040
CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)
Asset # : 1230

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$69,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$49,000	2046	* *	4	$3,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Steam Traps And Thermostats. Various Locations								
Terminal Devices								
Air Handler	25%	Now	$4,700	2021	$94,600	1	$9,800	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Convector/Radiator	75%			2024	$497,200	1	$17,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$115,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,000	
Exhaust Fans								
Interior	100%	Now	$31,000	2031	* *	2	$1,700	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$4,200	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%			2024	$16,300	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gal								
Sanitary Piping								
Cast Iron	100%	0-2	$7,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040

CHRISTA MCAULIFFE SCHOOL - BK (I.S. 187 - BK)

Asset # : 1230

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **CHRISTOPHER COLUMBUS H.S. - BX**
Address : **925 ASTOR AVE.**
Borough : **BRONX**
Agency's Number : **X415**
Program / Asset # : **BOE0322.000 / 352**
Yr Built/Renovated : **1939 / 2009**
Area Sq Ft : **262,000**
Project Type : **EDUCATION**
Date of Survey : **26-Feb-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4358** **Lot** : **1**
BIN : **2050179**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$886,800	$109,800
Interior Architecture	$880,600	$491,700
Electrical	$358,600	$3,025,200
Mechanical	$60,000	$2,272,100
Total	**$2,186,000**	**$5,898,800**
Importance Code A	$886,800	$109,800
Importance Code B	$1,076,000	$5,736,100
Importance Code C	$223,200	$52,800
Total	**$2,186,000**	**$5,898,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,000			
Interior Architecture	$27,000	$14,500		
Electrical	$11,800	$4,800	$2,300	$68,500
Mechanical	$85,300	$42,300	$66,900	$46,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$175,000**	**$65,500**	**$73,200**	**$119,200**
Importance Code A	$72,500	$25,600	$25,600	$26,000
Importance Code B	$75,500	$40,000	$47,600	$93,200
Importance Code C	$27,000			
Total	**$175,000**	**$65,500**	**$73,200**	**$119,200**

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

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$331,300	LIFE	* *	5	$109,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	25%			LIFE	* *	5	$27,400	
Windows								
Aluminum	95%	Now	$493,500	2041	* *	5	$29,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%	Now	$30,900	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$12,900	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
Built-Up (BUR)	85%	Now	$62,000	2030	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Copper/Terne	15%	0-2	$16,000	2053	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$84,500	
Ceramic Tile	5%	Now	$112,300	2028	* *	5	$9,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$15,100	
Vinyl Tile	30%			2030	* *	3	$43,500	
Wood	50%			2040	* *	5	$362,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$27,000	2034	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	20%	2-4	$152,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	45%	Now	$70,600	LIFE	* *	5	$52,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$7,600	
Plaster	85%	Now	$364,000	LIFE	* *	5	$173,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Class Rooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2035	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2051	* *	5	$200	
Molded Case Bkrs	80%			2035	* *	5	$5,500	
Raceway								
Conduit	95%			2035	* *	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$600	
Molded Case Bkrs	80%			2033	* *	5	$5,500	
Molded Case Bkrs	10%			2047	* *	5	$700	
Wiring								
Thermoplastic	90%			2025	$701,700	1		
Thermoplastic	10%			2051	* *	1		

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

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$1,800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	72%			2025	$2,064,000	10	$170,400	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2030	* *	10	$47,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$41,200	10	$200	
Incandescent	6%			2020	$172,000	2	$300	
Egress Lighting								
Emergency, Battery	10%			2030	* *	10	$6,200	
Emergency, Battery	40%			2020	$139,200	10	$24,900	
Exit, Service	45%			2020	$31,300	1		
Exit, Service	5%			2030	* *	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$19,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

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

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$255,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 5 Boilers. 1 Heat Exchanger To Provide Hot Water Heating In Basement								
Distribution								
Hot Wtr Piping/Pump	10%			2041	* *	4	$1,900	
Steam Piping/Pump	90%	Now	$32,400	2035	* *	4	$11,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Tank In Basement Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : 3 Out Of 5 Boiler Head Valves In Basement.								
Terminal Devices								
Air Handler	20%			2025	$278,300	1	$31,900	
Convector/Radiator	50%			2030	* *	1	$41,700	
Fan Coil Unit/Heat	30%			2025	$1,159,300	1	$25,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2025	$87,600	1	$12,000	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	60%			2023	$318,300	1		
No Component	30%							
Heat Rejection								
Remote Air Cond	10%			2025	$107,900	2	$18,000	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$143,900	
Exhaust Fans								
Interior	90%			2025	$256,700	2	$7,100	
Roof	10%			2025	$20,500	2	$800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$60,000	2	$3,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	

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

DEPARTMENT OF EDUCATION - 040
CHRISTOPHER COLUMBUS H.S. - BX
Asset # : 352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	40%							
Generic	60%			2030	* *	1	$9,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$3,600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CITY AS SCHOOL ALT. H.S. - M**				
Address	: **16 CLARKSON ST. BTWN: 7 AVE. SOUTH, HUDSON ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M641**
Program / Asset #	: **BOE0146.000 / 541**			**Yr Built/Renovated**	: **1911 / 2014**
Area Sq Ft	: **111,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Nov-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **581**	**Lot**	: **54**	**BIN**	: **1009757**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,646,600	$252,600
Interior Architecture	$1,721,200	$167,700
Electrical	$208,900	$1,478,800
Mechanical	$146,000	$1,653,300
Total	**$4,722,700**	**$3,552,400**
Importance Code A	$2,646,600	$265,200
Importance Code B	$1,626,400	$3,247,600
Importance Code C	$449,600	$39,600
Total	**$4,722,700**	**$3,552,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,800	$5,500	$18,700	
Interior Architecture	$49,800		$4,900	$12,600
Electrical	$46,800		$400	$600
Mechanical	$59,700	$18,200	$27,900	$17,700
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$204,100**	**$28,700**	**$56,900**	**$35,900**
Importance Code A	$83,500	$16,800	$30,000	$11,300
Importance Code B	$86,600	$11,900	$26,900	$24,500
Importance Code C	$33,900			
Total	**$204,100**	**$28,700**	**$56,900**	**$35,900**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$165,700	
Copper/Terne	5%			2061	* *	10	$24,900	
Masonry: Brick	70%			LIFE	* *	5	$297,000	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	5	$42,400	
Masonry: Limestone	10%			LIFE	* *	5	$31,800	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	92%	Now	$2,311,100	2051	* *	5	$27,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Glass Block	3%			LIFE	* *	5	$2,200	
Metal Louvers	5%			2029	* *	10	$18,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,000	
Masonry: Brick	80%	2-4	$35,900	LIFE	* *	5	$12,400	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Exterior Side Of Parapet Wall Throughout								
Metal Rail	5%			2043	* *	5-10	$14,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$19,500	
Roof								
Built-Up (BUR)	55%			2034	* *	10	$32,700	
Metal Panel	2%			2031	* *	10	$2,200	
Panel/Paver: Cer/Brk	35%	Now	$47,000	2052	* *			
Drains Clogged, Extent : Severe, Area Affected : 10%								
Location : Northeast Corner Of North Courtyard								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : North Courtyard, Main Stair At Sidewalk								
Under Construction	8%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Location Of New Elevator Bulkhead								
Explanation : Water Infiltrating Through Cut Out In Roof.								
Interior								

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$74,800	
Ceramic Tile	6%			2035	* *	5	$10,300	
Mosaic Tile	4%			2031	* *	5	$17,100	
Marble Panels	2%			LIFE	* *	5	$5,100	
Terrazzo	10%			LIFE	* *	5	$26,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corridor								
Vinyl Tile	35%	Now	$508,600	2036	* *	3	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Entrance, Cafeteria, Auditorium								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Auditorium And Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	23%			2031	* *	3	$14,700	
Wood	5%			2041	* *	5	$16,000	
Wood	5%			2061	* *	5	$16,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$26,600	
Ceramic Tile	10%	2-4	$176,200	2029	* *	5	$10,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors And Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors And Stairs								
Metal Panel	5%			LIFE	* *	10	$4,800	
Marble Panels	3%			LIFE	* *	10	$2,600	
Plaster	62%	2-4	$211,700	LIFE	* *	5	$39,600	
Misaligned/Bulging, Extent : Light, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	15%	2-4	$61,800	LIFE	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	15%	Now	$539,900	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Boiler Room								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Sidewalk Vault At Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Hazardous Condition - Falling Chunks Of Corroded Steel								
Plaster	80%	2-4	$179,400	LIFE	* *	5	$85,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Plaster	5%	2-4	$6,300	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%	2-4	$29,400	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Swicth For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$500	
Raceway								
Conduit	80%			2026	$166,900	1		
Conduit	20%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	50%			2042	* *	5	$1,500	
Molded Case Bkrs	40%			2025	$71,800	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	40%			2024	$46,000	5	$300	
Locally Mounted	60%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Lighting								
Interior Lighting								
Fluorescent	10%			2021	$126,800	10	$10,500	
Other Observation, Extent : Moderate, Area Affected : 65%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	85%			2031	* *	10	$89,000	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2021	$63,400	2	$100	
Egress Lighting								
Emergency, Battery	15%			2021	$23,100	10	$4,100	
Emergency, Battery	35%			2031	* *	10	$9,600	
Exit, Service	30%			2036	* *	1		
Exit, Service	20%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$419,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$459,900			

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

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 7,500 Gallon Tank For #2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$113,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Boilers								
Distribution								
Steam Piping/Pump	80%	Now	$63,800	2026	$637,800	4	$4,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Condensate Return Steam Line, Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Steam Piping/Pump	20%			2046	* *	4	$1,700	
Terminal Devices								
Air Handler	48%			2026	$295,500	1	$33,900	
Air Handler	2%	0-2	$12,300	2036	* *	1	$1,300	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	45%			2024	$485,300	1	$16,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout, New Thermostatic Steam Traps Observed								
Convector/Radiator	5%	0-2	$53,900	2046	* *	1	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Defective Temperature Control Systems								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	$234,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,800	

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DEPARTMENT OF EDUCATION - 040
CITY AS SCHOOL ALT. H.S. - M
Asset # : 541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%	Now	$3,200	2021	$31,600	2	$700	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : House Exhaust, Sub Basement								
Roof	70%			2031	* *	2	$2,400	
Roof	5%	0-2	$4,500	2036	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof, Multiple Mechanical And / Or Electrical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	50%	Now	$13,300	2026	$13,300	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement, Defective Hot Water Heater								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Boiler Room								
Explanation : One 400 Gallon Unit								
Gas Fired	50%			2025	$13,300	2	$800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement, Temporary Backup Unit Installed								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : East And West Risers								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boilers Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$6,400	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CLARA BARTON HIGH SCHOOL - BK**		
Address	: **901 CLASSON AVE @ WASHINGTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K600**
Program / Asset #	: **BOE0647.000 / 1210**	**Yr Built/Renovated**	: **1940 / 2010**
Area Sq Ft	: **200,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1187** **Lot** : **1**	**BIN**	: **3029686**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$236,600	$342,800
Interior Architecture	$525,900	$415,900
Electrical	$389,000	$1,276,300
Mechanical	$1,186,400	$1,315,000
Total	**$2,337,800**	**$3,350,000**
Importance Code A	$1,195,600	$342,800
Importance Code B	$1,142,200	$2,958,000
Importance Code C		$49,300
Total	**$2,337,800**	**$3,350,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,400	$30,400		
Interior Architecture	$26,200		$11,100	$5,500
Electrical	$17,200	$5,600	$5,000	$3,800
Mechanical	$14,000	$57,700	$44,700	$27,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$69,700**	**$97,700**	**$64,700**	**$40,500**
Importance Code A	$8,400	$50,300	$19,500	$19,500
Importance Code B	$61,300	$47,300	$45,200	$21,000
Total	**$69,700**	**$97,700**	**$64,700**	**$40,500**

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$106,200	
Masonry: Granite	5%			LIFE	* *	5	$4,200	
Windows								
Wood	100%			2048	* *	5	$473,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	75%	Now	$8,400	2028	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Over Room No. 450								
Modified Bitumen	25%			2028	* *	10	$30,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,300	
Ceramic Tile	5%			2032	* *	5	$14,700	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	30%			2028	* *	3	$33,200	
Vinyl Tile	15%	Now	$18,800	2018	$376,100	3	$16,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Rooms No. 118, 121, 133, 153								
Explanation : 9 X 9 Size								
Wood	40%			2038	* *	5	$221,100	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$49,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$46,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$5,800	
Fiber Board	10%			2023	$162,700			
Plaster	60%	Now	$39,200	LIFE	* *	5	$93,400	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Room No. 450								

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$900	
Raceway								
Conduit	90%			2023	$260,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$12,700	2048	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	30%			2022	$76,200	5	$1,600	
Molded Case Bkrs	45%			2031	* *	5	$2,400	
Molded Case Bkrs	20%			2039	* *	5	$1,100	
Wiring								
Braided Cloth	30%	2-4	$117,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Thermoplastic	50%			2033	* *	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2028	* *	5	$300	
Locally Mounted	50%			2021	$57,600	5	$700	
Motor Control Center	30%			2028	* *	5	$1,600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,500	
Generic	50%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	20%			2028	* *	10	$36,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1,2,3,4 Floors Hallways								
Explanation : Using T-12 Lamps								
Fluorescent	70%			2028	* *	10	$126,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	5%			2023	$78,600	10	$300	
Incandescent	5%			2018	$109,400	2	$200	

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DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2023	$48,500	1		
Exit, Service	50%			2023	$26,600	1		
Exterior Lighting								
HID	100%			2023	$755,300	10	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$14,900	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$24,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$61,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	2-4	$959,000	2043	* *	1	$175,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$14,600	
Terminal Devices								
Air Handler	20%			2023	$212,400	1	$24,400	
Convector/Radiator	60%			2028	* *	1	$38,200	
Fan Coil Unit/Heat	20%			2023	$590,000	1	$12,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$40,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$109,900	

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

DEPARTMENT OF EDUCATION - 040
CLARA BARTON HIGH SCHOOL - BK
Asset # : 1210

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2023	$196,000	2	$5,400	
Roof	10%			2023	$15,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2033	* *	1		
Galv Iron/Steel	15%			2028	* *	1		
HW Heat Exchanger								
HTHW/HW	50%	Now	$227,300	2053	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Needs Replacement								
HTHW/HW	50%			2023	$227,300			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,800	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)**
Address : **347 BALTIC STREET (NEAR SMITH ST.)**
Borough : **BROOKLYN**
Agency's Number : **K804**
Program / Asset # : **BOE0662.000 / 2683**
Yr Built/Renovated : **1907 / 2008**
Area Sq Ft : **96,000**
Project Type : **EDUCATION**
Date of Survey : **11-Dec-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **397** **Lot** : **11**
BIN : **3006356**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$301,000	$163,800
Interior Architecture	$53,500	$148,900
Electrical	$228,600	$354,900
Mechanical	$53,300	$129,300
Total	**$636,400**	**$797,000**
Importance Code A	$301,000	$163,800
Importance Code B	$281,900	$633,100
Importance Code C	$53,500	
Total	**$636,400**	**$797,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,300			
Interior Architecture	$27,500		$10,500	$97,100
Electrical	$2,400	$2,600	$3,400	$2,200
Mechanical	$51,400	$16,300	$30,100	$17,100
Total	**$105,500**	**$18,900**	**$44,000**	**$116,300**
Importance Code A	$32,800	$8,600	$8,800	$8,600
Importance Code B	$66,200	$10,300	$35,200	$107,800
Importance Code C	$6,500			
Total	**$105,500**	**$18,900**	**$44,000**	**$116,300**

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

DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$47,300	
Masonry: Brick	65%			LIFE	* *	5	$78,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,500	
Stucco Cement	25%			2037	* *	5	$75,700	
Windows								
Aluminum	100%	Now	$263,200	2040	* *	5	$15,700	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,600	
Masonry: Brick	65%			LIFE	* *	5	$4,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Stucco Cement	20%			2037	* *	5	$3,700	
Roof								
Built-Up (BUR)	75%	Now	$22,400	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Paver: Asphalt	25%			2033	* *	10	$24,400	
Interior								
Floors								
Carpet	5%			2020	$82,500	3	$12,900	
Cast in Place Concrete	10%			LIFE	* *	5	$28,300	
Ceramic Tile	5%			2027	* *	5	$6,500	
Terrazzo	5%			LIFE	* *	5	$5,100	
Traffic Topping	5%			2024	$80,200	5	$8,100	
Vinyl Tile	70%			2029	* *	3	$45,300	
Interior Walls								
Ceramic Tile	6%	Now	$53,500	2027	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Landings								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings								
Glass Block	2%			LIFE	* *			
Glass: Single Pane	2%			LIFE	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$29,100	
Plaster	5%	Now	$6,500	LIFE	* *	5	$2,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stair Landings								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$12,900	
AcousTileSusp.Lay-In	5%			2037	* *	5	$6,500	
Plaster	85%			LIFE	* *	5	$68,700	

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

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

DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2500 Amps								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$2,500	
Raceway								
Conduit	80%			2024	$138,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Molded Case Bkrs	60%			2023	$107,600	5	$1,500	
Molded Case Bkrs	20%			2046	* *	5	$500	
Molded Case Bkrs	20%			2032	* *	5	$500	
Wiring								
Braided Cloth	60%	0-2	$153,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	20%			2024	$51,100	1		
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$75,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
HID	5%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$58,100	1	$7,200	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2032	* *	1-3	$12,200	

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

DEPARTMENT OF EDUCATION - 040
COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)
Asset # : 2683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$85,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,200	2044	* *	4	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Line, Steam Piping In Rooms 303, 214, 204 And Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2029	* *	1	$10,700	
Convector/Radiator	70%			2029	* *	1	$19,500	
Fan Coil Unit/Heat	10%	Now	$6,500	2024	$129,300	1	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gym								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2028	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Refrigerant 407 C								
Window/Wall Unit	30%			2019	$53,300	1		
No Component	60%							
Terminal Devices								
Fan Coil - Cooling	10%			2029	* *	1	$2,800	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	* *	2	$6,000	
Remote Air Cond	10%			2032	* *	2	$6,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,200	
Exhaust Fans								
Interior	90%			2032	* *	2	$2,400	
Roof	10%			2032	* *	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040

COBBLE HILL SCHOOL OF AMERICAN STUDIES - (OLD PS 6 - BK)

Asset # : 2683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$20,100	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2044	* *	1-2	$6,000	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **COMM. SCHL. COMP. ED. P. S. 932 - BK**
Address : **631 BELMONT AVENUE BTWN: JEROME ST., BARBEY ST.**
Borough : **BROOKLYN**
Agency's Number : **K932**
Program / Asset # : **BOE0668.000 / 4419**
Yr Built/Renovated : **1927 / 2001**
Area Sq Ft : **20,000**
Project Type : **EDUCATION**
Date of Survey : **16-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Floors 1,3**
Block : **4014** **Lot** : **34** **BIN** : **3089171**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$658,900	
Interior Architecture	$369,900	
Electrical		$243,400
Mechanical		$205,100
Total	**$1,028,800**	**$448,500**
Importance Code A	$658,900	
Importance Code B	$305,300	$448,500
Importance Code C	$64,600	
Total	**$1,028,800**	**$448,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,300			
Interior Architecture	$65,400			$3,300
Electrical	$27,400	$100	$400	$100
Mechanical	$13,200	$3,800	$11,100	$2,900
Total	**$108,300**	**$3,900**	**$11,500**	**$6,400**
Importance Code A	$4,300	$2,000	$2,000	$2,000
Importance Code B	$98,200	$1,900	$9,500	$4,300
Importance Code C	$5,800			
Total	**$108,300**	**$3,900**	**$11,500**	**$6,400**

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

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$92,100	LIFE	* *	5	$8,200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Steps								
Masonry: Brick	85%	Now	$251,400	LIFE	* *	5	$27,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : West Facade								
Masonry: Limestone	10%	Now	$71,400	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$81,500	2042	* *	5	$4,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$69,000	LIFE	* *	5	$4,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East And West Parapets								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : East And West Parapets								
Pre-Cast Concrete	5%	Now	$2,300	LIFE	* *	5	$1,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Modified Bitumen	100%	0-2	$93,500	2036	* *			1
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%								
Location : West Facade								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : East And West Sides								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Over Rooms 303, 304, Stair								
Interior								

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

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$1,600	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%	Now	$3,600	2029	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%	Now	$5,500	2031	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entrance Lobby								
Vinyl Tile	25%	Now	$65,500	2036	* *	3	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms & Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	60%	0-2	$203,500	2036	* *	3	$6,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,100	
Plaster	70%	Now	$64,600	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304, Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304, Cafeteria And Rear Stairwell								
Plaster	20%			LIFE	* *	5-10	$6,500	
Ceilings								
Embossed Metal	5%	0-2	$27,100	LIFE	* *	5	$700	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	30%	Now	$36,400	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 103, 203, 303, 304 Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Rooms 103, 203, 303, 304 Cafeteria								
Plaster	65%			LIFE	* *	5-10	$34,400	

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

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

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

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service: 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$81,100	5	$100	
Raceway								
Conduit	100%			2026	$22,200	1		
Panelboards								
Fused Disc Sw	25%			2034	* *	5	$100	
Molded Case Bkrs	25%	2-4	$7,500	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	50%			2034	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$19,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2026	$4,900	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$18,500	
Other Observation, Extent : Moderate, Area Affected : 98%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2026	$3,300	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Mercury								
Egress Lighting								
Emergency, Service	25%			2034	* *	1		
Emergency, Service	25%			2021	$2,500	1		
Exit, Service	50%			2021	$2,800	1		
Exterior Lighting								
HID	100%			2021	$75,500	10	$100	
Alarm								

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

DEPARTMENT OF EDUCATION - 040
COMM. SCHL. COMP. ED. P. S. 932 - BK
Asset # : 4419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$12,100	1	$1,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$41,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$6,400	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$20,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$2,900	2026	$143,600	4	$1,000	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	10%			2026	$11,100	1	$1,300	
Convector/Radiator	90%			2031	* *	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$33,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,200	
Exhaust Fans								
Roof	100%			2026	$16,400	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$61,400	1		
Water Heater								
Oil Fired	100%			2021	$6,400	1	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	

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

DEPARTMENT OF EDUCATION - 040

COMM. SCHL. COMP. ED. P. S. 932 - BK

Asset # : 4419

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)**
Address : **109 RHINE AVE. @STEUBEN & TARGEE STS.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0953.000 / 1203**
Area Sq Ft : **27,000**
Date of Survey : **13-Dec-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **2885** **Lot** : **1**

Agency's Number : **R470**
Yr Built/Renovated : **1894 / 2015**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5043479**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$155,000	$36,800
Interior Architecture	$198,300	
Electrical	$364,400	$41,200
Mechanical		$463,200
Total	**$717,600**	**$541,200**
Importance Code A	$155,000	$36,800
Importance Code B	$479,900	$504,400
Importance Code C	$82,800	
Total	**$717,600**	**$541,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,600		$2,700	
Interior Architecture	$12,000		$1,100	$2,000
Electrical	$1,200	$1,000	$33,700	$1,000
Mechanical	$4,000	$3,300	$3,300	$3,900
Total	**$22,800**	**$4,300**	**$40,900**	**$7,000**
Importance Code A	$8,000	$2,400	$5,200	$2,400
Importance Code B	$14,800	$1,900	$35,700	$4,600
Importance Code C				
Total	**$22,800**	**$4,300**	**$40,900**	**$7,000**

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

DEPARTMENT OF EDUCATION - 040

CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)

Asset # : 1203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$6,700	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$10,400	
Masonry: Brick	90%	Now	$72,300	LIFE	* *	5	$24,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Facade Along Steuben St								
Windows								
Wood	100%	Now	$82,600	2040	* *	5	$36,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$2,500	
Metal Cornice	25%			2039	* *	10	$2,700	
Roof								
Built-Up (BUR)	20%	0-2	$5,600	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Skylight, Metal/Glass	5%			2034	* *	10	$5,100	
Slate	75%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								

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

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$19,900	
Ceramic Tile	5%	4+	$7,000	2033	* *	5	$900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms Throughout								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms Throughout								
Vinyl Tile	45%			2029	* *	3	$8,200	
Uneven Surface, Extent : Light, Area Affected : 15%								
Location : Corridors Throughout								
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vinyl Tile	25%			2019	$77,300	3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Gypsum Board	10%			LIFE	* *	5	$2,700	
Masonry: Brick	20%	Now	$35,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Oil Tank And Gas Meter Room								
Metal Panel	5%			LIFE	* *			
Plaster	65%	Now	$47,400	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Second Floor								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$2,900	2037	* *	5	$1,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms On 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								
Embossed Metal	10%			LIFE	* *	5	$1,600	
Plaster	80%	Now	$38,200	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								

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

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

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$100	
Raceway								
Conduit	50%			2024	$26,300	1		
Conduit	50%			2044	* *	1		
Panelboards								
Molded Case Bkrs	30%			2040	* *	5	$200	
Molded Case Bkrs	50%			2032	* *	5	$400	
Molded Case Bkrs	20%			2023	$14,900	5	$100	
Wiring								
Braided Cloth	70%	2-4	$46,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$215,900	10	$17,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2029	* *	10	$3,300	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	3%			2019	$5,800	10		
Incandescent	2%			2019	$5,400	2		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$102,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$3,000	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2034	* *	1-3	$6,700	

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

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$2,400	2037	* *	1	$21,700	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Boiler Burners Require A Tune-up, Defective Combustion Air Intake Damper								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2024	$135,700	4	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room, Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	20%			2044	* *	4	$200	
Terminal Devices								
Convector/Radiator	100%			2022	$229,500	1	$7,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$40,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$700	
No Component	95%							
Exhaust Fans								
Interior	5%			2024	$1,300	2		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2022	$58,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room, The Domestic Hot & Cold Water Lines Are Beyond Their Useful Life Cycle Limit								
Water Heater								
Gas Fired	100%			2022	$5,700	2	$400	

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

DEPARTMENT OF EDUCATION - 040
CONCORD ALTERNATIVE H.S. - SI (OLD P. S. 12)
Asset # : 1203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Beyond Its Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Storm Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)**		
Address	: **22 E. 128 ST @MADISON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M911**
Program / Asset #	: **BOE0154.000 / 521**	**Yr Built/Renovated**	: **1905 / 2008**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1752** **Lot** : **59**	**BIN**	: **1054159**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$52,700
Interior Architecture	$153,100	$92,600
Electrical	$580,700	$167,200
Mechanical		$394,700
Total	**$733,800**	**$707,100**
Importance Code A		$52,700
Importance Code B	$621,000	$654,500
Importance Code C	$112,800	
Total	**$733,800**	**$707,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,700		$7,500	
Interior Architecture	$63,100	$3,700	$1,500	$1,500
Electrical	$19,200	$2,500	$1,400	$800
Mechanical	$33,500	$45,200	$6,800	$5,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$126,400**	**$56,300**	**$22,200**	**$12,700**
Importance Code A	$9,600	$4,000	$11,400	$3,900
Importance Code B	$87,900	$52,300	$10,800	$8,800
Importance Code C	$28,900			
Total	**$126,400**	**$56,300**	**$22,200**	**$12,700**

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

DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$52,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$4,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$15,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$2,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	10%			2036	* *	5-10	$5,000	
Roof								
Built-Up (BUR)	90%			2033	* *	10	$22,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	5%	Now	$5,700	2033	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2063	* *	10	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$17,200	2026	$57,400	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Quarry Tile	5%	Now	$17,000	2028	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2033	* *	3	$11,100	
Recent Replace Evident, Extent : Light, Area Affected : 60%								
Location : Corridors & Throughout								
Vinyl Tile	20%	Now	$40,300	2028	* *	3	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
Location : Throughout								
Vinyl Tile	20%			2028	* *	3	$4,400	

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

DEPARTMENT OF EDUCATION - 040

CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)

Asset # : 521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	5%	Now	$28,900	LIFE	* *			
Vertical Cracks, Extent : Severe, Area Affected : 3%								
Location : Entrance Vestibule								
Plaster	95%	Now	$112,800	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Metal Panel	5%			LIFE	* *	5	$3,700	
Plaster	95%			LIFE	* *	5	$35,200	
Recent Replace Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 1200 Amps								
Fused Disc Sw	50%			2023	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$61,100	5	$100	
Fused Disc Sw	50%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$62,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	70%			2039	* *	5	$800	
Molded Case Bkrs	20%			2022	$20,900	5	$200	
Wiring								
Braided Cloth	20%	0-2	$18,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$22,700	5	$100	
Locally Mounted	50%			2036	* *	5	$100	
Ground								

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

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

DEPARTMENT OF EDUCATION - 040
CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)
Asset # : 521

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	86%			2018	$378,200	10	$31,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	14%			2028	* *	10	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$1,300	
Exterior Lighting								
HID	100%			2018	$166,200	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$26,600	1	$3,300	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$5,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 4000 Gals								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$39,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								

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

DEPARTMENT OF EDUCATION - 040

CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)

Asset # : 521

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$13,800	2023	$276,400	4	$2,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Line								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Terminal Devices								
Air Handler	10%			2023	$21,300	1	$2,500	
Convector/Radiator	85%			2028	* *	1	$10,900	
Fan Coil Unit/Heat	5%			2023	$29,600	1	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$24,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Coverage Only								
Explanation : Duct System Extended Through First Floor Only								
No Component	80%							
Exhaust Fans								
Interior	20%	Now	$8,800	2033	* *	2	$200	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Roof	5%			2028	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit For Science Lab								
No Component	75%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$118,200	1		
Water Heater								
Gas Fired	100%			2018	$9,200	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Backs-up On First Floor When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

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

DEPARTMENT OF EDUCATION - 040

CONTINUING EDUCATION H.S. - M (OLD P.S. 24 - M)

Asset # : 521

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Travels From 1st : 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$200	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **COOPERATIVE TECHNICAL H.S. - M**		
Address	: **321 E. 96 ST. @FIRST AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M646**
Program / Asset #	: **BOE0148.000 / 543**	**Yr Built/Renovated**	: **1942 / 2011**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,4**		
Block	: **1668** **Lot** : **1**	**BIN**	: **1083927**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$86,600
Interior Architecture		$708,000
Electrical	$76,800	
Mechanical	$58,500	
Total	**$135,200**	**$794,600**
Importance Code A		$86,600
Importance Code B	$135,200	$708,000
Total	**$135,200**	**$794,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,400			$10,100
Interior Architecture	$38,300	$11,700		$3,100
Electrical	$10,100	$10,900	$8,400	$9,600
Mechanical	$48,900	$26,700	$84,200	$34,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$119,600**	**$57,200**	**$100,500**	**$65,100**
Importance Code A	$20,700	$6,200	$6,400	$16,300
Importance Code B	$99,000	$51,000	$94,100	$48,800
Importance Code C				
Total	**$119,600**	**$57,200**	**$100,500**	**$65,100**

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

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$1,500	
Masonry: Brick	90%			LIFE	* *	5	$42,700	
Granite Panels	3%			LIFE	* *	5	$1,100	
Slate Panels	2%	0-2	$5,000	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Window Sills Throughout								
Windows								
Aluminum	100%			2040	* *	5	$20,100	
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Greenhouse								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,400	
Masonry: Brick	85%			LIFE	* *	5	$3,700	
Metal Rail	5%			2041	* *	5-10	$4,000	
Roof								
IRMA/Protected Membrane	85%			2032	* *	10	$43,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Metal Panel	10%			2037	* *	10	$9,500	
Sloped Glazing	5%			LIFE	* *	5	$34,400	
Interior								
Floors								
Carpet	5%			2023	$80,000	3	$12,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Cast in Place Concrete	30%			LIFE	* *	5	$82,200	
Ceramic Tile	5%			2033	* *	5	$6,300	
Quarry Tile	5%			2037	* *	5	$9,400	
Vinyl Tile	55%			2024	$586,000	3	$25,800	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$25,400	
Gypsum Board	10%			LIFE	* *	5	$7,600	
Plaster	10%			LIFE	* *	5	$3,800	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout, 2011								
SGFT/Glazed Masonry	30%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$33,100	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Various Locations Throughout, 2011								
Exposed Concrete	35%			LIFE	* *	5	$5,800	
Metal Panel	30%			LIFE	* *	5	$39,700	
Plaster	10%	2-4	$13,900	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Stairwell C								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For Emergency								
Transformers								
Dry Type	50%			2037	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 280pri-480/277sec								
Dry Type	50%			2037	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Kva 208pri-480/277sec								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	

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

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

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$26,200	
Generators								
Diesel	100%			2033	* *	1	$32,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,100	
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$76,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$21,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Heat Exchanger	50%			2033	* *	1	$20,700	
Steam Boiler	50%			2037	* *	1	$41,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								

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

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DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	50%	Now	$4,200	2040	* *	4	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Defective Hot Water Pump								
Steam Piping/Pump	50%	Now	$58,500	2044	* *	4	$2,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	50%	Now	$4,500	2029	* *	1	$23,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Classroom, Steam Coils Leaking On Various Vav Box Reheat Coil								
Convector/Radiator	50%			2037	* *	1	$13,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	1%	0-2	$2,800	2034	* *	1	$400	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Equipment Room, 1 Of 4 Defective Compressor Oil Sensor								
Reciprocating Compr/Chiller	14%			2029	* *	1	$5,400	
Window/Wall Unit	20%			2019	$34,400	1		
No Component	65%							
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,100	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$51,800	
Heat Rejection								
Water Cool Tower	15%			2025	$12,600	2	$12,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Dry Cooler								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,700	
Exhaust Fans								
Interior	20%			2029	* *	2	$500	
Roof	80%	Now	$1,100	2029	* *	2	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 16%								
Location : Roof, 1 Of 6 Mechanical And Or Electrical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

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

DEPARTMENT OF EDUCATION - 040
COOPERATIVE TECHNICAL H.S. - M
Asset # : 543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$19,500	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$8,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,300	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : 1 Of 12 Cracked Storm Water Drain Piping								
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$8,100	1	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Through Fourth Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$43,800	
Sprinkler								
Generic	100%			2044	* *	1-2	$23,400	
Fire Pump								
Generic	100%			2033	* *	1	$15,600	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**CROWN HEIGHTS CHARTER SCHOOL -BK**			
Address	:	**1485 PACIFIC STREET BROOKLYN AVE - KINGSTON AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K434**
Program / Asset #	:	**BOE1103.000 / 14559**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**65,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**21-May-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5,6**			
Block	:	**1203** **Lot** : **44**	**BIN**	:	**3848792**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$104,400	$156,000
Interior Architecture	$307,000	$219,500
Electrical		$58,400
Total	**$411,400**	**$434,000**
Importance Code A	$104,400	$156,000
Importance Code B	$186,600	$212,200
Importance Code C	$120,500	$65,700
Total	**$411,400**	**$434,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$60,400	$44,000	$3,100	
Interior Architecture	$77,400	$21,000	$6,900	
Electrical	$8,200	$9,900	$5,700	$5,700
Mechanical	$40,500	$15,300	$21,500	$13,700
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$192,400**	**$96,100**	**$43,200**	**$25,300**
Importance Code A	$63,400	$47,500	$6,000	$3,500
Importance Code B	$96,100	$48,600	$33,800	$21,800
Importance Code C	$32,900		$3,400	
Total	**$192,400**	**$96,100**	**$43,200**	**$25,300**

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

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$208,700	
Metal Coiling Doors	5%			2043	* *	5	$18,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$37,700	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5-10	$16,800	
Masonry: Brick	30%			LIFE	* *	5-10	$31,300	
Metal Panel	5%			2052	* *	5	$3,000	
Metal: Cage/Fence	45%			2043	* *	5-10	$53,200	
Roof								
Asphalt Shingle	25%			2039	* *	10	$3,100	
IRMA/Protected Membrane	40%			2034	* *	10	$29,500	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	30%			2034	* *	10	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Section Over Sixth Floor								
Explanation : Artificial Grass Covering								
Skylight, Metal/Glass	5%			2052	* *	10	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1								
Interior								
Floors								
Carpet	20%			2027	* *	3	$41,900	
Cast in Place Concrete	10%			LIFE	* *	5	$61,200	
Ceramic Tile	5%			2039	* *	5	$7,000	
Sheet Vinyl/Rubber	65%			2034	* *	5	$136,300	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,000	
Gypsum Board	80%			LIFE	* *	5-10	$186,200	
Wood	5%			LIFE	* *	5	$54,800	
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$14,000	
AcousTileSusp.Lay-In	60%			2043	* *	5	$83,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,000	
Gypsum Board	25%			LIFE	* *	5-10	$120,200	

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

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

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000a Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : 25 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$300	
Variable Frequency Drive	30%			2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Controllers Monitored By Bms								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$20,000	
Generators								
Diesel	100%			2039	* *	1	$25,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 500 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$2,400	

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

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2048	* *	5	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 200 Gallons Capacity								
Main Tank	50%			2061	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	88%			2034	* *	10	$52,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2034	* *	10	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cfl								
HID	2%			2034	* *	10		
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, LED	35%			2061	* *	1		
Exit, Service	5%			2034	* *	1		
Exterior Lighting								
Fluorescent	100%			2034	* *	10	$6,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Perimeter								
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,900	
Alarm								
Security System								
No Component	50%							
Generic	50%			2034	* *	1	$12,100	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2052	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2034	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 11 Roof Top Package Units								
Radiant Heater	10%			2034	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : 15 Reheat Coils								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 11 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,400	
Exhaust Fans								
Roof	100%			2034	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$15,100	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : L-6								
Explanation : 1 Unit								
Fire Suppression								

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

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

DEPARTMENT OF EDUCATION - 040
CROWN HEIGHTS CHARTER SCHOOL -BK
Asset # : 14559

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$32,800	
Sprinkler								
Generic	100%			2052	* *	1-2	$18,200	
Fire Pump								
Generic	100%			2039	* *	1	$12,100	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CSE 3 (REGION 10) - M**				
Address	: **133 MORNINGSIDE AVE @ W. 125 ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **LEASE-M808**
Program / Asset #	: **BOE1075.000 / 14421**			**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **32,707**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Apr-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 6,7,8**				
Block	: **1951**	**Lot**	: **4**	**BIN**	: **1087468**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$39,000
Total		**$39,000**
Importance Code C		$39,000
Total		**$39,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture		$33,200		
Electrical				$400
Mechanical	$4,900	$2,300	$8,200	$2,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$8,800**	**$39,400**	**$12,100**	**$6,700**
Importance Code B	$8,800	$37,700	$12,100	$6,700
Importance Code C		$1,700		
Total	**$8,800**	**$39,400**	**$12,100**	**$6,700**

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

DEPARTMENT OF EDUCATION - 040

CSE 3 (REGION 10) - M

Asset # : 14421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2038	* *	5	$2,400	
Vinyl Tile	95%			2033	* *	3	$17,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$3,400	
Gypsum Board	95%			LIFE	* *	5	$39,000	
Ceilings								
AcousTileSusp.Lay-In	100%			2043	* *	5	$49,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Transformers								
Not Accessible	100%							
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$900	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Not Accessible	100%							
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$30,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : T-8 & Compact Lamps							
Egress Lighting								
Exit, LED	100%			2058	* *	1		

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

DEPARTMENT OF EDUCATION - 040

CSE 3 (REGION 10) - M

Asset # : 14421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							
Alarm								
Security System								
Not Accessible	100%							
Fire/Smoke Detection								
Not Accessible	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2049	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Leased Space - 6th, 7th And 8th Floors Only								
Explanation : Hot Water Service Provided From Base Building Heating Equipment								
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floors								
Explanation : Hot Water Service Provided From Base Building Heating Equipment								
Terminal Devices								
Fan Coil Unit/Heat	100%			2031	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floors								
Explanation : Vav Box With Reheat Coils								
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2027	* *	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floors								
Explanation : Packaged Water Cooled Air Conditioning Units								
Distribution								
Chilled Wtr Pipe/Pump	100%			2049	* *	4	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th, 7th And 8th Floor								
Explanation : Condenser Water Pumps And Piping Maintained And Operated By Building Owner								
Heat Rejection								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Operated And Maintained By Building Owner								

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

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

DEPARTMENT OF EDUCATION - 040

CSE 3 (REGION 10) - M

Asset # : 14421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Operated And Maintained By Building Owner								
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Not Accessible	100%							
Water Heater								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Owned, Operated And Maintained By Building Owner								
Sanitary Piping								
Not Accessible	100%							
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 6th, 7th And 8th Floors								
Explanation : Maintained By Building Owner								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$16,500	
Sprinkler								
Generic	100%			2049	* *	1-2	$9,200	
Fire Pump								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CURTIS HIGH SCHOOL - SI**				
Address	: **105 HAMILTON AVE. @ ST. MARKS PL.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R450**	
Program / Asset #	: **BOE0950.000 / 1201**		**Yr Built/Renovated**	: **1904 / 2004**	
Area Sq Ft	: **247,300**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Aug-2011**		**Landmark Status**	: **EXTERIOR LANDMARK**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **22**	**Lot** : **1**	**BIN**	: **5106483**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$462,400	$515,700
Interior Architecture	$604,500	$2,132,300
Electrical	$885,500	$3,483,200
Mechanical	$3,178,200	$142,500
Total	**$5,130,700**	**$6,273,700**
Importance Code A	$1,777,500	$607,500
Importance Code B	$3,234,700	$5,585,100
Importance Code C	$118,500	$81,100
Total	**$5,130,700**	**$6,273,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$93,300	$22,700		$24,600
Electrical	$20,000	$8,200	$8,400	$6,900
Mechanical	$58,000	$49,800	$56,500	$36,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$179,300**	**$88,500**	**$72,700**	**$76,300**
Importance Code A		$25,000	$24,500	$24,500
Importance Code B	$147,900	$63,500	$48,200	$51,800
Importance Code C	$31,300			
Total	**$179,300**	**$88,500**	**$72,700**	**$76,300**

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

DEPARTMENT OF EDUCATION - 040

CURTIS HIGH SCHOOL - SI

Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$185,300	
Masonry: Brick	3%			LIFE	* *	5	$8,900	
Masonry: Brick	70%			LIFE	* *	5	$207,500	
Masonry: Limestone	12%			LIFE	* *	5	$26,700	
Pre-Cast Concrete	7%			LIFE	* *	5	$67,400	
Windows								
Aluminum	100%	Now	$213,200	2039	* *	5	$46,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$3,900	
Masonry: Brick	70%			LIFE	* *	5	$27,400	
Masonry: Limestone	20%			LIFE	* *	5	$9,900	
Roof								
Built-Up (BUR)	60%			2028	* *	10	$113,800	
Copper/Terne	25%	Now	$69,600	2038	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library, Auditorium								
Slate	15%	Now	$65,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1904 Wing								
Interior								

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

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$17,200	LIFE	* *	5	$66,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$16,000	2032	* *	5	$7,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Swimming Pool Throughout								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Swimming Pool Throughout								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Swimming Pool								
Explanation : Tiling Of Low Wall At Pool Seating Area								
Terrazzo	5%	0-2	$38,500	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	65%	Now	$365,800	2023	$1,828,800	3	$73,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 1st, 2nd And 3rd Floors								
Wood	15%	0-2	$81,900	2051	* *	5	$42,600	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$31,300	2032	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	65%	Now	$118,500	LIFE	* *	5	$81,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040

CURTIS HIGH SCHOOL - SI

Asset # : 1201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$20,100	2028	* *	5	$28,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	15%			2028	* *	5	$45,400	
Exposed Concrete	10%			LIFE	* *	5	$4,700	
Plaster	50%			LIFE	* *	5	$94,700	
Plaster	10%	4+	$8,700	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Swimming Pool								
Explanation : Finish Layer Needs To Be Replaced								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$91,800	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$266,900	5	$500	
Fused Disc Sw	50%			2033	* *	5	$500	
Raceway								
Conduit	80%			2023	$505,200	1		
Conduit	20%			2033	* *	1		
Panelboards								
Molded Case Bkrs	80%			2022	$418,000	5	$5,200	
Molded Case Bkrs	20%			2031	* *	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$681,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$201,200	5	$1,300	
Locally Mounted	20%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								

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

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

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2028	* *	10	$136,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	30%			2028	* *	10	$68,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	5%			2023	$107,800	10	$400	
Incandescent	5%			2023	$150,000	2	$300	
Egress Lighting								
Exit, Service	60%			2023	$43,700	1		
Exit, Battery	40%			2023	$99,500	10	$6,700	
Exterior Lighting								
HID	100%			2023	$1,020,300	10	$800	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	$578,700	5	$7,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$27,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$45,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	0-2	$665,400	2053	* *	5	$38,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Vault								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Has Been Condemned, Other Tank Is On Extended Life								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,315,100	2043	* *	1	$220,400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 5 Units								

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

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI
Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$188,600	2033	* *	4	$12,200	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2018	$437,000	1	$45,900	
Convector/Radiator	70%			2028	* *	1	$55,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2033	* *	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit Covering Auditorium - Refrigerant 410a								
Ext Pkg Unit - Heating/Cooling	5%			2033	* *	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Covers Pool Area With Additional Steam Heating System - Refrigerant 407c								
Window/Wall Unit	60%			2018	$333,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$137,900	
Exhaust Fans								
Interior	80%			2018	$238,900	2	$6,100	
Roof	20%			2023	$43,000	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2033	* *	1		
Galv Iron/Steel	85%	Now	$34,300	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$36,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$12,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2028	* *	4		

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

DEPARTMENT OF EDUCATION - 040

CURTIS HIGH SCHOOL - SI

Asset # : 1201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2023	$12,100	4	$1,600	
Backflow Preventer								
No Component	50%							
Generic	50%	0-2	$300	2023	$13,100	1	$6,800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Water Main Is Corroded								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement :4th Floor, Freight Elevator Basement :1st Floor								
Explanation : 2 Units - One Passenger, And One Freight. Freight Elevator Needs Replacement								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$3,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **CURTIS HIGH SCHOOL - SI FIELD HOUSE**				
Address	: **105 HAMILTON AVE. @ ST. MARKS PL.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R450**	
Program / Asset #	: **BOE0950.010 / 2945**		**Yr Built/Renovated**	: **1964 / 2003**	
Area Sq Ft	: **3,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Aug-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **22**	**Lot** : **1**	**BIN**	: **5106483**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,300	
Electrical		$196,800
Total	**$41,300**	**$196,800**
Importance Code A	$41,300	
Importance Code B		$196,800
Total	**$41,300**	**$196,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,600			
Interior Architecture	$26,900			
Electrical		$11,300		
Mechanical	$3,100	$500	$1,500	$500
Total	**$52,600**	**$11,900**	**$1,500**	**$500**
Importance Code A	$23,100	$500	$500	$500
Importance Code B	$16,100	$11,300	$900	
Importance Code C	$13,400			
Total	**$52,600**	**$11,900**	**$1,500**	**$500**

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

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI FIELD HOUSE
Asset # : 2945

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	* *	5	$14,000	
Concrete Masonry Unit	65%			LIFE	* *	5	$3,300	
Windows								
Steel	100%	Now	$41,300	2031	* *	5	$24,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$22,600	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$31,700	
Ceramic Tile	10%	Now	$3,100	2032	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	$11,300	2032	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	65%			LIFE	* *	5	$10,600	
Gypsum Board	25%	Now	$2,100	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%	Now	$10,400	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gas Closet								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$48,900	5		
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2022	$22,400	5	$100	
Wiring								
Thermoplastic	100%			2023	$18,500	1		

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

DEPARTMENT OF EDUCATION - 040
CURTIS HIGH SCHOOL - SI FIELD HOUSE
Asset # : 2945

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5		
Lighting								
Interior Lighting								
Fluorescent	50%			2023	$59,700	10	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	50%			2023	$42,900	10	$200	
Egress Lighting								
Exit, Service	100%			2023	$2,900	1		
Exterior Lighting								
HID	100%			2018	$11,300	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2023	$13,100	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Roof	100%			2023	$8,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%	0-2	$2,500	2023	$2,500	2	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **DEWITT CLINTON HIGH SCHOOL - BX**		
Address	: **100 WEST MOSHOLU PARKWAY SOUTH**		
Borough	: **BRONX**	**Agency's Number**	: **X440**
Program / Asset #	: **BOE0327.000 / 357**	**Yr Built/Renovated**	: **1929 / 2011**
Area Sq Ft	: **368,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **3251** **Lot** : **201**	**BIN**	: **2095215**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,269,600	$505,900
Interior Architecture	$2,270,600	$2,121,200
Electrical	$371,600	$3,979,400
Mechanical	$2,777,500	$1,706,700
Total	**$6,689,300**	**$8,313,300**
Importance Code A	$3,034,200	$589,900
Importance Code B	$3,057,000	$7,640,900
Importance Code C	$598,200	$82,400
Total	**$6,689,300**	**$8,313,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$34,400	$6,800	$13,600
Electrical	$13,700	$27,200	$10,800	$10,300
Mechanical	$19,100	$52,500	$82,300	$52,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$40,700**	**$122,000**	**$107,800**	**$84,300**
Importance Code A		$36,700	$35,900	$35,900
Importance Code B	$40,700	$85,300	$71,900	$48,400
Importance Code C				
Total	**$40,700**	**$122,000**	**$107,800**	**$84,300**

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$46,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$102,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	88%			LIFE	* *	5	$164,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	82%	Now	$280,500	2039	* *	5	$33,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glass Block	3%			LIFE	* *	5	$1,500	
Steel	15%	Now	$639,700	2048	* *	5	$76,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Library, Pool Area								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Library, Pool Area								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$27,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$20,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	58%			2028	* *	10	$162,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	10%			2051	* *	10	$69,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	10%			2038	* *	10	$69,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	2%	Now	$75,100	2063	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium Air Intake								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium Air Intake And Elevator Machine Room								
Single Ply Membrane	15%	Now	$42,300	2028	* *			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exits 1 And 2, 19 And 20								
Skylight, Metal/Glass	5%			2033	* *	10	$46,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	15%	Now	$84,600	LIFE	* *	5	$178,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2026	$525,700	5	$27,100	
Quarry Tile	5%			2036	* *	5	$40,700	
Terrazzo	20%	Now	$252,200	LIFE	* *	5	$84,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	Now	$46,100	2023	$922,600	3	$40,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2031	* *	3	$20,300	
Wood	25%	0-2	$447,400	2038	* *	5	$127,200	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	4%	Now	$139,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Fuel Tank Area								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Fuel Tank Area								
Gypsum Board	10%			LIFE	* *	5	$33,000	
Masonry: Brick	10%	2-4	$107,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	6%	2-4	$131,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	50%	Now	$220,500	LIFE	* *	5	$82,400	
Water Penetration, Extent : Severe, Area Affected : 4%								
Location : Basement Corridor To Swimming Pool								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$68,700	
AcousTileSusp.Lay-In	5%			2036	* *	5	$22,900	
Exposed Concrete	5%			LIFE	* *	5	$3,600	
Exposed Concrete	5%			LIFE	* *	5	$3,600	
Plaster	70%	Now	$842,100	LIFE	* *	5	$200,500	
Water Penetration, Extent : Severe, Area Affected : 4%								
Location : Basement Corridor To Swimming Pool								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$342,100	5	$1,100	
Molded Case Bkrs	20%			2033	* *	5	$1,900	
Molded Case Bkrs	10%			2049	* *	5	$1,000	
Raceway								
Conduit	95%			2023	$549,100	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$800	
Molded Case Bkrs	70%			2022	$334,800	5	$6,800	
Molded Case Bkrs	20%			2031	* *	5	$1,900	

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	$155,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	55%			2023	$428,800	1		
Thermoplastic	5%			2049	* *	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$184,200	5	$2,000	
Locally Mounted	20%			2028	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$332,500	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2018	$48,900	1		
Exit, Battery	50%			2018	$166,800	10	$12,200	
Exterior Lighting								
HID	100%			2023	$1,389,800	10	$1,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$334,000	1	$41,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2033	* *	1-3	$68,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$112,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 Units - Each 20,000 Gals								

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

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	2-4	$1,764,600	2043	* *	1	$323,100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$253,100	2033	* *	4	$17,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats. Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$390,900	1	$44,800	
Convector/Radiator	60%			2028	* *	1	$70,200	
Fan Coil Unit/Heat	20%			2023	$1,085,500	1	$23,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$111,800	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$202,100	
Exhaust Fans								
Interior	80%			2018	$320,500	2	$8,900	
Roof	20%	Now	$2,900	2018	$57,600	2	$1,800	
Corroded, Extent : Moderate, Area Affected : 25%								
Location : Exhaust Fans, Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$84,300	2	$5,300	
HW Heat Exchanger								
Low Temp	100%	2-4	$112,500	2053	* *	4	$35,800	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$101,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Back Up In Basement Every Time It Rains								

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX
Asset # : 357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2028	* *	4		
Sewage Ejector(s)								
Compressed Air	100%			2023	$28,500	4	$1,600	
Backflow Preventer								
No Component	70%							
Generic	30%			2031	* *	1	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, 1, 2, 3								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$5,100	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - BOYS**
Address : **100 WEST MOSHOLU PKWY S. @PAUL AVENUE**
Borough : **BRONX**
Agency's Number : **X440**
Program / Asset # : **BOE0327.010 / 13427**
Yr Built/Renovated : **1955 /**
Area Sq Ft : **4,000**
Project Type : **EDUCATION**
Date of Survey : **19-Aug-2011**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3251** **Lot** : **201** **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$293,200	
Interior Architecture	$54,100	
Electrical		$41,100
Mechanical		$257,500
Total	**$347,300**	**$298,500**
Importance Code A	$293,200	
Importance Code B	$54,100	$298,500
Total	**$347,300**	**$298,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$34,500			
Electrical	$100	$19,000		
Mechanical	$1,300	$3,700	$1,300	$1,200
Total	**$35,800**	**$22,800**	**$1,300**	**$1,200**
Importance Code A	$700	$800	$700	$700
Importance Code B	$35,100	$22,000	$600	$500
Importance Code C				
Total	**$35,800**	**$22,800**	**$1,300**	**$1,200**

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - BOYS
Asset # : 13427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$9,600	
Metal Coiling Doors	10%			2036	* *	5	$3,300	
Windows								
Aluminum	100%	0-2	$138,000	2048	* *	5	$1,600	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Light, Area Affected : 15%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	$155,200	2033	* *			1
Drains Inad/Misposn, Extent : Severe, Area Affected : 75%								
Location : Main Roof								
Ponding, Extent : Severe, Area Affected : 75%								
Location : Main Roof								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Locker Rooms								
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$16,400	
Ceramic Tile	65%	Now	$54,100	2032	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$21,800	
Ceilings								
Exposed Concrete	100%	Now	$34,500	LIFE	* *	5	$3,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2023	$2,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2022	$22,400	5	$100	
Wiring								
Thermoplastic	100%			2023	$18,500	1		

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

DEPARTMENT OF EDUCATION - 040
DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - BOYS
Asset # : 13427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	$4,900	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	70%			2023	$41,100	10	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	30%			2023	$34,300	10	$100	
Egress Lighting								
Exit, Service	100%			2018	$3,900	1		
Exterior Lighting								
HID	100%			2018	$15,100	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2023	$35,300	5	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 250 Gals								
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2022	$72,000	4	$1,100	
Terminal Devices								
Fan Coil Unit/Heat	50%			2031	* *	1	$2,300	
Fan Coil Unit/Heat	50%			2023	$107,300	1	$2,300	
Ventilation								
Exhaust Fans								
Roof	100%			2031	* *	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$42,800	1		

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

DEPARTMENT OF EDUCATION - 040

DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - BOYS

Asset # : 13427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Toilets And Shower Rooms								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - GIRLS**			
Address	:	**100 WEST MOSHOLU PARKWAY SOUTH**			
Borough	:	**BRONX**	**Agency's Number**	:	**X440**
Program / Asset #	:	**BOE0327.020 / 14434**	**Yr Built/Renovated**	:	**1955 /**
Area Sq Ft	:	**500**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Aug-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**3864** **Lot** : **201**	**BIN**	:	

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,300	$300	
Interior Architecture	$1,400			
Electrical		$23,900		
Total	**$1,400**	**$27,300**	**$300**	
Importance Code A		$3,300	$300	
Importance Code B	$1,400	$23,900		
Importance Code C				
Total	**$1,400**	**$27,300**	**$300**	

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

DEPARTMENT OF EDUCATION - 040

DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - GIRLS

Asset # : 14434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$200	
Masonry: Brick	80%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%			2039	* *	5	$700	
Roof								
Modified Bitumen	100%			2028	* *	10	$3,300	
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$300	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	80%			2032	* *	5	$2,100	
Interior Walls								
Concrete Masonry Unit	95%			LIFE	* *	5	$2,600	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
Exposed Concrete	80%			LIFE	* *	5	$300	
Gypsum Board	20%			LIFE	* *	5	$700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2022	$22,400	5		
Wiring								
Thermoplastic	100%			2023	$18,500	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2018	$19,900	10	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	100%			2018	$500	1		
Exterior Lighting								
HID	100%			2018	$1,900	10		

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

DEPARTMENT OF EDUCATION - 040

DEWITT CLINTON HIGH SCHOOL - BX FIELDHOUSE - GIRLS

Asset # : 14434

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Ventilation								
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Not Accessible	100%							
Water Heater								
Not Accessible	100%							
Sanitary Piping								
Not Accessible	100%							
Fixtures								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**DISTRICT 75 CITYWIDE PROGRAMS**			
Address	:	**400 1ST AVENUE @E. 23 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M844**
Program / Asset #	:	**BOE0153.000 / 2696**	**Yr Built/Renovated**	:	**1940 / 2012**
Area Sq Ft	:	**57,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**17-Jan-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,7,9,11**			
Block	:	**955** **Lot** : **1**	**BIN**	:	**1022052**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$264,000	$35,500
Interior Architecture	$608,400	
Electrical	$1,311,600	$294,800
Mechanical	$1,180,600	$561,700
Total	**$3,364,600**	**$892,000**
Importance Code A	$264,000	$35,500
Importance Code B	$3,057,200	$856,600
Importance Code C	$43,300	
Total	**$3,364,600**	**$892,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$74,700		$8,300	$125,900
Electrical	$22,300	$1,700	$33,300	$1,100
Mechanical	$142,500	$13,800	$29,600	$25,100
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$259,100**	**$35,300**	**$90,900**	**$171,900**
Importance Code A	$2,900	$2,500	$2,600	$13,300
Importance Code B	$239,200	$32,800	$88,300	$158,600
Importance Code C	$17,100			
Total	**$259,100**	**$35,300**	**$90,900**	**$171,900**

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

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$35,500	
Granite Panels	5%			LIFE	* *	5	$1,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Foundation Wall								
Windows								
Aluminum	100%	0-2	$264,000	2032	* *	5	$15,800	
Air Infiltration, Extent : Light, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,000	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout, 2012								
Pre-Cast Concrete	10%			LIFE	* *	5	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2012								
Roof								
Built-Up (BUR)	70%			2032	* *	10	$14,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2012								
Modified Bitumen	15%			2032	* *	10	$3,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2012								
Plaza Roof: Stone Panels	15%			2050	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout, 2012								
Explanation : Recently Replaced								
Interior								
Floors								
Carpet	10%			2020	$121,200	3	$19,000	
Cast in Place Concrete	5%			LIFE	* *	5	$10,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Steam Room								
Ceramic Tile	5%			2027	* *	5	$4,700	
Terrazzo	10%			LIFE	* *	5	$7,400	
Vinyl Tile	70%			2019	$565,000	3	$24,900	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout Corridors								
Explanation : 9 X 9 Size Tiles								

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

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	6%			LIFE	* *			
Ceramic Tile	5%			2027	* *	5	$5,400	
Concrete Masonry Unit	6%	Now	$14,400	LIFE	* *	5	$2,600	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Gypsum Board	15%			LIFE	* *	5	$9,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	8%			LIFE	* *			
Plaster	50%	Now	$43,300	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Ceilings								
AcousTile,Adhered	5%	Now	$22,000	2037	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Main Floors								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout Main Floors								
AcousTileSusp.Lay-In	60%			2037	* *	5	$56,900	
Exposed Concrete	10%			LIFE	* *	5	$1,500	
Plaster	25%			LIFE	* *	5	$14,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$34,100	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$146,600	2054	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2044	* *	1		

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

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Fused Knife Sw	10%	0-2	$10,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	10%	0-2	$10,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	70%			2023	$73,200	5	$1,100	
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	35%			2024	$60,900	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	95%			2022	$43,100	5	$400	
Locally Mounted	5%			2037	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	$11,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	72%			2019	$507,200	10	$41,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2019	$15,200	10	$100	
Incandescent	5%			2019	$35,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$42,800	10	$7,700	
Exit, Service	50%			2019	$8,600	1		
Exterior Lighting								
HID	100%			2019	$215,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$206,600	1-3	$12,300	

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

DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2024	$20,900	1		
Conversion Equipment								
Heat Exchanger	80%			2020	$10,800	1	$25,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Steam To Hot Glycol Heat Exchanger Beyond It's Useful Life Limit								
Pres. Reducing Valve/LP Steam	20%			2027	* *	5	$800	
Distribution								
Hot Wtr Piping/Pump	70%	Now	$22,300	2023	$223,000	4	$2,200	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Basement, 2 Of 3 Defective Hot Glycol Pumps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Hot Glycol Pumps Are Beyond Their Life Cycle Limit								
Steam Piping/Pump	20%			2024	$88,600	4	$600	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	10%			2044	* *	4	$300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement								
Explanation : The Basement Steam Piping Was Recently Upgraded								
Terminal Devices								
Convector/Radiator	40%	Now	$24,000	2022	$239,600	1	$7,400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Steam Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	60%	Now	$170,900	2019	$569,800	1	$11,100	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Fan Coil Units Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

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DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	15%	Now	$31,400	2039	* *	1	$9,300	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement, Building Presently Utilizes Window Air Conditioning Units For Cooling								
Window/Wall Unit	85%	0-2	$22,200	2019	$110,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Steam Absorbtion Unit Not In Service								
Terminal Devices								
Air Handler/Cool/Ht	100%			2019	$269,400	1	$39,200	
Heat Rejection								
Water Cool Tower	15%	0-2	$27,300	2029	* *	2	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Unit Was Removed								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,400	
Exhaust Fans								
Interior	15%			2024	$10,500	2	$300	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Kitchen								
Explanation : 1 Unit								
Interior	85%	Now	$59,600	2034	* *	2	$1,300	
Obsolete Equipment, Extent : Severe, Area Affected : 85%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	100%			2023	$9,800	4	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,400	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 15%								
Location : Basement, 1 Of 8 Lines								
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Basement, 1 Of 8 Lines								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
DISTRICT 75 CITYWIDE PROGRAMS
Asset # : 2696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-8								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$32,000	
Sprinkler								
No Component	20%							
Generic	80%			2034	* *	1-2	$14,200	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Fire Pump								
Generic	100%			2037	* *	1	$11,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **DISTRICT OFF # 7 - BX**
Address : **501 COURTLANDT AVE. @E. 148 ST.**
Borough : **BRONX**
Agency's Number : **X807**
Program / Asset # : **BOE0338.000 / 328**
Yr Built/Renovated : **1876 / 2010**
Area Sq Ft : **20,000**
Project Type : **EDUCATION**
Date of Survey : **14-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2329** **Lot** : **75**
BIN : **2000876**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$81,800
Interior Architecture		$1,274,800
Electrical	$296,500	
Mechanical		$123,200
Total	**$296,500**	**$1,479,800**
Importance Code A		$81,800
Importance Code B	$296,500	$319,200
Importance Code C		$1,078,900
Total	**$296,500**	**$1,479,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,200			$3,400
Interior Architecture	$2,900	$700	$17,600	$2,900
Electrical	$9,300	$19,900	$600	$700
Mechanical	$2,800	$21,100	$2,300	$3,200
Total	**$21,200**	**$41,600**	**$20,500**	**$10,200**
Importance Code A	$8,000	$1,800	$1,800	$5,200
Importance Code B	$13,300	$39,800	$18,700	$5,000
Importance Code C				
Total	**$21,200**	**$41,600**	**$20,500**	**$10,200**

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFF # 7 - BX

Asset # : 328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$31,900	
Masonry: Brownstone	2%			LIFE	* *	5	$500	
Windows								
Aluminum	100%			2045	* *	5	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Cornice	35%	Now	$6,200	2038	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
No Component	65%							
Roof								
Modified Bitumen	100%			2023	$81,800	10	$14,000	
Interior								
Floors								
Carpet	5%			2019	$16,900	3	$2,000	
Cast in Place Concrete	5%			LIFE	* *	5	$2,900	
Ceramic Tile	3%			2026	$15,400	5	$800	
Vinyl Tile	87%			2023	$196,000	3	$11,500	
Interior Walls								
Ceramic Tile	3%			2026	$40,600	5	$1,500	
Fabric on Framing	20%			2021	$999,000	5	$4,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$7,700	
Wood	20%			LIFE	* *	5	$39,200	
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$1,300	
Embossed Metal	85%			LIFE	* *	5	$10,100	
Exposed Concrete	10%			LIFE	* *	5	$400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$100	
Raceway								
Conduit	100%			2023	$27,800	1		

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFF # 7 - BX

Asset # : 328

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$3,000	5		
Fused Toggle Switch	30%	2-4	$9,000	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Molded Case Bkrs	50%			2022	$14,900	5	$300	
Molded Case Bkrs	10%			2039	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$37,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	1%			2028	* *	10	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
Fluorescent	88%			2018	$197,000	10	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2028	* *	10	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	1%			2018	$2,200	2		
Egress Lighting								
Emergency, Battery	20%			2028	* *	10	$900	
Exit, Service	80%			2028	* *	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$18,200	1	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

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

DEPARTMENT OF EDUCATION - 040
DISTRICT OFF # 7 - BX
Asset # : 328

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$62,100	2033	* *	1-3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Equipments; Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$1,300	
Terminal Devices								
Convector/Radiator	100%			2021	$123,200	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2018	$14,600	1		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$26,400	1		
Water Heater								
Gas Fired	100%			2018	$4,100	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFF # 7 - BX

Asset # : 328

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$4,100	1-2	$100	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **DISTRICT OFFICE #13 - BK**		
Address	: **355 PARK PLACE @ UNDERHILL AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K813**
Program / Asset #	: **BOE0665.000 / 4418**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **14,400**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1160** **Lot** : **1**	**BIN**	: **3028862**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$42,000	
Electrical	$207,500	$97,700
Mechanical		$64,000
Total	**$249,500**	**$161,800**
Importance Code B	$249,500	$161,800
Total	**$249,500**	**$161,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$1,100		$2,100
Interior Architecture	$60,300		$1,400	$1,300
Electrical	$57,100	$200	$300	$14,900
Mechanical	$2,900	$1,100	$2,100	$32,000
Total	**$120,300**	**$2,400**	**$3,800**	**$50,300**
Importance Code A	$600	$1,700	$600	$2,900
Importance Code B	$101,300	$600	$2,300	$47,400
Importance Code C	$18,400		$900	
Total	**$120,300**	**$2,400**	**$3,800**	**$50,300**

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFFICE #13 - BK

Asset # : 4418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	90%			LIFE	* *	5	$11,900	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Granite Panels	5%			LIFE	* *	5	$700	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Stucco Cement	5%			2038	* *	5	$2,200	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Windows								
Aluminum	100%			2050	* *	5	$4,100	
Recent Installation, Extent : Light, Area Affected : 100% *Location : Throughout*								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$1,800	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Granite	15%			LIFE	* *	5	$700	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Limestone	35%			LIFE	* *	5	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Roof								
IRMA/Protected Membrane	98%			2035	* *	10	$16,500	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Metal Panel	2%			2045	* *	10	$600	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$8,300	
Ceramic Tile	5%			2034	* *	5	$1,000	
Terrazzo	20%			LIFE	* *	5	$3,000	
Vinyl Tile	35%	2-4	$5,700	2030	* *	3	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
Vinyl Tile 9" X 9"	20%	2-4	$2,100	2020	$42,000	3	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								

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

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

DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$1,800	
Gypsum Board	20%			LIFE	* *	5	$4,200	
Metal Panel	5%			LIFE	* *			
Plaster	65%	2-4	$18,400	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	25%	2-4	$15,300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	75%	2-4	$18,800	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2025	$4,800	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$97,700	5	$400	
Raceway								
Conduit	90%			2025	$25,000	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$1,500	5		
Molded Case Bkrs	85%			2024	$25,400	5	$300	
Molded Case Bkrs	10%			2033	* *	5		
Wiring								
Braided Cloth	70%	2-4	$32,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	20%			2025	$9,300	1		
Motor Controllers								
Locally Mounted	50%			2023	$14,700	5		
Locally Mounted	50%	2-4	$14,700	2045	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								

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

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

DEPARTMENT OF EDUCATION - 040
DISTRICT OFFICE #13 - BK
Asset # : 4418

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2020	$153,100	10	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	3%			2020		10		
Incandescent	2%			2020	$3,200	2		
Egress Lighting								
Emergency, Battery	50%			2025	$8,600	10	$1,500	
Exit, Service	50%			2025	$2,100	1		
Exterior Lighting								
HID	100%			2020	$54,400	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$8,700	1	$1,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2025	$31,400	5	$3,900	
Conversion Equipment								
Hot Water Boiler	100%			2023	$28,700	1	$6,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2024	$64,000	4	$600	
Terminal Devices								
Air Handler	15%			2020	$10,300	1	$1,200	
Convector/Radiator	70%			2030	* *	1	$2,900	
Fan Coil Unit/Heat	10%			2025	$19,100	1	$400	
Unit Heater-Stm/HW	5%			2025	$4,100	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFFICE #13 - BK

Asset # : 4418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%	Now	$900	2020	$18,300	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,100	
Exhaust Fans								
Interior	100%			2025	$7,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$3,000	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL**			
Address	:	**797 BUSHWICK AVENUE BTWN: DEKALB AVE - STOCKHOLM AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K865**
Program / Asset #	:	**BOE0563.020 / 1282**	**Yr Built/Renovated**	:	**1890 / 1999**
Area Sq Ft	:	**89,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**23-Sep-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**3242** **Lot** : **1**	**BIN**	:	**3073761**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$239,800	$196,200
Interior Architecture	$1,122,800	$106,000
Electrical	$515,000	$1,534,000
Mechanical	$292,100	$127,500
Total	**$2,169,600**	**$1,963,700**
Importance Code A	$239,800	$196,200
Importance Code B	$1,724,600	$1,721,500
Importance Code C	$205,300	$46,100
Total	**$2,169,600**	**$1,963,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$114,000	$19,500		
Interior Architecture	$77,700	$3,400	$174,900	$15,400
Electrical	$2,700	$18,100	$2,700	$1,800
Mechanical	$16,100	$53,700	$23,200	$13,500
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$222,400**	**$106,600**	**$212,600**	**$42,600**
Importance Code A	$122,600	$28,100	$8,600	$8,600
Importance Code B	$80,800	$78,400	$204,000	$34,000
Importance Code C	$18,900			
Total	**$222,400**	**$106,600**	**$212,600**	**$42,600**

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL

Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2058	* *	10	$7,500	
Masonry: Brick	85%			LIFE	* *	5	$136,200	
Masonry: Brick	5%	Now	$24,200	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Elevator Machine Room								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Elevator Machine Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$2,400	
Metal Panel	4%			2043	* *	5-10	$44,100	
Wood	2%	Now	$16,800	2028	* *	5	$8,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Dormers								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Dormers								
Windows								
Aluminum	100%	Now	$193,400	2039	* *	5	$23,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	0-2	$9,500	LIFE	* *	5	$5,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	Now	$21,600	LIFE	* *	5	$3,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Metal Rail	10%	Now	$4,000	2036	* *	5	$10,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood Cornice	60%	Now	$46,400	2033	* *	5	$52,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL

Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%	Now	$700	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	2%			2051	* *	10	$2,900	
Metal Panel	3%			2036	* *	10	$3,100	
Modified Bitumen	25%	Now	$8,300	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%			2033	* *	10	$3,800	
Slate	60%	Now	$29,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%	Now	$52,500	2019	$174,900	3	$20,600	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$2,900	LIFE	* *	5	$30,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terrazzo	10%			LIFE	* *	5	$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Floors Have Been Reinforced With Temporary Columns								
Vinyl Tile	10%	Now	$116,500	2033	* *	3	$5,100	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Basement 9x9 Tiles								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Vinyl Tile	40%	Now	$46,600	2028	* *	3	$20,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Floors Have Been Reinforced With Temporary Columns								
Wood	15%	Now	$338,900	2051	* *	5	$19,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Attic								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Attic								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Attic								
Interior Walls								
Concrete Masonry Unit	10%	4+	$18,900	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$205,300	LIFE	* *	5	$15,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Attic And Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Attic And Basement								
Plaster	5%			LIFE	* *	5	$2,600	
Plaster	55%			LIFE	* *	5	$28,100	

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

DEPARTMENT OF EDUCATION - 040
DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2043	* *	5	$6,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	15%	Now	$166,300	2043	* *	5	$10,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Basement								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Basement								
AcousTileSusp.Lay-In	5%			2036	* *	5	$6,900	
Gypsum Board	5%	Now	$69,300	LIFE	* *	5	$8,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Plaster	20%	Now	$179,800	LIFE	* *	5	$17,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 35%								
Location : Attic And Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Attic And Basement								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Plaster	5%			LIFE	* *	5	$4,300	
Plaster	45%			LIFE	* *	5	$38,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	$102,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1200 Amps Main Fused Disconnect Switch In The Switchboard								
Molded Case Bkrs	40%			2023	$68,400	5	$900	
Raceway								
Conduit	70%			2023	$120,800	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Molded Case Bkrs	20%			2039	* *	5	$500	
Molded Case Bkrs	70%			2022	$125,600	5	$1,600	

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

DEPARTMENT OF EDUCATION - 040
DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL
Asset # : 1282

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$300	
Locally Mounted	50%			2021	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$996,500	10	$82,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	2%			2023	$20,300	2		
Egress Lighting								
Exit, Service	50%			2018	$12,300	1		
Exit, Battery	50%			2028	* *	10	$3,100	
Exterior Lighting								
HID	100%			2018	$336,100	10	$300	
Alarm								
Security System								
No Component	90%							
Generic	10%			2028	* *	1	$3,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 4000 Gals								

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

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL

Asset # : 1282

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	10%			2036	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of The Extension								
Explanation : One Boiler								
Steam Boiler	90%			2036	* *	1	$81,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2031	* *	4	$500	
Steam Piping/Pump	90%			2033	* *	4	$6,100	
Terminal Devices								
Convector/Radiator	95%	Now	$164,300	2028	* *	1	$25,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Fan Coil Unit/Heat	5%			2023	$68,500	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	5%			2039	* *	1		
No Component	95%							
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2021	$58,900	2	$300	
Window/Wall Unit	10%	Now	$1,900	2018	$18,800	1		
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Throughout								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,000	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2043	* *	1		
Galv Iron/Steel	98%			2036	* *	1		
Water Heater								
Gas Fired	100%			2018	$21,300	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$127,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Throughout Basement And Roof								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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

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

DEPARTMENT OF EDUCATION - 040

DISTRICT OFICE 32 SECOND OPPORTUNITY SCHOOL

Asset # : 1282

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : 2 Passenger Units. One Is Said To Be Condemned								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 2nd Floor								
Explanation : One Passenger Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	$25,700	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **DIVISION OF SCHOOL FACILITIES -Q**		
Address	: **28-11 QUEENS PLAZA NORTH**		
Borough	: **QUEENS**	**Agency's Number**	: **Q800**
Program / Asset #	: **BOE0894.000 / 1460**	**Yr Built/Renovated**	: **1911 / 2005**
Area Sq Ft	: **182,656**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,ph**		
Block	: **417** **Lot** : **2**	**BIN**	: **4005022**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$3,124,900	$619,000
Interior Architecture	$1,571,000	$220,900
Electrical	$1,325,900	$861,000
Mechanical	$1,608,700	$1,691,700
Total	**$7,630,500**	**$3,392,600**
Importance Code A	$3,124,900	$736,900
Importance Code B	$4,451,700	$2,548,200
Importance Code C	$53,900	$107,500
Total	**$7,630,500**	**$3,392,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$75,100		$27,500	
Interior Architecture	$18,100	$22,700	$16,600	$327,000
Electrical	$29,000	$6,900	$46,000	$6,600
Mechanical	$56,000	$59,200	$76,600	$63,200
Elevators/Escalators	$62,200	$62,200	$62,200	$62,200
Total	**$240,400**	**$150,900**	**$229,000**	**$459,000**
Importance Code A	$91,100	$16,000	$44,000	$16,000
Importance Code B	$149,300	$134,900	$185,000	$443,000
Importance Code C				
Total	**$240,400**	**$150,900**	**$229,000**	**$459,000**

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

DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture / System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$573,900	LIFE	* *	5	$275,400	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Chimney Coping								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Chimney Coping								
Masonry: Brick	50%			LIFE	* *	5	$176,200	
Masonry: Brick	15%	Now	$638,100	LIFE	* *	5	$52,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Penthouse, Bulkheads								
Sidewalk Shed in Use, Extent : Severe, Area Affected : 10%								
Location : Facades On 28th/29th Street And Queens Plaza								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Facades On 28th/29th Street And Queens Plaza								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Penthouse, Bulkheads								
Metal Panel	5%	0-2	$25,400	2034	* *	5	$33,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Sect. OHD	5%			2029	* *	5	$55,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$114,600	
Window Wall	5%	Now	$84,800	2044	* *	5	$33,000	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	90%	0-2	$799,000	2040	* *	5	$31,800	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Clad	10%	Now	$367,000	2049	* *	5	$22,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : North Facade, Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : North Facade, Stairs								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Cast Iron Window Washer Bolts								

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

DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	80%	Now	$190,300	LIFE	* *	5	$11,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Bulkheads								
Metal Rail	20%	Now	$22,000	2029	* *	5	$19,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : South Facade								
Roof								
Built-Up (BUR)	3%	Now	$8,800	2034	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
IRMA/Protected Membrane	85%	Now	$434,500	2034	* *			1
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Over East Stair								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Modified Bitumen	10%	Now	$37,300	2034	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Penthouse								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Skylight, Metal/Glass	2%	0-2	$18,900	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2020	$308,800	3	$48,400	
Carpet	5%			2023	$154,400	3	$24,200	
Cast in Place Concrete	10%			LIFE	* *	5	$52,900	
Ceramic Tile	5%	0-2	$46,900	2033	* *	5	$6,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Raised Access Floor	5%			2033	* *	5	$45,400	
Terrazzo	10%	0-2	$112,500	LIFE	* *	5	$18,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 9th Floor Corridor								
Vinyl Tile	55%			2019	$1,131,500	3	$49,900	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Explanation : 9 inch X 9 inch Tiles								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$26,900	
Gypsum Board	15%			LIFE	* *	5	$40,300	
Metal Panel	15%			LIFE	* *			
Travertine Panels	5%			LIFE	* *			
Plaster	15%	Now	$53,900	LIFE	* *	5	$20,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : 9th Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : 9th Floor								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 9th Floor								
Plaster	35%			LIFE	* *	5	$47,000	
Ceilings								
AcousTileConcealSpLn	40%			2029	* *	5	$121,000	
AcousTileSusp.Lay-In	25%	4+	$48,900	2037	* *	5	$30,200	
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : 5th Floor, At Stair Landings								
Exposed Concrete	15%	0-2	$116,800	LIFE	* *	5	$5,700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	20%			LIFE	* *	5	$30,200	

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

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	50%			2024	$58,900	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$58,900	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$215,000	5	$600	
Molded Case Bkrs	20%			2024	$53,800	5	$1,000	
Raceway								
Conduit	90%			2024	$283,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$38,100	5	$600	
Fused Knife Sw	5%	2-4	$12,700	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2040	* *	5	$1,000	
Molded Case Bkrs	60%			2023	$152,500	5	$2,900	
Wiring								
Braided Cloth	80%	2-4	$389,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$26,500	5	$1,100	
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2029	* *	10	$89,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	30%			2029	* *	10	$44,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$14,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	45%			2019	$98,100	10	$17,600	
Emergency, Battery	5%			2032	* *	10	$2,000	
Exit, Service	10%			2029	* *	1		
Exit, Service	40%			2019	$21,500	1		
Exterior Lighting								
HID	100%			2019	$689,800	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$20,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$34,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$160,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Natural Gas Steam Boilers And 2 Steam To Hot Water Heat Exchangers In Garage For Building Extension Areas								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2032	* *	4	$1,600	
Steam Piping/Pump	20%	Now	$166,200	2054	* *	4	$1,600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement, Blown Condensate Pump Seals								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Defective Steam Traps And Danfoss Valves								
Steam Piping/Pump	60%			2024	$498,500	4	$4,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Are Beyond Their Useful Life Cycle Limit								
Terminal Devices								
Air Handler	40%			2019	$348,600	1	$40,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Third, Sixth And Ninth Floors, Air Handlers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	60%			2022	$675,300	1	$31,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2022	$208,200	2	$1,000	
Reciprocating Compr/Chiller	50%	Now	$274,300	2034	* *	1	$33,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Chillers Plant Is Beyond Its Useful Life Cycle Limit								
Window/Wall Unit	40%			2019	$132,900	1		
Distribution								
Chilled Wtr Pipe/Pump	50%	0-2	$19,800	2034	* *	4	$4,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Chilled Water Pipes, Basement Mechanical Equipment Room								
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2019	$686,600	1	$100,000	
Heat Rejection								
Air Condenser Unit	10%			2024	$32,300	2	$11,300	
Water Cool Tower	50%			2022	$232,000	2	$81,300	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,100	
Plumbing								

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DEPARTMENT OF EDUCATION - 040
DIVISION OF SCHOOL FACILITIES -Q
Asset # : 1460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$37,600	2	$2,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : Passsenger Floors 1-9, Freight Basement - First Floor								
Explanation : 5 Geared Traction Passenger Elevators And 1 Freight								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-1								
Explanation : One Hydraulic Freight Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$81,500	
Sprinkler								
No Component	98%							
Generic	2%			2044	* *	1-2	$900	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement, Sprinkler System For Department Of Transportation								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **E. BRONX ACADEMY FOR THE FUTURE**		
Address	: **1716 SOUTHERN BLVD. @ E. 174 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **LEASE-X973**
Program / Asset #	: **BOE1057.000 / 14352**	**Yr Built/Renovated**	: **1969 / 2005**
Area Sq Ft	: **60,410**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2983** **Lot** : **15**	**BIN**	: **2010604**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$105,300	$162,100
Interior Architecture	$38,400	$78,500
Electrical	$55,400	
Total	**$199,200**	**$240,700**
Importance Code A	$105,300	$162,100
Importance Code B	$93,800	$38,400
Importance Code C		$40,100
Total	**$199,200**	**$240,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,300			
Interior Architecture	$3,500	$33,200		
Electrical	$4,900	$5,500	$7,500	$8,000
Mechanical	$14,800	$12,500	$15,000	$16,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$52,400**	**$59,200**	**$30,400**	**$32,000**
Importance Code A	$23,400	$3,800	$2,100	$3,900
Importance Code B	$26,800	$53,300	$28,300	$28,100
Importance Code C	$2,100	$2,100		
Total	**$52,400**	**$59,200**	**$30,400**	**$32,000**

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DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$87,800	
Granite Panels	10%			LIFE	* *	5	$7,300	
Windows								
Aluminum	100%	Now	$21,300	2047	* *	5	$5,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms 313, 402								
Parapets								
Masonry: Brick Cavity	15%			LIFE	* *	5	$3,400	
Metal Panel	55%			2051	* *	5	$48,100	
Metal Rail	30%			2042	* *	5-10	$122,400	
Roof								
Modified Bitumen	100%	Now	$57,200	2030	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Fourth Floor								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over Fourth Floor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,900	
Ceramic Tile	3%			2038	* *	5	$2,700	
Quarry Tile	2%			2042	* *	5	$2,700	
Sheet Vinyl/Rubber	35%			2033	* *	5	$47,500	
Slate	2%			LIFE	* *	5	$1,900	
Vinyl Tile	53%			2033	* *	3	$18,000	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	$4,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Folding Partition	2%			2047	* *	5	$4,300	
Glass: Single Pane	3%			LIFE	* *	5	$1,900	
Gypsum Board	78%			LIFE	* *	5	$40,100	
Ceilings								
AcousTileSusp.Lay-In	85%			2042	* *	5	$76,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$5,700	
Metal Panel	5%			LIFE	* *	5	$5,700	

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

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DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1600 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Service Room								
Explanation : Connected To Water Pipe. Point Of Contact Not Visible Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$18,600	
Generators								
Diesel	100%			2034	* *	1	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Detroit Diesel 225 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$2,200	
Fuel Storage								
Day Tank	50%			2041	* *	5	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2053	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 108- Multipurpose								
Explanation : 275 Gallons Capacity								
Lighting								

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E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2030	* *	10	$38,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	25%			2030	* *	10	$13,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	5%			2030	* *	10	$2,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
Fluorescent	50%			2030	* *	10	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Walls								
Explanation : Compact Fluorescent,Timer Controlled								
HID	50%			2030	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Timer Controlled								
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	30%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : Terminal Units Are Electric								
Natural Gas	70%			2045	* *	1		

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

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%			2030	* *	1	$20,900	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Radiant Heater	30%			2030	* *	2	$8,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : Unit Heaters, Door Heaters, And Reheat Coils Electrical								
Terminal Devices								
Fan Coil Unit/Heat	30%			2030	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : All Terminal Units (Reheat Coils, Unit Heaters, Entrance Door Heaters) Are Electrical								
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	85%			2030	* *	2	$3,100	
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : 5 Rtus, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Rtu-1 (60t), Rtu-2 (60t), Rtu-3 (31t), Rtu-4 (26 T), Rtu-5 (26 T); R-22; 4 Levels Of Compressors								
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,700	
Exhaust Fans								
Roof	85%			2030	* *	2	$1,600	
Wall Unit	15%			2030	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Basement								
Explanation : Basement Mechanical And Electrical Rooms Exhaust Through Side Wall To Street Level								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$14,100	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
E. BRONX ACADEMY FOR THE FUTURE
Asset # : 14352

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$3,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$16,900	
Fire Pump								
Generic	100%			2034	* *	1	$11,300	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **EAGLE ACADEMY FOR YOUNG MEN - BX**
Address : **4143 3RD AVENUE @ E.176 ST**
Borough : **BRONX**
Agency's Number : **X465**
Program / Asset # : **BOE1120.000 / 14576**
Yr Built/Renovated : **2010 /**
Area Sq Ft : **78,000**
Project Type : **EDUCATION**
Date of Survey : **07-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2923** **Lot** : **23** **BIN** : **2000000**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$358,100	$92,800
Interior Architecture	$195,900	$108,700
Electrical		$71,500
Mechanical	$110,900	
Total	**$664,900**	**$273,000**
Importance Code A	$358,100	$92,800
Importance Code B	$216,400	$131,000
Importance Code C	$90,400	$49,300
Total	**$664,900**	**$273,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,600	$10,800	$8,000	
Interior Architecture	$125,900		$16,600	$3,500
Electrical	$8,900	$8,700	$6,000	$6,000
Mechanical	$36,200	$14,100	$22,200	$13,300
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$233,400**	**$45,500**	**$64,700**	**$34,600**
Importance Code A	$54,200	$15,000	$11,500	$4,200
Importance Code B	$128,500	$30,500	$53,200	$30,400
Importance Code C	$50,700			
Total	**$233,400**	**$45,500**	**$64,700**	**$34,600**

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

DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$185,500	
Metal/Glass Curt Wall	10%	Now	$92,000	LIFE	* *	5	$21,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : North And West Facades - Impact Cracks								
Pre-Cast Concrete	2%			LIFE	* *	5	$15,100	
Slate Panels	8%			LIFE	* *	5	$13,900	
Windows								
Aluminum	95%	Now	$102,000	2048	* *	5	$12,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Facade - Wind Damage								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria And Corridors								
Explanation : Gasketing Within Panes Displaced								
Metal Louvers	5%			2039	* *	10	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level								
Explanation : Actually Metal Perforated Protective Grills								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$83,600	
Metal Rail	10%			2043	* *	5-10	$27,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$19,200	
Roof								
IRMA/Protected Membrane	90%	Now	$26,500	2034	* *			
Drains Inad/Misposn, Extent : Severe, Area Affected : 10%								
Location : Area Under Generator - South E Corner								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Area Under Generator - South E Corner								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Penetration For Smoke Damper								
Metal Panel	5%			2043	* *	10	$6,800	
Plaza Roof: Stone Panels	5%			2052	* *			
Interior								

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	2-4	$17,800	2027	* *	3	$10,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Library								
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Ceramic Tile	5%			2039	* *	5	$7,000	
Quarry Tile	5%	Now	$4,000	2043	* *	5	$5,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Floor Drain In Kitchen Leaking Into Gymnasium Below								
Vinyl Tile	75%			2034	* *	3	$39,300	
Wood	5%	Now	$46,100	2061	* *	5	$6,600	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Gymansium - Floor Boards Cupping								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium Floor								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$17,100	
Ceramic Tile	25%	Now	$18,900	2039	* *	5	$17,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Exterior Corner Edge Conditions - No Protective Guards								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Block								
Gypsum Board	60%			LIFE	* *	5-10	$139,600	
Operable Wall	5%			2052	* *	5	$24,000	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$118,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,000	
Gypsum Board	5%			LIFE	* *	5-10	$24,000	
Metal Panel	5%			LIFE	* *	5	$17,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	

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

DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	85%			2048	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$24,000	
Generators								
Diesel	100%			2039	* *	1	$30,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 125 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$2,900	
Fuel Storage								
Day Tank	20%			2048	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 60 Gals								
Main Tank	80%			2061	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 270 Gals								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$64,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	10%			2034	* *	10	$7,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Lobby And Stairway								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2052	* *	1		
Conversion Equipment								
Furnace	90%			2034	* *	1	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Radiant Heater	10%			2034	* *	2	$3,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases And Hallways								
Explanation : 20 Electrical Radiants								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	78%	Now	$8,000	2034	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Top Package Units - R407c Refrigerant								
Ext Pkg Unit - Heating/Cooling	20%	0-2	$102,900	2036	* *	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Building Management System								
Split Unit	2%			2034	* *			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,900	

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DEPARTMENT OF EDUCATION - 040
EAGLE ACADEMY FOR YOUNG MEN - BX
Asset # : 14576

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2034	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$18,100	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-4 (1) 1-2								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$21,900	
Fire Pump								
Generic	100%			2039	* *	1	$14,600	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **EAST N.Y. TRANSIT TECH. H.S.-BK**		
Address	: **1 WELLS STREET @ FOUNTAIN AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K615**
Program / Asset #	: **BOE0649.000 / 1211**	**Yr Built/Renovated**	: **1941 / 1998**
Area Sq Ft	: **182,320**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **4155** **Lot** : **75**	**BIN**	: **3327249**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$171,700	$782,500
Interior Architecture	$244,500	$665,700
Electrical	$1,034,600	$1,244,400
Mechanical	$362,400	$538,100
Total	**$1,813,200**	**$3,230,700**
Importance Code A	$215,400	$824,500
Importance Code B	$1,532,200	$2,357,200
Importance Code C	$65,500	$49,000
Total	**$1,813,200**	**$3,230,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$74,500	$15,300		$27,700
Interior Architecture	$20,000	$10,700	$6,700	$7,100
Electrical	$14,700	$37,200	$17,000	$49,000
Mechanical	$25,500	$37,200	$57,200	$84,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$142,600**	**$108,300**	**$88,700**	**$176,000**
Importance Code A	$74,500	$33,100	$17,800	$45,900
Importance Code B	$60,600	$75,200	$71,000	$130,100
Importance Code C	$7,500			
Total	**$142,600**	**$108,300**	**$88,700**	**$176,000**

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

DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Architecture / System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	2%			LIFE	* *			
Concrete Masonry Unit	2%			LIFE	* *	5	$1,300	
Masonry: Brick	85%			LIFE	* *	5	$86,600	
Masonry: Granite	5%			LIFE	* *	5	$3,800	
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Metal Coiling Doors	1%	0-2	$11,600	2038	* *	5	$1,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	95%	0-2	$171,700	2041	* *	5	$20,500	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Throughout								
Bronze/Brass	3%			2033	* *	5	$8,100	
Glass Block	2%	Now	$4,300	LIFE	* *	5	$500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Parapets								
Masonry: Brick	95%	Now	$25,900	LIFE	* *	5	$9,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 313								
Weepholes Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor Rooms Throughout South Side								
Metal Rail	5%			2038	* *	5-10	$8,500	
Roof								
Built-Up (BUR)	25%			2030	* *	10	$27,700	
IRMA/Protected Membrane	70%			2025	$618,300	10	$77,600	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium, Room 314 And Rcl Lab								
Metal Panel	3%			2038	* *	10	$6,100	
Skylight, Metal/Glass	2%	0-2	$32,700	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$58,800	
Ceramic Tile	3%	0-2	$78,100	2028	* *	5	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%	0-2	$12,500	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%			2030	* *	3	$25,200	
Vinyl Tile	20%			2025	$457,100	3	$20,200	
Wood	40%			2040	* *	5	$201,600	

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	0-2	$7,500	2034	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,900	
Marble Panels	3%			LIFE	* *			
Plaster	60%	2-4	$65,500	LIFE	* *	5	$49,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2030	* *	5	$14,200	
AcousTileSusp.Lay-In	2%			2038	* *	5	$4,500	
Exposed Concrete	70%			LIFE	* *	5	$24,800	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Room 315								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Top Floor								
Plaster	23%			LIFE	* *	5	$32,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	95%			2025	$232,100	5	$700	
Molded Case Bkrs	5%			2045	* *	5	$200	
Raceway								
Conduit	95%			2025	$274,600	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$400	
Molded Case Bkrs	85%			2024	$216,000	5	$4,100	
Molded Case Bkrs	5%			2041	* *	5	$200	
Wiring								
Thermoplastic	95%			2025	$370,400	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	5%			2038	* *	5	$100	
Locally Mounted	95%			2023	$109,400	5	$1,200	
Ground								

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$56,100	
Generators								
Diesel	100%			2028	* *	1	$70,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Work Shop Room								
Explanation : One 219 Kva Atlantic Detroit Diesel Genset								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$40,600	
Fuel Storage								
Main Tank	100%			2040	* *	5	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	89%			2030	* *	10	$146,600	
Fluorescent	2%			2035	* *	10	$3,300	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Gym								
HID	4%			2020	$57,300	10	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Type: Mercury								
Incandescent	5%			2020	$99,700	2	$200	
Egress Lighting								
Emergency, Service	48%			2020	$42,400	1		
Emergency, Battery	2%			2020	$4,800	10	$900	
Exit, Service	50%			2020	$24,200	1		
Exterior Lighting								
HID	100%			2020	$688,600	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$20,400	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

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

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$55,600	
Conversion Equipment								
Steam Boiler	100%	Now	$43,700	2030	* *	1	$160,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$8,900	
Terminal Devices								
Air Handler	20%			2025	$193,700	1	$22,200	
Convector/Radiator	70%			2030	* *	1	$40,600	
Fan Coil Unit/Heat	10%			2030	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2023	$115,600	2	$600	
Window/Wall Unit	75%			2020	$276,900	1		
No Component	20%							
Heat Rejection								
Remote Air Cond	5%			2025	$42,900	2	$6,300	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,100	
Exhaust Fans								
Interior	40%			2030	* *	2	$2,200	
Roof	60%			2025	$85,700	2	$3,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$41,800	2	$2,600	
HW Heat Exchanger								
Low Temp	100%			2025	$55,700	4	$26,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
EAST N.Y. TRANSIT TECH. H.S.-BK
Asset # : 1211

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : B-4								
Explanation : 1 Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$90,600	
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$5,000	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **EAST SIDE COMMUNITY SCHOOL - M**		
Address	: **420 EAST 12 STREET BTWN: 1 AVE., AVE.A**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M450**
Program / Asset #	: **BOE0037.000 / 1700**	**Yr Built/Renovated**	: **1924 / 2013**
Area Sq Ft	: **120,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **439** **Lot** : **17**	**BIN**	: **1005974**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$375,600	$577,600
Interior Architecture	$930,000	$546,700
Electrical	$2,345,800	$713,500
Mechanical	$154,600	$1,347,800
Total	**$3,806,000**	**$3,185,600**
Importance Code A	$375,600	$598,600
Importance Code B	$3,132,700	$2,546,100
Importance Code C	$297,700	$40,900
Total	**$3,806,000**	**$3,185,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$63,700	$11,700		$12,300
Interior Architecture	$118,600	$18,200		$10,000
Electrical	$9,500	$400	$1,400	$86,100
Mechanical	$32,200	$22,500	$33,100	$111,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$228,900**	**$57,800**	**$39,500**	**$224,900**
Importance Code A	$77,000	$24,900	$13,200	$25,800
Importance Code B	$152,000	$27,200	$26,200	$199,100
Importance Code C		$5,700		
Total	**$228,900**	**$57,800**	**$39,500**	**$224,900**

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$25,600	
Masonry: Brick	75%	2-4	$74,200	LIFE	* *	5	$49,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%	0-2	$19,400	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$17,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2055	* *	5-10	$45,100	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$254,800	2047	* *	5	$30,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	25%			2038	* *	5-10	$76,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,300	
Roof								
IRMA/Protected Membrane	85%	Now	$26,400	2025	$528,400			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2045	* *	10	$7,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Paver: Asphalt	10%			2028	* *	10	$11,700	
Interior								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,400	LIFE	* *	5	$21,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$9,700	2034	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$15,000	
Sheet Vinyl/Rubber	40%			2030	* *	5	$119,900	
Terrazzo	5%	2-4	$23,200	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	20%	0-2	$17,000	2025	$339,900	3	$15,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	2-4	$132,100	2020	$440,300	3	$15,000	
Loose Units, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$143,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2028	* *	5	$11,400	
Gypsum Board	5%			LIFE	* *	5	$6,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%	Now	$44,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	60%	2-4	$109,500	LIFE	* *	5	$40,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$10,000	
Exposed Concrete	10%	Now	$32,100	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$26,200	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Stair #6 To Roof								
Plaster	75%			LIFE	* *	5	$93,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$175,900	5	$500	
Fused Disc Sw	10%			2045	* *	5	$100	
Raceway								
Conduit	95%			2025	$198,200	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	80%			2024	$143,500	5	$2,500	
Wiring								
Braided Cloth	70%	0-2	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$59,700	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	30%			2030	* *	10	$36,700	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	66%			2020	$978,900	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 66%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$21,300	10	$100	
Incandescent	2%			2020	$29,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$90,100	10	$16,100	
Exit, Service	50%			2020	$18,000	1		
Exterior Lighting								
HID	100%			2020	$453,200	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$497,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$132,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$46,600	2045	* *	4	$6,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	Now	$5,400	2020	$108,000	1	$11,200	
Broken, Extent : Light, Area Affected : 5%								
Location : Defective Blower Fan Motors								
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Convector/Radiator	85%			2023	$1,072,000	1	$36,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$27,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,500	
Exhaust Fans								
Interior	80%			2025	$118,100	2	$3,300	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Explanation : Disconnected								
Roof	20%			2030	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$79,800	1		
Water Heater								
Gas Fired	100%			2020	$31,100	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-5								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$78,000	1-2	$1,900	

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DEPARTMENT OF EDUCATION - 040
EAST SIDE COMMUNITY SCHOOL - M
Asset # : 1700

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **EAST SIDE MIDDLE SCHOOL - M**				
Address	: **331 EAST 91ST STREET @ FIRST AVE**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M114**
Program / Asset #	: **BOE1107.000 / 14563**			**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **79,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Apr-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1554**	**Lot**	: **23**	**BIN**	: **1087665**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$37,300	$75,300
Interior Architecture	$217,600	$82,000
Electrical		$76,900
Total	**$254,800**	**$234,300**
Importance Code A	$37,300	$75,300
Importance Code B	$116,300	$115,300
Importance Code C	$101,300	$43,700
Total	**$254,800**	**$234,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,200	$14,200	$8,400	
Interior Architecture	$35,700	$37,900	$19,600	
Electrical	$9,300	$11,400	$6,400	$6,400
Mechanical	$53,100	$40,100	$36,700	$43,400
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$155,100**	**$118,500**	**$85,900**	**$64,600**
Importance Code A	$46,500	$18,400	$12,600	$4,100
Importance Code B	$91,500	$100,100	$73,300	$60,500
Importance Code C	$17,000			
Total	**$155,100**	**$118,500**	**$85,900**	**$64,600**

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

DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	3%			LIFE	* *	5	$8,700	
Masonry: Brick Cavity	80%			LIFE	* *	5	$74,500	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$8,700	
Metal Panel	10%			2052	* *	5-10	$32,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop Mechanical Enclosures								
Explanation : Louvered Wall Panels								
Pre-Cast Concrete	2%			LIFE	* *	5	$6,100	
Windows								
Aluminum	85%			2048	* *	5	$9,600	
Glass Block	3%			LIFE	* *	5	$400	
Metal Louvers	12%			2039	* *	10	$8,400	
Parapets								
Masonry: Brick Cavity	55%			LIFE	* *	5-10	$20,100	
Metal Panel	10%			2052	* *	5	$2,100	
Metal Rail	25%			2043	* *	5-10	$24,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,700	
Roof								
IRMA/Protected Membrane	85%			2034	* *	10	$38,000	
Plaza Roof: Stone Panels	15%			2052	* *			
Interior								
Floors								
Carpet	2%			2027	* *	3	$3,800	
Cast in Place Concrete	5%			LIFE	* *	5	$27,500	
Ceramic Tile	5%			2039	* *	5	$6,300	
Quarry Tile	3%			2043	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$9,800	
Traffic Topping	8%			2034	* *	5	$12,600	
Vinyl Tile	65%			2034	* *	3	$30,600	
Wood	7%			2061	* *	5	$16,500	
Interior Walls								
Ceramic Tile	50%			2039	* *	5	$87,300	
Concrete Masonry Unit	15%			LIFE	* *	5	$21,000	
Glass: Single Pane	5%			LIFE	* *	5	$13,100	
Gypsum Board	30%			LIFE	* *	5-10	$89,000	
Ceilings								
AcousTileSusp.Lay-In	55%			2043	* *	5	$67,600	
Exposed Struc: Steel	20%			LIFE	* *	10	$49,100	
Other Observation, Extent : Light, Area Affected : 65%								
Location : Basement, Mechanical Penthouses								
Explanation : Metal Decking								
Gypsum Board	25%			LIFE	* *	5-10	$105,600	

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

DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$200	
Molded Case Bkrs	90%			2048	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$300	
Variable Frequency Drive	50%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$24,300	
Generators								
Diesel	100%			2039	* *	1	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In The 6th Floor								
Explanation : Emergency Generator Rated @ 200 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$2,900	
Fuel Storage								
Day Tank	50%			2048	* *	5	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2061	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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

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

DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$69,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2034	* *	10	$7,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Manual Pull Stations, Strobe Lights, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$41,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 5th Floor								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2048	* *	4	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	90%			2034	* *	1	$46,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Different Locations								
Explanation : 6 Air Handlers With Cooling And Heating Coils								
Fan Coil Unit/Heat	10%			2034	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Through The Whole Building								
Explanation : Fan Coil Units Along All Windows And Stairs								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2034	* *	1	$38,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 2 Chillers, R-407 Refrigerant								
Distribution								
Chilled Wtr Pipe/Pump	100%			2052	* *	4	$4,100	
Terminal Devices								
Air Handler/Cool/Ht	100%			2034	* *	1	$51,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 5th Floor								
Explanation : 6 Air Handlers Each With Heating And Cooling Coils								
Heat Rejection								
Air Condenser Unit	100%			2034	* *	2	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,000	
Exhaust Fans								
Roof	100%			2034	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2025	$19,500	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 5th Floor								
Explanation : 1 Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

DEPARTMENT OF EDUCATION - 040
EAST SIDE MIDDLE SCHOOL - M
Asset # : 14563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sewage Ejector(s)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : In Progress Of Modification Or Replacement								
Backflow Preventer								
Generic	100%			2034	* *	1	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room Located On Roof								
Explanation : 3 Elevators - One Freight From Basement :1st Floor And Two Passenger Elevators From 1st : 5th Floor								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$23,500	
Fire Pump								
Generic	100%			2039	* *	1	$15,700	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**EDWARD R. MURROW HIGH SCHOOL -BK**			
Address	:	**1600 AVENUE L BTWN: EAST 17 ST., EAST 18 ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K525**
Program / Asset #	:	**BOE0644.000 / 1207**	**Yr Built/Renovated**	:	**1974 / 2015**
Area Sq Ft	:	**410,600**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**09-Jan-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**6734** **Lot** : **109**	**BIN**	:	**3180673**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$599,300	$816,700
Interior Architecture	$2,352,800	$5,095,500
Electrical		$6,977,700
Mechanical	$386,200	$10,084,300
Total	**$3,338,300**	**$22,974,100**
Importance Code A	$707,000	$3,045,700
Importance Code B	$1,821,400	$19,827,000
Importance Code C	$809,800	$101,400
Total	**$3,338,300**	**$22,974,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,900			
Interior Architecture	$20,700			$76,100
Electrical	$69,400	$33,100	$41,800	$37,700
Mechanical	$64,800	$213,500	$145,700	$204,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$199,700**	**$254,500**	**$195,400**	**$326,100**
Importance Code A	$36,900	$43,800	$43,800	$43,800
Importance Code B	$142,100	$210,700	$151,600	$282,300
Importance Code C	$20,700			
Total	**$199,700**	**$254,500**	**$195,400**	**$326,100**

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

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$619,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2046	* *	5-10	$115,800	
Window Wall	3%			2046	* *	5	$37,900	
Windows								
Aluminum	97%			2042	* *	5	$40,400	
Metal Louvers	3%			2035	* *	10	$7,800	
Parapets								
Masonry: Brick	65%			LIFE	* *	5-10	$82,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	25%			2039	* *	5-10	$83,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$23,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	86%			2031	* *	10	$322,500	
Copper/Terne	2%	Now	$5,000	2041	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	10%			2039	* *	10	$68,800	
Sloped Glazing	2%			LIFE	* *	5	$200,000	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$202,800	
Ceramic Tile	3%			2035	* *	5	$19,900	
Slate	5%			LIFE	* *	5	$70,300	
Vinyl Tile	80%	Now	$900,700	2026	$4,503,600	3	$198,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$109,200	2054	* *	5	$31,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$62,200	2035	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$166,900	LIFE	* *	5	$30,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	3%	Now	$179,400	2042	* *	5	$28,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	10	$11,300	
Metal Panel	7%	Now	$36,300	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%			LIFE	* *	10	$9,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	45%	Now	$271,200	LIFE	* *	5	$101,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$93,900	
Ceilings								
AcousTile,Adhered	15%			2046	* *	5	$92,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileConcealSpLn	20%			2031	* *	5	$154,700	
AcousTileConcealSpLn	15%			2043	* *	5	$116,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Corridors								
Exposed Concrete	50%			LIFE	* *	5-10	$386,800	

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

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

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2026	$75,600	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Five 1200 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amp Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amp Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2024	$15,800	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 750 Kva , 480hv-208/120lv Supply								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$659,800	5	$1,600	
Fused Disc Sw	10%			2046	* *	5	$200	
Raceway								
Conduit	95%			2026	$823,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$73,200	5	$900	
Fused Disc Sw	5%			2042	* *	5	$500	
Molded Case Bkrs	75%			2025	$549,300	5	$8,100	
Molded Case Bkrs	10%			2042	* *	5	$1,100	
Wiring								
Thermoplastic	90%			2026	$1,052,600	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2039	* *	5	$600	
Locally Mounted	80%			2024	$276,300	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$12,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$22,000	1	$126,300	
Generators								
Diesel	100%			2022	$121,400	1	$159,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kw								

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

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

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$15,200	
Fuel Storage								
Main Tank	100%			2029	* *	5	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 75 Gals								
Lighting								
Interior Lighting								
Fluorescent	85%			2031	* *	10	$344,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$20,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Through The Building								
Explanation : Compact Fluorescent Lamps								
Fluorescent	5%			2021	$245,700	10	$20,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Closets & Some Areas In Basement								
Explanation : T-12 Lamps								
Incandescent	3%			2021	$147,400	2	$300	
LED	2%			2034	* *			
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	30%			2021	$35,800	1		
Exit, Service	10%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$46,000	
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2021	$2,551,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$137,000	

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

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

DEPARTMENT OF EDUCATION - 040

EDWARD R. MURROW HIGH SCHOOL -BK

Asset # : 1207

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$107,700	2024	$2,153,400	1	$394,300	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes In #2 & #4 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$154,400	2026	$3,088,500	4	$21,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%	Now	$47,700	2026	$954,000	1	$98,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Outside Air Louver Motors, Fan Room								
Convector/Radiator	60%			2031	* *	1	$85,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	15%			2029	* *	1	$71,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : No Access To Check Refrigerant Type								
Reciprocating Compr/Chiller	20%			2026	$300,300	1	$41,000	
Window/Wall Unit	20%			2021	$181,900	1		
No Component	45%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$1,925,200	1	$273,500	
Heat Rejection								
Water Cool Tower	100%			2024	$698,300	2	$445,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$76,400	LIFE	* *	2-5	$246,700	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Cafeteria								
Explanation : Broken Automatic Controls								
Exhaust Fans								
Interior	50%			2026	$244,500	2	$6,800	
Roof	50%			2026	$175,800	2	$6,800	
Plumbing								

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

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

DEPARTMENT OF EDUCATION - 040
EDWARD R. MURROW HIGH SCHOOL -BK
Asset # : 1207

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2036	* *	1		
Galv Iron/Steel	10%	2-4	$2,600	2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main								
HW Heat Exchanger								
HTHW/HW	100%			2036	* *			
Sanitary Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Cross Bay, Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$223,000	
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$18,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **EDWARD REYNOLDS WEST SIDE HS - M**		
Address	: **140 WEST 102ND STREET @AMSTERDAM AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M506**
Program / Asset #	: **BOE1002.000 / 4509**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1855** **Lot** : **9**	**BIN**	: **1055911**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$109,200	$96,500
Interior Architecture	$81,400	$89,000
Electrical	$70,100	$77,200
Total	**$260,800**	**$262,600**
Importance Code A	$109,200	$96,500
Importance Code B	$151,600	$117,200
Importance Code C		$48,900
Total	**$260,800**	**$262,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,100			
Interior Architecture	$7,100	$3,900	$4,300	$12,200
Electrical	$10,200	$8,300	$19,900	$9,900
Mechanical	$17,600	$16,800	$39,800	$17,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$58,800**	**$40,800**	**$75,800**	**$51,700**
Importance Code A	$15,900	$3,800	$4,000	$3,800
Importance Code B	$42,900	$34,900	$71,900	$47,900
Importance Code C		$2,100		
Total	**$58,800**	**$40,800**	**$75,800**	**$51,700**

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

DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$9,800	
Masonry: Brick	98%			LIFE	* *	5	$96,500	
Windows								
Aluminum	100%	Now	$109,200	2040	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$7,200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Explanation : Covered With Single Ply Membrane								
Pre-Cast Concrete	10%			LIFE	* *	5	$5,000	
Roof								
Single Ply Membrane	100%	Now	$12,100	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Classroom 327 And Gymnasium								
Interior								
Floors								
Ceramic Tile	3%			2033	* *	5	$3,400	
Quarry Tile	2%			2037	* *	5	$3,400	
Sheet Vinyl/Rubber	5%			2029	* *	5	$8,600	
Vinyl Tile	85%	0-2	$41,400	2029	* *	3	$36,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2052	* *	5	$10,700	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$4,300	
Glass: Single Pane	3%			LIFE	* *	5	$3,200	
Gypsum Board	57%			LIFE	* *	5	$48,900	
SGFT/Glazed Masonry	37%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2037	* *	5	$80,100	
Exposed Struc: Steel	10%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	20%			LIFE	* *	5	$28,600	

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

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

DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$26,200	
Generators								
Diesel	100%			2033	* *	1	$32,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Nameplate Ratings Not Available. Onan Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$18,900	
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2029	* *	10	$67,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2029	* *	10	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elevators								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	100%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	

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

DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$77,200	1	$9,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$16,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$37,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,600	
Terminal Devices								
Air Handler	100%			2029	* *	1	$47,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$4,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,600	
Exhaust Fans								
Roof	100%			2029	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$17,800	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2029	* *	1	$4,700	
Fixtures								
Generic	100%							

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

DEPARTMENT OF EDUCATION - 040
EDWARD REYNOLDS WEST SIDE HS - M
Asset # : 4509

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-3, (1) B-1								
Explanation : 3 Units								
1 Of 3 Units Defective								
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2044	* *	1-5	$28,000	
Sprinkler								
Generic	100%			2044	* *	1-2	$21,400	
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **EL PUENTE H.S. - BK**		
Address	: **250 HOOPER ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K778**
Program / Asset #	: **BOE1077.000 / 14423**	**Yr Built/Renovated**	: **1890 / 2009**
Area Sq Ft	: **35,407**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2207** **Lot** : **2**	**BIN**	: **3060407**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$908,600	$37,600
Interior Architecture	$46,700	
Mechanical		$661,300
Total	**$955,300**	**$699,000**
Importance Code A	$908,600	$117,300
Importance Code B		$581,700
Importance Code C	$46,700	
Total	**$955,300**	**$699,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$86,500			$24,000
Interior Architecture	$76,400	$2,000	$2,500	$1,300
Electrical	$600			
Mechanical	$4,000	$10,900	$5,900	$17,200
Total	**$167,400**	**$12,900**	**$8,400**	**$42,500**
Importance Code A	$88,200	$1,800	$1,800	$25,700
Importance Code B	$50,800	$11,200	$5,400	$16,700
Importance Code C	$28,400		$1,200	
Total	**$167,400**	**$12,900**	**$8,400**	**$42,500**

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

DEPARTMENT OF EDUCATION - 040

EL PUENTE H.S. - BK

Asset # : 14423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$340,800	LIFE	* *	5	$37,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Masonry: Limestone	30%	Now	$528,900	LIFE	* *	5	$12,100	
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Windows								
Aluminum	95%	Now	$24,300	2033	* *	5	$5,800	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : Throughout.								
Steel	5%	0-2	$31,900	2050	* *	5	$3,800	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick	75%	Now	$28,700	LIFE	* *	5	$2,500	
Parge/Tar Separating, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	25%	Now	$39,000	LIFE	* *	5	$1,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Roof								
Copper/Terne	5%	Now	$1,700	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Top Of Bulkheads Above Main Roof								
Modified Bitumen	95%			2030	* *	10	$24,000	
Interior								

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

DEPARTMENT OF EDUCATION - 040

EL PUENTE H.S. - BK

Asset # : 14423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	0-2	$700	2024	$33,800	3	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At The Library Entrance								
Explanation : Carpet Fraying								
Cast in Place Concrete	5%	Now	$1,400	LIFE	* *	5	$5,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Cellar								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Cellar								
Ceramic Tile	5%			2034	* *	5	$2,700	
Terrazzo	45%			LIFE	* *	5	$18,600	
Vinyl Tile	30%			2030	* *	3	$6,000	
Wood	10%	4+	$17,500	2040	* *	5	$5,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$2,400	
Gypsum Board	30%			LIFE	* *	5	$8,700	
Masonry: Brick	5%	Now	$28,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Cellar								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	60%	Now	$46,700	LIFE	* *	5	$8,700	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Wall Behind Stage								
Ceilings								
AcousTileSusp.Lay-In	85%	2-4	$18,200	2030	* *	5	$22,500	
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%	Now	$8,800	LIFE	* *	5	$3,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Cellar								
Plaster	10%	4+	$1,400	LIFE	* *	5	$3,300	
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : Ceiling Behind Stage								

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

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

DEPARTMENT OF EDUCATION - 040

EL PUENTE H.S. - BK

Asset # : 14423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Room C005								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$800	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$31,800	
Other Observation, Extent : Light, Area Affected : 98%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2033	* *	2		
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$4,300	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 3,000 Gallon Tank								

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

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

DEPARTMENT OF EDUCATION - 040

EL PUENTE H.S. - BK

Asset # : 14423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2023	$79,700	1	$17,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2025	$247,200	4	$2,600	
Terminal Devices								
Convector/Radiator	100%			2023	$334,400	1	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Recently Installed Thermostatic Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Wiring In Place For Future Window Units								
Conversion Equipment								
Window/Wall Unit	35%			2023	$25,500	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$19,700	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Programable Energy Saving Controls								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2020	$8,200	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Indirect Fired 200 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$2,200	
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**ELIZABETH A. CONNELLY CAMPUS -SI**			
Address	:	**280 REGIS DRIVE @ GOETHALS RD. N.**			
Borough	:	**STATEN ISLAND**	**Agency's Number**	:	**R861**
Program / Asset #	:	**BOE1097.000 / 14448**	**Yr Built/Renovated**	:	**2009 /**
Area Sq Ft	:	**108,688**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**16-Mar-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,3,4**			
Block	:	**1653** **Lot** : **1**	**BIN**	:	**5032481**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$210,700	$273,000
Interior Architecture	$171,800	$123,900
Electrical		$99,700
Mechanical	$26,900	
Total	**$409,500**	**$496,600**
Importance Code A	$210,700	$273,000
Importance Code B	$93,300	$166,100
Importance Code C	$105,400	$57,500
Total	**$409,500**	**$496,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,600	$12,800		
Interior Architecture	$20,800		$39,800	
Electrical	$12,800	$10,800	$8,800	$8,800
Mechanical	$66,400	$12,800	$58,700	$12,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$135,500**	**$44,300**	**$115,100**	**$29,500**
Importance Code A	$27,800	$12,800		
Importance Code B	$107,700	$31,500	$94,600	$29,500
Importance Code C			$20,500	
Total	**$135,500**	**$44,300**	**$115,100**	**$29,500**

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

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$173,900	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$21,700	
Metal Panel	20%			2052	* *	5-10	$159,400	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$94,000	
Masonry: Limestone	10%			LIFE	* *	5-10	$18,600	
Roof								
Copper/Terne	5%			2061	* *	10	$9,200	
IRMA/Protected Membrane	95%			2034	* *	10	$70,100	
Interior								
Floors								
Ceramic Tile	5%			2039	* *	5	$7,000	
Terrazzo	5%			LIFE	* *	5	$10,900	
Vinyl Tile	90%			2034	* *	3	$47,200	
Interior Walls								
Ceramic Tile	30%			2039	* *	5	$41,100	
Gypsum Board	70%			LIFE	* *	5-10	$162,900	
Ceilings								
AcousTileSusp.Lay-In	95%			2043	* *	5	$132,800	
Gypsum Board	5%			LIFE	* *	5-10	$24,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 500 Kva, One 150 Kva, One 75 Kva & One 45 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	

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

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	90%			2048	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$33,400	
Generators								
Diesel	100%			2039	* *	1	$42,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 300 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2061	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$94,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$5,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$3,200	
Alarm								

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

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$12,200	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	50%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Feeds Roof Top A C Units								
Natural Gas	50%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Feeds Roof Top A C Units								
Air Conditioning								
Energy Source								
Electricity	50%			2051	* *	1		
Natural Gas	50%			2056	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Package Units 40 Tons Each Provides Heating And Cooling Through The Entire Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$176,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Building								
Explanation : Duct Provides Heating And Cooling								
Terminal Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : V A V With Auxilary Heating Coil								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,000	
Exhaust Fans								
Roof	100%			2036	* *	2	$3,300	
Plumbing								

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

DEPARTMENT OF EDUCATION - 040
ELIZABETH A. CONNELLY CAMPUS -SI
Asset # : 14448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater								
Gas Fired	100%			2026	$25,300	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$6,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 4th Floor								
Explanation : 2 Hydraulic Type								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$54,800	
Sprinkler								
Generic	100%			2056	* *	1-2	$30,500	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **ELMHURST EDUCATIONAL CAMPUS**		
Address	: **45-10 94TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q744**
Program / Asset #	: **BOE1083.000 / 14429**	**Yr Built/Renovated**	:
Area Sq Ft	: **194,025**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-May-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1600** **Lot** : **61**	**BIN**	: **4437166**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,000	$659,400
Interior Architecture	$130,700	$263,600
Electrical		$178,000
Mechanical		$93,200
Total	**$227,700**	**$1,194,200**
Importance Code A	$97,000	$659,400
Importance Code B	$130,700	$465,400
Importance Code C		$69,400
Total	**$227,700**	**$1,194,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$78,900		
Electrical	$18,800	$15,700	$15,700	$26,500
Mechanical	$54,300	$35,900	$69,100	$30,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$81,000**	**$138,300**	**$92,700**	**$65,000**
Importance Code A	$9,600	$9,600	$9,600	$9,600
Importance Code B	$71,400	$102,500	$83,100	$55,400
Importance Code C		$26,300		
Total	**$81,000**	**$138,300**	**$92,700**	**$65,000**

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

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	97%			LIFE	* *	5	$414,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,300	
Windows								
Aluminum	100%			2047	* *	5	$75,700	
Parapets								
Metal Panel	10%			2051	* *	5	$3,600	
Metal Rail	90%			2042	* *	5-10	$150,700	
Roof								
IRMA/Protected Membrane	100%			2033	* *	10	$115,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$63,500	
Ceramic Tile	10%			2038	* *	5	$29,000	
Sheet Vinyl/Rubber	5%			2033	* *	5	$21,800	
Vinyl Tile	75%			2033	* *	3	$81,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2038	* *	5	$52,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Gypsum Board	55%			LIFE	* *	5	$69,400	
Mosaic Tile	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%			2042	* *	5	$261,400	
Exposed Concrete	5%			LIFE	* *	5	$2,300	
Gypsum Board	5%			LIFE	* *	5	$18,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 4000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$800	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$400	
Molded Case Bkrs	90%			2047	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2051	* *	1		

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

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$59,700	
Generators								
Diesel	100%			2038	* *	1	$75,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Enclosure								
Explanation : 300 Kw / 375 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$7,200	
Fuel Storage								
Main Tank	100%			2060	* *	5	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	* *	10	$160,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	* *	10	$17,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Hallways								
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$5,700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$21,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								

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

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	50%			2033	* *	1	$48,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 9 Roof Top Package Units								
Hot Water Boiler	50%			2038	* *	1	$48,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 5 Boilers Piped In Series								
Distribution								
Hot Wtr Piping/Pump	20%			2047	* *	4	$1,900	
No Component	80%							
Terminal Devices								
Fan Coil Unit/Heat	20%			2033	* *	1	$12,500	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2030	* *	1	$45,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Outside Enclosure								
Explanation : Multiple Chillers Piped In Series / R - 407 C								
Ext Pkg Unit - Heating/Cooling	50%			2033	* *	2	$5,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 9 Package Units Using Refrigerant R-407c								
Distribution								
Chilled Wtr Pipe/Pump	50%			2051	* *	4	$4,800	
No Component	50%							

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

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

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cool/Heat	50%			2033	* *	1	$31,300	
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%			2033	* *	2	$67,600	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$108,200	
Exhaust Fans								
Roof	100%			2033	* *	2	$5,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$45,100	2	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Indirect Fired Units With 500 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Duplex Units								
Backflow Preventer								
Generic	100%			2033	* *	1	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Fire And Domestic								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B - 4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$54,300	
Fire Pump								
Generic	100%	Now	$7,200	2034	* *	1	$32,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Water Meter Rm								

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

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

DEPARTMENT OF EDUCATION - 040
ELMHURST EDUCATIONAL CAMPUS
Asset # : 14429

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

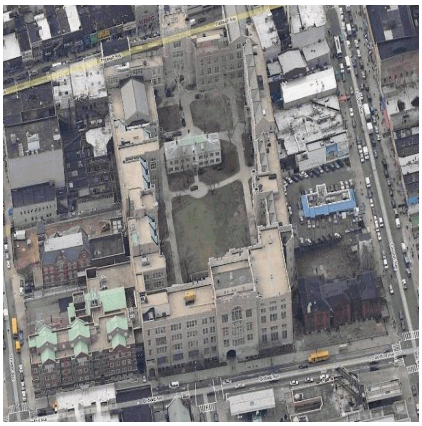
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **ERASMUS HALL EDUCATIONAL CAMPUS - BK**		
Address	: **911 FLATBUSH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K465**
Program / Asset #	: **BOE0634.000 / 141**	**Yr Built/Renovated**	: **1905 / 1999**
Area Sq Ft	: **384,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Aug-2011**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5103** **Lot** : **10**	**BIN**	: **3336215**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$854,700	$1,083,800
Interior Architecture	$85,600	$858,100
Electrical	$356,500	$3,790,500
Mechanical	$1,175,100	$1,165,900
Total	**$2,471,800**	**$6,898,300**
Importance Code A	$946,500	$1,083,800
Importance Code B	$1,525,300	$5,559,500
Importance Code C		$255,100
Total	**$2,471,800**	**$6,898,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,300		
Interior Architecture	$63,800		$42,000	
Electrical	$39,600	$56,500	$42,400	$39,600
Mechanical	$68,400	$77,800	$105,200	$71,300
Elevators/Escalators	$34,500	$34,500	$34,500	$34,500
Total	**$206,400**	**$171,100**	**$224,200**	**$145,500**
Importance Code A		$37,400	$34,200	$34,200
Importance Code B	$155,500	$133,800	$190,000	$111,300
Importance Code C	$50,900			
Total	**$206,400**	**$171,100**	**$224,200**	**$145,500**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$199,500	
Masonry: Brick	70%	Now	$589,200	LIFE	* *	5	$357,500	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Masonry: Granite	5%			LIFE	* *	5	$19,200	
Masonry: Limestone	10%			LIFE	* *	5	$38,300	
Metal Panel	5%			2043	* *	5-10	$175,600	
Stucco Cement	5%			2036	* *	5	$63,800	
Windows								
Aluminum	85%			2039	* *	5	$111,200	
Glass Block	5%			LIFE	* *	5	$4,100	
Steel	10%			2031	* *	5	$163,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$18,700	
Masonry: Brick	80%			LIFE	* *	5	$19,300	
Metal Panel	5%			2043	* *	5	$4,700	
Stucco Cement	5%			2036	* *	5	$3,100	
Roof								
Asphalt Shingle	3%			2032	* *	10	$1,100	
Built-Up (BUR)	37%	Now	$80,500	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Over Room 3w15								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 3w15, 4e1 And 4e4								
Copper/Terne	15%			2038	* *	10	$81,500	
Modified Bitumen	5%			2023	$69,100	10	$10,900	
Skylight, Metal/Glass	10%			2043	* *	10	$72,400	
Slate	30%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$79,200	
Ceramic Tile	5%			2032	* *	5	$25,900	
Marble Panels	3%			LIFE	* *	5	$11,600	
Quarry Tile	5%			2036	* *	5	$38,800	
Terrazzo	5%			LIFE	* *	5	$20,200	
Vinyl Tile	65%			2028	* *	3	$126,100	
Wood	10%			2038	* *	5	$97,000	

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

DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%			2032	* *	5	$45,200	
Masonry: Brick	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$110,400	
Plaster	3%			LIFE	* *	5	$5,800	
Plaster	5%	Now	$28,300	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 3w15								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 3w15								
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$129,200	
Ceilings								
AcousTileSusp.Lay-In	25%			2036	* *	5	$129,300	
Exposed Concrete	5%			LIFE	* *	5	$4,000	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%			2023	$184,500			
Gypsum Board	5%			LIFE	* *	5	$32,300	
Plaster	5%	Now	$37,100	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 3w15								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : room 3w15								
Plaster	45%			LIFE	* *	5	$145,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 2500 And 1200 Amps								
Fused Disc Sw	50%			2043	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Disconnect Switches Rated At 2500, 2000 And 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	75%			2043	* *	5	$1,200	
Fused Disc Sw	25%			2033	* *	5	$400	
Raceway								
Conduit	60%			2043	* *	1		
Conduit	10%			2023	$63,100	1		
Conduit	30%			2033	* *	1		

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

DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2039	* *	5	$1,300	
Molded Case Bkrs	85%			2039	* *	5	$8,600	
Wiring								
Thermoplastic	30%			2043	* *	1		
Thermoplastic	30%			2033	* *	1		
Thermoplastic	40%			2023	$340,700	1		
Motor Controllers								
Locally Mounted	30%			2021	$75,400	5	$800	
Locally Mounted	70%			2036	* *	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$118,100	
Generators								
Diesel	100%			2032	* *	1	$148,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - On The Roof								
Explanation : 300 Kva								
Batteries								
Nickel Cadmium	100%			2018	$1,600	5	$85,600	
Fuel Storage								
Day Tank	20%			2031	* *	5	$12,800	
Main Tank	80%			2038	* *	5	$8,100	
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$313,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps And Some Compact Fluorescent								
Incandescent	1%			2028	* *	2	$100	
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$11,700	
Exterior Lighting								
HID	100%			2023	$1,584,300	10	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$380,700	1	$43,000	

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

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$1,303,400	1-3	$73,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$91,900	2028	* *	1	$308,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leak At Boiler Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$527,100	2033	* *	4	$17,000	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement Water Heater Area								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2023	$610,600	1	$64,100	
Convector/Radiator	70%			2028	* *	1	$78,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2028	* *	2	$2,100	
Window/Wall Unit	40%			2018	$310,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$192,700	
Exhaust Fans								
Interior	75%			2023	$312,900	2	$7,900	
Roof	25%			2023	$75,000	2	$2,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$112,700	2028	* *	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 2%								
Location : Booster Pump								

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DEPARTMENT OF EDUCATION - 040
ERASMUS HALL EDUCATIONAL CAMPUS - BK
Asset # : 141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2018	$87,800	2	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$12,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Pool Filter/Treatment								
Sand	100%			2036	* *	4		
Sewage Ejector(s)								
Electric	100%	0-2	$12,100	2033	* *	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement Sewage Ejector Room								
Explanation : The Tank Is Corroded, The Float Control Is Malfunctioning								
Backflow Preventer								
Generic	100%			2023	$36,600	1	$21,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	40%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : B-5								
Explanation : 2 Units								
Hydraulic	60%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 60%								
Location : (1) B-4, (4) B-1								
Explanation : 5 Units								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$174,200	
Sprinkler								
Generic	100%			2033	* *	1-2	$96,800	
Fire Pump								
Generic	100%			2032	* *	1	$64,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK**
Address : **911 FLATBUSH AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **BOE0634.010 / 14343**
Area Sq Ft : **8,000**
Date of Survey : **22-Aug-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,atc**
Block : **5103** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1786 /**
Project Type : **EDUCATION**
Landmark Status : **EXTERIOR LANDMARK**
BIN : **3336215**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$620,700	$40,100
Interior Architecture	$60,200	
Electrical	$38,800	
Mechanical	$61,000	$102,000
Total	**$780,700**	**$142,100**
Importance Code A	$620,700	$40,100
Importance Code B	$160,000	$102,000
Total	**$780,700**	**$142,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$59,600			
Interior Architecture	$20,200	$13,100		
Electrical	$25,600	$5,300		
Mechanical	$29,800	$400	$600	$400
Total	**$135,200**	**$18,800**	**$600**	**$400**
Importance Code A	$59,600			
Importance Code B	$66,000	$18,800	$600	$400
Importance Code C	$9,500			
Total	**$135,200**	**$18,800**	**$600**	**$400**

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

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Iron	5%	Now	$27,300	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Fire Escape								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Fire Escape								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : The Building Is Presently Vacant.								
Masonry: Brick	3%			LIFE	* *	5	$600	
Masonry: Granite	7%			LIFE	* *	5	$1,000	
Wood	85%	Now	$551,800	2040	* *	5	$40,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Windows								
Wood	100%	Now	$68,800	2048	* *	5	$11,200	
Air Infiltration, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$32,300	2028	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$3,400	
Wood	90%			2038	* *	5	$26,200	

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

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$300	
Concrete Masonry Unit	5%			LIFE	* *	5	$100	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$9,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Struc: Wood	10%	Now	$10,700	LIFE	* *			
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Attic								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Attic								
Plaster	90%	Now	$60,200	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2023	$15,200	1		
Panelboards								
Molded Case Bkrs	80%			2022	$19,600	5	$200	
Molded Case Bkrs	20%			2031	* *	5		
Wiring								
Braided Cloth	30%	0-2	$6,100	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2023	$14,200	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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

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

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	40%			2018	$38,800	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 And Compact Fluorescent Lamps								
Fluorescent	40%			2033	* *	10	$2,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Incandescent	20%	2-4	$19,400	2033	* *	2		
Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Exit, Service	100%			2018	$2,400	1		
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Campus Steam	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Adjacent School Building								
Distribution								
Steam Piping/Pump	100%	Now	$61,000	2053	* *	4	$400	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2028	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$1,800	2023	$1,800	1		
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : 1st And 2nd Floors								
No Component	90%							
Plumbing								

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

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

DEPARTMENT OF EDUCATION - 040

ERASMUS HALL EDUCATIONAL CAMPUS ERASMUS HALL ACADEMY - BK

Asset # : 14343

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$26,100	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Heater								
Electric	100%	Now	$1,400	2023	$1,400	4		
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2023	$102,000	1-2	$2,200	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **EVANDER CHILDS HIGH SCHOOL - BX**
Address : **800 E. GUN HILL RD. BTWN: BARNES AVE - BRONXWOOD AVE**
Borough : **BRONX** | **Agency's Number** : **X425**
Program / Asset # : **BOE0324.000 / 354** | **Yr Built/Renovated** : **1930 / 2011**
Area Sq Ft : **325,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Sep-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,3,5,p**
Block : **4633** **Lot** : **40** **BIN** : **2057045**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$873,400	$515,200
Interior Architecture	$5,052,300	$1,754,000
Electrical	$1,051,700	$1,717,300
Mechanical	$1,330,100	$7,263,200
Total	**$8,307,500**	**$11,249,600**
Importance Code A	$873,400	$2,073,700
Importance Code B	$6,673,100	$8,418,800
Importance Code C	$761,000	$757,200
Total	**$8,307,500**	**$11,249,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,400		
Interior Architecture				$15,000
Electrical	$4,000	$700	$200	
Mechanical	$76,400	$46,600	$74,900	$46,600
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$90,200**	**$60,600**	**$84,900**	**$71,500**
Importance Code A	$31,700	$35,100	$31,700	$31,700
Importance Code B	$58,500	$25,500	$53,200	$39,800
Importance Code C				
Total	**$90,200**	**$60,600**	**$84,900**	**$71,500**

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

DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$75,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$173,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	90%	Now	$604,200	2039	* *	5	$36,000	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Glass Block	5%	Now	$59,900	LIFE	* *	5	$2,500	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%								
Location : Pool								
Steel	5%	0-2	$209,200	2048	* *	5	$25,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Solarium Areas								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Solarium Areas								
Parapets								
Copper/Terne	10%			2073	* *	5	$6,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$12,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	65%			2033	* *	10	$107,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	30%			2063	* *	10	$123,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%			2053	* *	10	$16,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	2%			2033	* *	10	$11,000	
Interior								

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

DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$149,500	LIFE	* *	5	$157,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$139,300	2019	$464,300	5	$12,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%			2031	* *	5	$53,900	
Terrazzo	10%	Now	$445,500	LIFE	* *	5	$37,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	10%	Now	$81,500	2023	$407,400	3	$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%	Now	$122,200	2018	$611,100	3	$27,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout 9x9 Tiles								
Wood	40%	4+	$1,896,400	2038	* *	5	$179,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *			
Ceramic Tile	5%	Now	$67,000	2026	$669,800	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Columns In Boys Pool								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Columns In Boys Pool								
Glass: Single Pane	5%	Now	$218,800	LIFE	* *	5	$18,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%	Now	$378,500	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	Now	$96,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$87,400	
SGFT/Glazed Masonry	10%			LIFE	* *			
Not Accessible	2%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$37,600	2028	* *	5	$20,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Exposed Concrete	3%	Now	$78,100	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Boys Pool								
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Boys Pool								
Plaster	5%	Now	$265,600	LIFE	* *	5	$12,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairs, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs, Throughout								
Plaster	80%			LIFE	* *	5	$202,400	
Not Accessible	2%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$391,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 4000 Amps								
Fused Disc Sw	20%			2043	* *	5	$300	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$95,700	5	$1,500	
Fused Disc Sw	5%			2039	* *	5	$400	
Molded Case Bkrs	75%			2022	$358,800	5	$6,400	
Wiring								
Braided Cloth	80%	2-4	$623,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		

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

DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2021	$161,200	5	$1,500	
Locally Mounted	30%	2-4	$69,100	2043	* *	5	$300	
On Extended Life, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$287,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2018	$71,100	2	$100	
Egress Lighting								
Exit, Service	50%			2023	$43,200	1		
Exit, Battery	50%			2023	$147,300	10	$10,800	
Exterior Lighting								
HID	100%			2031	* *	10	$1,000	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$788,500	5	$99,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 20,000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2021	$1,558,400	1	$317,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$223,500	2023	$2,235,200	4	$15,800	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Return Lines								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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

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

DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2018	$345,200	1	$39,600	
Convector/Radiator	70%			2021	$2,116,700	1	$72,400	
Fan Coil Unit/Heat	10%			2018	$479,300	1	$10,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2028	* *	2	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	20%			2018	$131,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$178,500	
Exhaust Fans								
Interior	95%	Now	$100,900	2023	$336,200	2	$7,400	
Broken, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Roof	5%			2023	$12,700	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2053	* *	1		
Galv Iron/Steel	98%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$29,800	2023	$99,300	4	$31,700	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Two Units Leaking, One Out Of Service								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room In Sub Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Multiple Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2028	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Room								
Explanation : Two Pools, Both Are Now Sand Filtered								

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

DEPARTMENT OF EDUCATION - 040
EVANDER CHILDS HIGH SCHOOL - BX
Asset # : 354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2033	* *	1	$19,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Passenger Elevators, 1 Sidewalk Freight Lift								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$4,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FAR ROCKAWAY HIGH SCHOOL - Q**		
Address	: **821 BAY 25TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q465**
Program / Asset #	: **BOE0882.000 / 1474**	**Yr Built/Renovated**	: **1929 / 1997**
Area Sq Ft	: **227,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3**		
Block	: **15736** **Lot** : **1**	**BIN**	: **4300730**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$739,800	$134,800
Interior Architecture	$658,800	$1,007,100
Electrical	$701,700	$2,849,600
Mechanical	$55,400	$2,361,000
Total	**$2,155,700**	**$6,352,400**
Importance Code A	$739,800	$193,600
Importance Code B	$1,259,000	$6,097,800
Importance Code C	$156,900	$61,000
Total	**$2,155,700**	**$6,352,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,800		$22,100	
Interior Architecture	$88,700		$16,700	$6,300
Electrical	$40,000	$3,400	$3,300	$4,500
Mechanical	$96,200	$38,000	$53,600	$40,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$274,800**	**$45,400**	**$99,700**	**$55,500**
Importance Code A	$68,000	$22,100	$44,300	$22,100
Importance Code B	$168,200	$23,300	$55,500	$33,400
Importance Code C	$38,700			
Total	**$274,800**	**$45,400**	**$99,700**	**$55,500**

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

DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$93,700	LIFE	* *	5	$45,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	Now	$86,800	LIFE	* *	5	$28,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	53%			LIFE	* *	5	$122,000	
Masonry: Limestone	10%	Now	$69,800	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Around Main Entrance								
Metal Panel	5%	Now	$2,100	2046	* *	5	$10,800	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Coiling Doors	2%	Now	$6,500	2039	* *	5	$3,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	5%	Now	$105,500	2051	* *	5	$1,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Aluminum	87%			2042	* *	5	$43,800	
Glass Block	5%			LIFE	* *	5	$3,100	
Metal Louvers	3%			2035	* *	10	$9,400	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$5,700	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along Cornice								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Along Cornice								
Masonry: Brick	20%	Now	$50,800	LIFE	* *	5	$2,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : 1956 Wing								
Masonry: Brick	70%			LIFE	* *	5-10	$70,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,900	

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

DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	75%	Now	$59,200	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	2%			2041	* *	10	$8,600	
Metal Panel	7%			2039	* *	10	$22,100	
Modified Bitumen	13%			2031	* *	10	$22,400	
Skylight, Metal/Glass	3%	Now	$152,900	2046	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Interior								
Floors								
Cast in Place Concrete	25%	Now	$43,500	LIFE	* *	5	$183,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$32,400	2035	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$25,100	
Terrazzo	5%	0-2	$38,900	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	Now	$128,100	2021	$426,800	3	$18,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	10%			2034	* *	3	$12,500	
Wood	35%			2041	* *	5	$219,600	
Interior Walls								
Ceramic Tile	5%	Now	$23,400	2035	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	20%	2-4	$75,300	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	10	$15,300	
Plaster	60%	Now	$81,600	LIFE	* *	5	$61,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	45%	0-2	$118,300	2031	* *	5	$63,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	20%			LIFE	* *	5-10	$70,700	
Metal Panel	5%			LIFE	* *	5	$35,300	
Plaster	30%	Now	$111,300	LIFE	* *	5	$53,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$58,800	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$488,700	5	$6,000	
Raceway								
Conduit	10%			2046	* *	1		
Conduit	90%			2026	$520,200	1		
Panelboards								
Fused Disc Sw	5%			2025	$23,900	5	$300	
Fused Disc Sw	5%			2042	* *	5	$300	
Molded Case Bkrs	30%			2048	* *	5	$1,800	
Molded Case Bkrs	60%			2025	$287,000	5	$3,600	
Wiring								
Braided Cloth	90%	2-4	$701,700	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$230,200	5	$1,500	
Ground								

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$196,900	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2021	$35,700	10	$100	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$150,800	10	$27,000	
Exit, Service	50%			2021	$30,200	1		
Exterior Lighting								
HID	100%			2021	$857,300	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$25,400	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$221,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$31,200	2036	* *	4	$11,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	30%			2021	$361,700	1	$41,500	
Convector/Radiator	20%			2039	* *	1	$14,400	
Convector/Radiator	50%			2024	$1,056,000	1	$36,100	

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2026	$51,600	2	$700	
Window/Wall Unit	10%			2021	$46,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$197,400	
Exhaust Fans								
Interior	30%			2034	* *	2	$2,100	
Interior	50%			2021	$123,600	2	$3,400	
Roof	20%			2021	$35,600	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2026	$500,800	1		
Galv Iron/Steel	25%	2-4	$3,300	2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2024	$52,000	2	$3,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2031	* *	4		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%	0-2	$3,900	2026	$78,300	1-2	$1,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Main Valve								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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DEPARTMENT OF EDUCATION - 040
FAR ROCKAWAY HIGH SCHOOL - Q
Asset # : 1474

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FLUSHING HIGH SCHOOL - Q**				
Address	: **35-01 UNION STREET @NORTHERN BLVD.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q460**	
Program / Asset #	: **BOE0881.000 / 2758**		**Yr Built/Renovated**	: **1915 / 2008**	
Area Sq Ft	: **230,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **29-Aug-2012**		**Landmark Status**	: **EXTERIOR LANDMARK**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **5002**	**Lot** : **1**	**BIN**	: **4113172**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$1,204,300
Interior Architecture	$143,900	$300,100
Electrical	$1,772,500	$3,242,200
Mechanical	$885,900	$5,184,100
Total	**$2,802,300**	**$9,930,700**
Importance Code A	$146,800	$2,304,900
Importance Code B	$2,655,500	$7,484,600
Importance Code C		$141,200
Total	**$2,802,300**	**$9,930,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,800		$34,400	
Interior Architecture	$79,400		$16,500	$40,600
Electrical	$17,600	$8,900	$31,600	$6,400
Mechanical	$9,400	$29,300	$78,000	$40,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$114,200**	**$42,200**	**$164,400**	**$91,400**
Importance Code A	$3,800	$20,500	$54,900	$20,500
Importance Code B	$100,700	$21,700	$109,500	$61,200
Importance Code C	$9,700			$9,700
Total	**$114,200**	**$42,200**	**$164,400**	**$91,400**

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$226,600	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : Throughout*								
Masonry: Brick	40%			LIFE	* *	5	$116,000	
Masonry: Brick	36%			LIFE	* *	5	$104,400	
Masonry: Fieldstone	3%			LIFE	* *	5	$6,500	
Metal Panel	5%			2044	* *	5-10	$99,700	
Granite Panels	2%			LIFE	* *	5	$4,400	
Pre-Cast Concrete	2%			LIFE	* *	5	$18,900	
Stucco Cement	2%			2029	* *	5	$14,500	
Windows								
Aluminum	90%			2046	* *	5	$67,700	
Aluminum	10%			2046	* *	5	$7,500	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$20,200	
Masonry: Brick	68%			LIFE	* *	5	$11,800	
Masonry: Limestone	15%			LIFE	* *	5	$3,300	
Metal Rail	2%			2037	* *	5-10	$6,300	
Roof								
Built-Up (BUR)	65%			2024	$508,000	10	$101,500	
Copper/Terne	5%			2052	* *	10	$19,500	
Slate	30%			LIFE	* *			
Interior								
Floors								
Ceramic Tile	5%			2027	* *	5	$15,500	
Terrazzo	5%			LIFE	* *	5	$12,100	
Vinyl Tile	80%			2029	* *	3	$123,900	
Vinyl Tile	5%			2019	$143,900	3	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : 1954 Wing* *Explanation : 9x9 Tiles*								
Wood	5%			2039	* *	5	$29,000	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$19,300	
Folding Partition	2%			2040	* *	5	$19,300	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$63,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$77,400	

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	$62,000	
Exposed Concrete	40%			LIFE	* *	5	$19,400	
Exposed Struc: Steel	5%			LIFE	* *			
Exposed Struc: Wood	5%			LIFE	* *			
Fiber Board	5%			2024	$110,500			
Plaster	25%			LIFE	* *	5	$48,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	$91,800	2054	* *	5	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment And No Nameplate Ratings								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$533,900	2054	* *	5	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	100%			2024	$631,400	1		
Panelboards								
Fused Disc Sw	5%			2023	$26,100	5	$300	
Fused Knife Sw	25%	2-4	$130,600	2049	* *	5	$700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment								
Fused Toggle Switch	30%	4+	$156,800	2049	* *	5	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	35%			2023	$182,900	5	$2,100	
Molded Case Bkrs	5%			2032	* *	5	$300	
Wiring								
Braided Cloth	95%	2-4	$809,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2022	$201,200	5	$1,200	
Locally Mounted	20%	2-4	$50,300	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	* *	10	$180,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	* *	10	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	2%			2024	$36,100	10	$100	
Incandescent	1%			2019	$25,100	2		
Egress Lighting								
Emergency, Service	20%			2024	$22,200	1		
Exit, Service	80%			2024	$48,800	1		
Exterior Lighting								
HID	100%			2024	$948,900	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$228,000	1	$25,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surviellance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$780,700	1-3	$42,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Stair Cases								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

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

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$64,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : In Vault								
Explanation : (2) 18,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$55,000	2022	$1,100,600	1	$184,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (3) #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$315,700	2024	$1,578,500	4	$10,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps And Condensate Lines								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Defective Steam Traps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$243,800	1	$25,600	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Fan Rooms								
Convector/Radiator	80%			2022	$1,708,400	1	$53,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$46,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$115,400	
Exhaust Fans								
Interior	90%			2019	$224,900	2	$5,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
Roof	10%			2024	$18,000	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2024	$675,200	1		

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DEPARTMENT OF EDUCATION - 040
FLUSHING HIGH SCHOOL - Q
Asset # : 2758

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2024	$70,100	4	$20,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2024	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : B-3								
Explanation : One Passenger Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-1								
Explanation : One Sidewalk Hoist								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2034	* *	1-2	$5,800	
Chemical System								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FOREST HILLS HIGH SCHOOL - Q**		
Address	: **67-01 110 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q440**
Program / Asset #	: **BOE0876.000 / 1469**	**Yr Built/Renovated**	: **1941 / 2002**
Area Sq Ft	: **281,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2189** **Lot** : **2**	**BIN**	: **4052143**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,529,800	$267,900
Interior Architecture	$1,907,000	$815,400
Electrical	$623,800	$935,500
Mechanical	$335,000	$6,138,100
Total	**$5,395,500**	**$8,157,000**
Importance Code A	$2,598,300	$1,638,800
Importance Code B	$2,594,200	$6,461,400
Importance Code C	$202,900	$56,800
Total	**$5,395,500**	**$8,157,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,100			
Interior Architecture	$55,300		$33,300	$18,500
Electrical	$11,000	$3,200	$4,100	$3,200
Mechanical	$58,500	$66,500	$93,500	$56,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$159,800**	**$73,600**	**$134,800**	**$82,500**
Importance Code A	$31,100	$27,900	$27,900	$27,900
Importance Code B	$110,600	$45,700	$96,400	$54,600
Importance Code C	$18,100		$10,500	
Total	**$159,800**	**$73,600**	**$134,800**	**$82,500**

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

DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	$1,339,900	LIFE	* *	5	$222,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 5%								
Location : Lintels In Courtyard								
Masonry: Granite	5%			LIFE	* *	5	$20,100	
Masonry: Limestone	10%	Now	$292,300	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entrance								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2046	* *	5-10	$36,800	
Windows								
Aluminum	97%			2042	* *	5	$91,800	
Metal Louvers	3%			2035	* *	10	$17,700	
Parapets								
Masonry: Brick	15%			LIFE	* *	5-10	$24,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$14,700	
Masonry: Limestone	78%			LIFE	* *	5-10	$228,900	
Metal Rail	2%			2031	* *	5-10	$8,700	
Roof								
Built-Up (BUR)	8%			2031	* *	10	$18,000	
Metal Panel	15%			2039	* *	10	$61,900	
Modified Bitumen	2%			2026	$26,200	10	$4,500	
Slate	75%	Now	$571,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Interior								

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

DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	9%			LIFE	* *	5	$166,800	
Ceramic Tile	5%			2029	* *	5	$21,200	
Marble Panels	2%			LIFE	* *	5	$12,700	
Slate	2%			LIFE	* *	5	$18,000	
Terrazzo	5%			LIFE	* *	5	$33,100	
Vinyl Tile	10%			2026	$360,200	3	$21,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Classrooms								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2031	* *	3	$23,800	
Vinyl Tile 9" X 9"	25%	Now	$1,166,600	2036	* *	3	$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	27%			2041	* *	5	$214,500	
Split/Cracked, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$21,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$16,800	
Glass: Special Gauge	3%			LIFE	* *	1		
Gypsum Board	10%			LIFE	* *	5-10	$71,500	
Masonry: Brick	5%			LIFE	* *	10	$6,300	
Marble Panels	2%			LIFE	* *	10	$3,400	
Plaster	45%			LIFE	* *	5-10	$160,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$52,600	
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$21,200	
AcousTileSusp.Lay-In	2%			2039	* *	5	$8,500	
Exposed Concrete	50%			LIFE	* *	5-10	$264,800	
Gypsum Board	5%			LIFE	* *	5-10	$72,800	
Plaster	35%			LIFE	* *	5-10	$254,800	
Plaster	3%			LIFE	* *	5-10	$21,800	

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

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

DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$1,200	
Raceway								
Conduit	80%			2026	$462,400	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$600	
Molded Case Bkrs	90%			2042	* *	5	$6,700	
Wiring								
Braided Cloth	80%	2-4	$623,800	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$46,000	5	$400	
Locally Mounted	80%			2039	* *	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,300	
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$250,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2031	* *	10	$100	
Incandescent	2%			2026	$62,600	2	$100	
Egress Lighting								
Emergency, Battery	30%			2026	$113,900	10	$20,400	
Exit, Service	70%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$31,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : CCTV Surveillance Camera System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$693,600	5	$87,200	
Conversion Equipment								
Steam Boiler	100%	Now	$68,500	2024	$1,370,900	1	$251,000	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : #2 & 3 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$196,600	2026	$1,966,200	4	$13,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Areas								
Terminal Devices								
Air Handler	25%	Now	$19,000	2026	$379,600	1	$39,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Leaking Steam Coils In Fan Room								
Convector/Radiator	65%			2031	* *	1	$59,100	
Fan Coil Unit/Heat	10%			2026	$421,700	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2026	$95,600	1	$13,100	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	20%			2021	$115,800	1		
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2036	* *	4	$1,400	
No Component	90%							

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

DEPARTMENT OF EDUCATION - 040
FOREST HILLS HIGH SCHOOL - Q
Asset # : 1469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cool/Heat	10%			2026	$159,900	1	$9,100	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2026	$50,500	2	$19,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$248,600	
Exhaust Fans								
Interior	100%			2026	$311,300	2	$8,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$87,400	4	$41,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2026	$328,800	1-2	$7,900	
Chemical System								
Generic	100%			2019	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **FORT HAMILTON HIGH SCHOOL - BK**
Address : **8301 SHORE RD @ 83RD ST.**
Borough : **BROOKLYN**
Agency's Number : **K490**
Program / Asset # : **BOE0639.000 / 1231**
Yr Built/Renovated : **1941 / 2012**
Area Sq Ft : **250,000**
Project Type : **EDUCATION**
Date of Survey : **27-Sep-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **6013** **Lot** : **1**
BIN : **3152318**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$201,300	$111,700
Interior Architecture	$239,900	$1,248,600
Electrical	$388,400	$3,123,400
Mechanical	$183,800	$2,740,900
Total	**$1,013,400**	**$7,224,600**
Importance Code A	$201,300	$111,700
Importance Code B	$812,100	$7,045,700
Importance Code C		$67,200
Total	**$1,013,400**	**$7,224,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,100		$800	$29,600
Interior Architecture	$28,300	$13,800	$13,800	$11,500
Electrical	$29,800	$22,000	$22,600	$20,900
Mechanical	$32,000	$19,900	$30,900	$31,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$102,200**	**$63,700**	**$76,000**	**$101,200**
Importance Code A	$4,100		$1,300	$29,600
Importance Code B	$88,700	$63,700	$74,800	$71,600
Importance Code C	$9,300			
Total	**$102,200**	**$63,700**	**$76,000**	**$101,200**

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

DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$14,000	
Masonry: Brick	5%			LIFE	* *	5	$7,000	
Masonry: Brick	75%			LIFE	* *	5	$104,800	
Masonry: Granite	2%			LIFE	* *	5	$2,100	
Masonry: Limestone	15%			LIFE	* *	5	$15,700	
Slate Panels	1%			LIFE	* *	5	$1,000	
Windows								
Aluminum	100%			2040	* *	5	$59,200	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : Recent Sash Only Replacement								
Parapets								
Masonry: Brick	5%	0-2	$700	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$11,000	
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	5%	0-2	$3,400	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			2044	* *	5	$1,500	
Roof								
Built-Up (BUR)	45%			2029	* *	10	$68,400	
Copper/Terne	25%			2039	* *	10	$95,000	
IRMA/Protected Membrane	25%			2029	* *	10	$38,000	
Skylight, Metal/Glass	5%			2044	* *	10	$25,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$40,300	
Ceramic Tile	5%			2027	* *	5	$18,400	
Quarry Tile	5%			2044	* *	5	$27,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	25%	0-2	$78,300	2029	* *	3	$34,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2024	$940,200	3	$41,500	
Wood	30%			2039	* *	5	$207,300	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$18,700	
Fiberglass Panel	8%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$67,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

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

DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$57,900	2029	* *	5	$31,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	5%			2037	* *	5	$19,500	
Exposed Concrete	15%			LIFE	* *	5	$7,300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$19,500	
Plaster	50%			LIFE	* *	5	$97,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$1,100	
Raceway								
Conduit	100%			2024	$578,000	1		
Panelboards								
Fused Disc Sw	40%			2023	$191,300	5	$2,300	
Molded Case Bkrs	60%			2032	* *	5	$4,000	
Wiring								
Thermoplastic	100%			2024	$779,700	1		
Motor Controllers								
Locally Mounted	100%			2022	$230,200	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$76,900	
Generators								
Natural Gas	100%			2027	* *	1	$96,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 170 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$9,300	

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

DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$225,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2024	$60,600	1		
Exit, Service	50%			2024	$33,200	1		
Exterior Lighting								
HID	100%			2024	$944,200	10	$800	
Alarm								
Security System								
No Component	85%							
Generic	15%			2024	$113,500	1	$14,000	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$388,400	1-3	$23,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Replacement Of 4 Units Is In Progress								
Distribution								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Heating System								
Terminal Devices								
Air Handler	15%			2024	$199,200	1	$22,800	
Convector/Radiator	85%			2022	$1,977,100	1	$67,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%	Now	$2,500	2024	$125,400	1	$15,400	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	25%			2019	$126,600	1		
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2024	$62,800	1	$22,800	
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2024	$88,300	2	$25,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$34,300	
No Component	75%							
Exhaust Fans								
Interior	25%			2024	$68,100	2	$1,900	
Roof	15%	Now	$1,500	2024	$29,400	2	$900	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%	0-2	$4,400	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Coach Room, Basement								
Water Heater								
Gas Fired	100%			2017	$57,300	2	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
HW Heat Exchanger								
Low Temp	100%			2024	$76,400	4	$24,400	
Sanitary Piping								
Cast Iron	100%	Now	$10,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up In Cafeteria When It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040
FORT HAMILTON HIGH SCHOOL - BK
Asset # : 1231

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Pool Filter/Treatment								
Sand	100%			2029	* *	4		
Sewage Ejector(s)								
Electric	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : B-3								
Explanation : 1 Unit								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$143,800	1-2	$3,500	
Chemical System								
Dry	2%			2017	$500	1-3	$1,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Explanation : For Kitchen Range Only								
No Component	98%							

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

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FRANCIS LEWIS HIGH SCHOOL - Q**		
Address	: **58-20 UTOPIA PKWY.-FLUSHING**		
Borough	: **QUEENS**	**Agency's Number**	: **Q430**
Program / Asset #	: **BOE0874.000 / 2628**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **299,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Sep-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6882** **Lot** : **1**	**BIN**	: **4148763**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$327,900	$536,800
Interior Architecture	$1,652,100	$2,497,000
Electrical	$668,800	$8,433,700
Mechanical	$227,600	$2,626,600
Total	**$2,876,400**	**$14,094,100**
Importance Code A	$411,900	$2,107,500
Importance Code B	$2,107,700	$11,770,200
Importance Code C	$356,800	$216,400
Total	**$2,876,400**	**$14,094,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,400			
Interior Architecture	$35,200		$53,700	$36,000
Electrical	$8,700	$3,400	$4,400	$7,200
Mechanical	$87,200	$67,100	$91,500	$81,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$173,500**	**$74,500**	**$153,600**	**$128,700**
Importance Code A	$69,800	$32,000	$32,000	$32,000
Importance Code B	$91,100	$42,500	$101,100	$83,100
Importance Code C	$12,600		$20,500	$13,700
Total	**$173,500**	**$74,500**	**$153,600**	**$128,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$384,300	
Masonry: Brick Cavity	5%	Now	$42,400	LIFE	* *	5	$11,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade Near Loading Dock								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$42,400	
Metal Panel	3%			2046	* *	5-10	$46,600	
Granite Panels	2%			LIFE	* *	5	$6,800	
Windows								
Aluminum	97%			2042	* *	5	$27,700	
Metal Louvers	3%			2035	* *	10	$5,300	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$109,300	
Metal Panel	5%			2046	* *	5	$3,300	
Roof								
Built-Up (BUR)	85%			2031	* *	10	$290,600	
Copper/Terne	5%			2054	* *	10	$42,700	
Modified Bitumen	5%			2031	* *	10	$17,100	
Skylight, Plastic	5%			2039	* *	1		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$105,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	3%			2035	* *	5	$14,500	
Sheet Vinyl/Rubber	5%	Now	$143,300	2026	$716,500	5	$18,100	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$15,100	
Vinyl Tile	55%			2031	* *	3	$99,600	
Vinyl Tile 9" X 9"	25%			2021	$1,329,900	3	$60,400	
Wood	5%	Now	$159,300	2041	* *	5	$22,600	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Stage								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium Stage								

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

DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$27,400	
Concrete Masonry Unit	30%			LIFE	* *	5	$131,500	
Folding Partition	3%			2034	* *	5	$41,100	
Masonry: Brick	5%			LIFE	* *	10	$8,200	
Marble Panels	2%			LIFE	* *	10	$4,400	
Plaster	25%			LIFE	* *	5-10	$116,400	
SGFT/Glazed Masonry	25%	Now	$106,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Wood	5%			LIFE	* *	5	$219,200	
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$22,600	
AcousTileSusp.Lay-In	8%			2031	* *	5	$36,100	
Exposed Concrete	52%			LIFE	* *	5-10	$293,400	
Exposed Concrete	5%	Now	$72,600	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room Below Loading Dock								
Exposed Struc: Steel	5%			LIFE	* *	10	$45,100	
Metal Panel	25%	0-2	$565,400	LIFE	* *	5	$141,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 35%								
Location : Throughout Corridors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	$84,000	2056	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment, Main Service Switches Rated @ 2- 1500 Amperes And 2- 1000 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$488,700	5	$7,900	
Raceway								
Conduit	100%			2026	$578,000	1		
Panelboards								
Fused Disc Sw	2%			2034	* *	5	$100	
Molded Case Bkrs	98%			2025	$468,800	5	$7,700	

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$545,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2026	$233,900	1		
Motor Controllers								
Locally Mounted	95%			2024	$218,700	5	$1,900	
Variable Frequency Drive	5%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,800	
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$3,476,500	10	$287,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lamp T-8								
HID	2%			2026	$51,500	10	$200	
Incandescent	1%			2021	$35,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$217,600	10	$38,900	
Exit, Service	50%			2021	$43,500	1		
Exterior Lighting								
HID	100%			2021	$1,131,100	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$271,800	1	$33,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$930,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Old Fire Alarm System; Alarm Bells, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$100,000	

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DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$31,400	2024	$1,570,700	1	$287,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : #1 & #2 Boilers, Retubing Needed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$112,600	2036	* *	4	$15,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Traps And Thermostats, Throughout								
Terminal Devices								
Air Handler	20%			2031	* *	1	$39,900	
Convector/Radiator	80%			2031	* *	1	$83,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2034	* *	1	$15,000	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : Auditorium Roof								
Reciprocating Compr/Chiller	10%			2031	* *	1	$15,000	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Courtyard								
Window/Wall Unit	70%			2021	$464,300	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : North West Corner Of Bldg								
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	* *	1	$39,900	
No Component	80%							
Heat Rejection								
Air Condenser Unit	10%			2034	* *	2	$22,500	
Air Condenser Unit	10%			2031	* *	2	$22,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$284,900	
Exhaust Fans								
Interior	80%			2026	$285,300	2	$7,900	
Roof	20%			2026	$51,300	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		

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

DEPARTMENT OF EDUCATION - 040
FRANCIS LEWIS HIGH SCHOOL - Q
Asset # : 2628

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$75,100	2	$4,700	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$31,900	
Sanitary Piping								
Cast Iron	100%	Now	$35,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Cracked, Extent : Severe, Area Affected : 3%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	90%			2026	$10,000	4	$2,200	
Submersible	10%	Now	$700	2021	$700	4	$200	
Abandoned in Place, Extent : Severe, Area Affected : 5%								
Location : Electrical Room								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$19,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$9,000	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS**		
Address	: **35-12 35TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q570**
Program / Asset #	: **BOE1092.000 / 14443**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **146,900**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **639** **Lot** : **16**	**BIN**	: **4009594**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,600	$369,000
Electrical		$1,497,300
Mechanical	$128,100	$36,400
Total	**$181,700**	**$1,902,700**
Importance Code A	$53,600	$369,000
Importance Code B	$128,100	$1,533,800
Total	**$181,700**	**$1,902,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$107,100	$12,700	$8,100	
Interior Architecture	$111,400	$30,800	$34,600	
Electrical	$19,800	$13,000	$18,100	$14,500
Mechanical	$123,800	$27,600	$97,300	$23,200
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$381,800**	**$103,800**	**$177,700**	**$57,400**
Importance Code A	$115,400	$18,900	$16,300	$6,200
Importance Code B	$244,300	$84,900	$159,300	$51,200
Importance Code C	$22,200		$2,100	
Total	**$381,800**	**$103,800**	**$177,700**	**$57,400**

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

FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS

Asset # : 14443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$8,100	LIFE	* *	5	$35,900	
Vertical Cracks, Extent : Light, Area Affected : 1%								
Location : Foundation Wall By Parking Garage Ramp								
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Foundation Wall By Parking Garage Ramp								
Concrete Masonry Unit	22%			LIFE	* *	5	$19,800	
Fiberglass Panel	6%			2039	* *	5	$16,200	
Masonry: Brick	22%			LIFE	* *	5	$31,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Building Completed In 2009								
Metal/Glass Curt Wall	18%			LIFE	* *	5	$48,500	
Metal Panel	18%			2052	* *	5-10	$88,900	
Stucco Cement	2%			2043	* *	5	$3,600	
Window Wall	2%			2052	* *	5	$5,400	
Windows								
Aluminum	100%			2048	* *	5	$21,800	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$26,400	
Concrete Masonry Unit	35%			LIFE	* *	5-10	$7,000	
Masonry: Brick	5%			LIFE	* *	5-10	$1,300	
Metal/Glass Curt Wall	10%	Now	$900	2052	* *	5	$700	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Rooms 501 And 505								
Metal Panel	10%	Now	$1,400	2052	* *	5	$700	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Below Stair On 5th Floor								
Metal Rail	5%			2046	* *	5-10	$3,300	
Roof								
IRMA/Protected Membrane	50%			2036	* *	10	$100,400	
IRMA/Protected Membrane	10%			2034	* *	10	$20,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Above The 4th Floor								
Explanation : Green Roof								
Paver: Asphalt	38%			2041	* *	10	$114,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Fourth Floor								
Explanation : Concrete Pavers								
Sloped Glazing	2%			LIFE	* *	5	$107,100	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2027	* *	3	$8,000	
Cast in Place Concrete	10%			LIFE	* *	5	$46,900	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Parking Garage								
Sheet Vinyl/Rubber	2%			2034	* *	5	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dance Studios								
Explanation : Thick Rubber Flooring Located In Dance Studios								
Sheet Vinyl/Rubber	5%	0-2	$7,900	2036	* *	5	$4,000	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 50%								
Location : Black Room (Masonite)								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Masonite Floor Covering Used To Deaden Sound								
Explanation : Masonite Floor Cover Is Damaged								
Terrazzo	10%			LIFE	* *	5	$16,700	
Vinyl Tile	43%			2034	* *	3	$17,300	
Wood	25%			2054	* *	5	$50,200	
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$4,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Glass: Single Pane	10%			LIFE	* *	5	$4,200	
Gypsum Board	60%			LIFE	* *	5-10	$28,500	
Masonry: Brick	5%			LIFE	* *	10	$400	
Metal Panel	5%			LIFE	* *	10	$600	
Ceilings								
AcousTileConcealSpLn	10%			2043	* *	5	$13,400	
AcousTileSusp.Lay-In	40%			2043	* *	5	$42,800	
Exposed Struc: Steel	7%			LIFE	* *	10	$15,000	
Fiber Board	30%	Now	$4,200	2034	* *			
Water Penetration, Extent : Light, Area Affected : 1%								
Location : 5th Floor Corridor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Corridors								
Explanation : Fiber Glass Panel								
Gypsum Board	10%	Now	$2,200	LIFE	* *	5	$13,400	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Rooms 501 And 505								
Wood	3%			LIFE	* *	5	$56,200	

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

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

DEPARTMENT OF EDUCATION - 040

FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS

Asset # : 14443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 3000 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Various Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	95%			2042	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$45,200	
Generators								
Diesel	100%			2035	* *	1	$56,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 500 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$5,400	
Fuel Storage								
Main Tank	100%			2054	* *	5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gallon Tank								
Lighting								

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2031	* *	10	$114,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	5%			2031	* *	10	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby And Hallway 1, 2, 3, 4 Floors								
Explanation : Using T-5 Lamps								
Fluorescent	5%			2031	* *	10	$6,700	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2031	* *	2	$200	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, LED	50%			2054	* *	1		
Exterior Lighting								
Fluorescent	25%			2031	* *	10	$3,400	
HID	25%			2031	* *	10	$100	
No Component	50%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$4,300	
Alarm								
Security System								
No Component	50%							
Generic	50%			2031	* *	1	$27,400	
Fire/Smoke Detection								
No Component	10%							
Generic, Analog	90%			2021	$1,369,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2046	* *	1		
Natural Gas	80%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage Ramp								
Explanation : Also Serves Ice Melt System								

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	80%			2031	* *	1	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 14 Units								
Hot Water Boiler	5%			2039	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Garage Ice Melt								
Explanation : Out Of Service Due To System Leaks Noted Under Ductwork/ Diffusers								
Radiant Heater	15%			2031	* *	2	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Electric Unit Heaters								
Distribution								
Ductwork/Diffusers	50%	Now	$54,800	LIFE	* *	2-5	$41,000	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Explanation : Fan Powered Vav And Fsd Units Prone To Failure								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$38,900	
Hot Wtr Piping/Pump	5%	Now	$36,900	2051	* *	4	$400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Parking Garage								
Explanation : Leaks In Glycol Piping System Under Ramp								
No Component	15%							
Terminal Devices								
Fan Coil Unit/Heat	20%			2031	* *	1	$9,500	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	55%	Now	$26,600	2031	* *	2	$4,000	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Controls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 14 Units 9 Units R407a 5 Units R22								
Ext Pkg Unit - Heating/Cooling	40%			2031	* *	2	$3,600	
Split Unit	5%			2031	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$238,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,700	

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2031	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : Serves Garage Area								
Roof	90%			2031	* *	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Service Entry Points								
Water Heater								
Gas Fired	100%			2024	$34,200	2	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Explanation : 900 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2031	* *	1	$9,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (3) Basement, 1-5 Floor (1) Basement-1 Floor								
Explanation : 4 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$74,100	
Sprinkler								
Generic	100%			2046	* *	1-2	$41,100	
Fire Pump								
Generic	100%			2035	* *	1	$27,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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DEPARTMENT OF EDUCATION - 040
FRANK SINATRA H.S. - Q SCHOOL OF THE ARTS
Asset # : 14443

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **FRANKLIN D. ROOSEVELT H.S - BK**		
Address	: **5800 20TH AVE BTWN: 58 ST., 59 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K505**
Program / Asset #	: **BOE0642.000 / 1219**	**Yr Built/Renovated**	: **1965 / 2002**
Area Sq Ft	: **296,080**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5506** **Lot** : **6**	**BIN**	: **3131537**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$645,000	$1,587,900
Interior Architecture	$518,400	$3,713,000
Electrical	$155,900	$3,649,900
Mechanical	$79,000	$8,261,600
Total	**$1,398,400**	**$17,212,400**
Importance Code A	$645,000	$3,140,600
Importance Code B	$523,200	$13,990,500
Importance Code C	$230,200	$81,200
Total	**$1,398,400**	**$17,212,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,500		$3,000	
Interior Architecture	$107,300			$62,700
Electrical	$7,300	$2,200	$3,200	$6,000
Mechanical	$98,700	$65,100	$73,800	$67,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$269,700**	**$75,200**	**$87,900**	**$144,300**
Importance Code A	$80,100	$31,600	$34,600	$31,600
Importance Code B	$151,700	$43,600	$53,300	$112,700
Importance Code C	$37,900			
Total	**$269,700**	**$75,200**	**$87,900**	**$144,300**

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$121,500	
Masonry: Brick	50%			LIFE	* *	5	$242,900	
Pre-Cast Concrete	40%			LIFE	* *	5	$631,600	
Window Wall	5%			2046	* *	5	$45,600	
Windows								
Aluminum	100%			2042	* *	5	$30,100	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$45,500	
Metal Rail	5%			2031	* *	5-10	$12,000	
Metal: Cage/Fence	5%			2039	* *	5-10	$5,200	
Pre-Cast Concrete	40%			LIFE	* *	5	$67,000	
Roof								
Built-Up (BUR)	55%			2031	* *	10	$148,700	
IRMA/Protected Membrane	40%			2021	$862,400	10	$108,200	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over 4th Floor								
Modified Bitumen	5%			2026	$78,700	10	$13,500	
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Over Corridor Between Low And Upper Wings								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$23,900	
Terrazzo	5%			LIFE	* *	5	$37,300	
Vinyl Tile	85%			2021	$3,450,500	3	$202,900	
Wood	5%			2041	* *	5	$44,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$43,300	
Masonry: Brick	10%			LIFE	* *	10	$16,200	
Plaster	50%			LIFE	* *	5-10	$230,200	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$81,200	
Ceilings								
AcousTileConcealSpLn	65%	Now	$117,300	2031	* *	5	$181,300	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	25%			LIFE	* *	5-10	$139,500	
Plaster	10%			LIFE	* *	5-10	$76,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Not Accessible	100%							

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	75%			2026	$366,500	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service 1500 Amps								
Fused Disc Sw	25%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service 2500 Amps								
Raceway								
Conduit	100%			2026	$578,000	1		
Panelboards								
Fused Disc Sw	20%			2025	$95,700	5	$1,400	
Molded Case Bkrs	80%			2025	$382,700	5	$6,200	
Wiring								
Braided Cloth	20%	2-4	$155,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2026	$623,800	1		
Motor Controllers								
Locally Mounted	100%			2024	$230,200	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$289,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamps T-8								
HID	1%			2021	$25,500	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Sodium								

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2026	$78,500	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exit, Service	50%			2026	$43,000	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exterior Lighting								
HID	70%			2021	$782,700	10	$600	
HID	30%			2036	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$179,200	1	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Partially Working - System Bypasses Most Of The Area								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$785,600	5	$98,800	
Conversion Equipment								
Steam Boiler	100%			2024	$1,552,800	1	$315,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%			2026	$2,227,100	4	$23,600	
Terminal Devices								
Air Handler	30%			2026	$516,000	1	$59,200	
Convector/Radiator	50%	Now	$30,100	2024	$1,506,400	1	$46,400	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Radiators								
Explanation : Thermostats Need To Be Replaced								
Fan Coil Unit/Heat	20%			2026	$955,200	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040
FRANKLIN D. ROOSEVELT H.S - BK
Asset # : 1219

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2034	* *	2	$2,000	
Window/Wall Unit	40%			2024	$262,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$281,600	
Exhaust Fans								
Interior	25%			2026	$88,100	2	$2,400	
Roof	75%			2026	$190,200	2	$7,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$31,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 4th Floor								
Explanation : Two Units But Only One Elevator Is In Use, The Other Elevator Is Not Used								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$8,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **FRANKLIN K. LANE HIGH SCHOOL -BK**
Address : **999 JAMAICA AVE. BTWN: ELDERT LA - DEXTER CT**
Borough : **BROOKLYN** | **Agency's Number** : **K420**
Program / Asset # : **BOE0669.000 / 312** | **Yr Built/Renovated** : **1937 / 2004**
Area Sq Ft : **350,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3,4,5**
Block : **4094** **Lot** : **1** | **BIN** : **3090738**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$4,834,500	$237,300
Interior Architecture	$2,817,800	$3,433,500
Electrical	$635,200	$8,204,800
Mechanical	$877,700	$7,151,400
Total	**$9,165,200**	**$19,027,000**
Importance Code A	$4,834,500	$1,999,600
Importance Code B	$3,785,000	$16,964,700
Importance Code C	$545,700	$62,700
Total	**$9,165,200**	**$19,027,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$66,200			
Interior Architecture	$80,200			$29,000
Electrical	$8,800	$2,600	$4,700	$6,700
Mechanical	$110,700	$56,300	$83,600	$59,900
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$280,700**	**$73,700**	**$103,100**	**$110,400**
Importance Code A	$100,300	$34,100	$34,100	$34,100
Importance Code B	$156,300	$39,600	$69,000	$76,300
Importance Code C	$24,100			
Total	**$280,700**	**$73,700**	**$103,100**	**$110,400**

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

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	2-4	$234,900	LIFE	* *	5	$155,700	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Masonry: Granite	10%	2-4	$49,100	LIFE	* *	5	$15,600	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Building Base Throughout								
Explanation : Peeling Paint								
Masonry: Limestone	15%	2-4	$377,700	LIFE	* *	5	$23,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	95%	2-4	$3,434,100	2051	* *	5	$41,000	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$5,400	
Parapets								
Masonry: Brick	70%	0-2	$30,500	LIFE	* *	5	$10,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North East Corner Above Room 430								
Masonry: Limestone	20%			LIFE	* *	5-10	$36,800	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Inside Face								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Around Inset Reliefs								
Metal Rail	5%			2031	* *	5-10	$13,600	
Metal: Cage/Fence	5%			2031	* *	5-10	$5,800	
Roof								
Built-Up (BUR)	5%	Now	$8,100	2021	$40,600			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Over Rooms 430/452/464 And East / West 4th Fl Corrdor								
Built-Up (BUR)	90%	4+	$730,600	2036	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 20%								
Location : Smaller Roofs								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Tar Seams Running Up Under Base Flashing								
Vegetation Growth, Extent : Moderate, Area Affected : 35%								
Location : Smaller Flat Roofs								
Metal Panel	5%			2031	* *	10	$16,200	
Interior								

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

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	14%	Now	$15,000	LIFE	* *	5	$158,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Rupture At Floor Drain In Sub Basement								
Ceramic Tile	5%			2022	$500,000	5	$25,800	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Mosaic Tile	3%	0-2	$277,800	2031	* *	5	$19,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool Area								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
Location : Pool Walking Area, Bottom Of Pool								
Terrazzo	3%			LIFE	* *	5	$24,200	
Vinyl Tile	20%	Now	$87,800	2026	$877,500	3	$38,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Band Room & Various Others								
Vinyl Tile 9" X 9"	25%			2021	$1,421,000	3	$64,500	
Wood	25%	Now	$1,276,400	2054	* *	5	$120,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 60%								
Location : Classrooms Throughout								
Uneven Surface, Extent : Severe, Area Affected : 20%								
Location : Various Classrooms								
Wood	5%	2-4	$170,200	2041	* *	5	$24,200	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	0-2	$165,400	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : West Wall Basement At Main Stairs								
Ceramic Tile	10%	0-2	$72,100	2029	* *	5	$26,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Pool Area Shower Rooms And Column Base								
Glass: Single Pane	1%	Now	$15,700	LIFE	* *	5	$3,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	5%	Now	$51,000	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Metal Panel	5%	Now	$72,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stairs								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Marble Panels	4%			LIFE	* *	10	$8,400	
Plaster	40%	Now	$83,900	LIFE	* *	5	$62,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$101,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Pool Area And Locker Rooms								
Ceilings								
AcousTile,Adhered	23%			2031	* *	5	$100,200	
Exposed Concrete	15%	Now	$105,200	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Old Coal Bunker In Basement								
Plaster	62%	Now	$354,700	LIFE	* *	5	$168,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Rooms 408/430/452/464								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 408/430/452/464								

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

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

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2026	$84,000	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : (2) 4000 Amps And (1) 3500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,500	
Raceway								
Conduit	100%			2026	$578,000	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$800	
Fused Toggle Switch	10%	2-4	$47,800	2051	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Cellar And Basement								
Molded Case Bkrs	80%			2025	$382,700	5	$7,400	
Wiring								
Braided Cloth	70%	2-4	$545,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2026	$233,900	1		
Motor Controllers								
Locally Mounted	50%			2024	$115,100	5	$1,200	
Locally Mounted	25%			2039	* *	5	$600	
Motor Control Center	25%			2024	$361,100	5	$2,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	96%			2026	$3,676,300	10	$303,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2026	$82,600	10	$300	
Incandescent	1%			2021	$38,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$232,500	10	$41,600	
Exit, Service	50%			2021	$46,500	1		
Exterior Lighting								
HID	100%			2021	$1,321,800	10	$1,100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$211,800	1	$26,100	

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

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Under Construction	40%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$106,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fuel Type Was Recently Converted From #6 Oil To #4								
Conversion Equipment								
Steam Boiler	100%			2024	$1,678,300	1	$341,400	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Sub Basement, One Of Three Boilers Down For Retubing								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement, Boilers & Auxilliary Equipment Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$240,700	2036	* *	4	$17,000	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement Boiler Room, Defective Vaccuum Pump Controls								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Return Piping Are Beyond Useful Life Cycle Rating								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
FRANKLIN K. LANE HIGH SCHOOL -BK
Asset # : 312

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	0-2	$111,500	2021	$557,700	1	$57,600	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, The Blower Fan System Flexible Connections Are Badly Deteriorated								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, Air Handling Equipment Beyond Useful Life Cycle Rating								
Convector/Radiator	40%	Now	$130,300	2024	$1,302,600	1	$40,100	
Malfunctioning, Extent : Moderate, Area Affected : 75%								
Location : Throughout, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam Radiators Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	30%	0-2	$309,700	2021	$1,548,600	1	$30,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Unit Ventilators Have Multiple Mechanical And Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Unit Ventilators Are Beyond Their Useful Lifecycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2024	$354,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$304,400	
Exhaust Fans								
Interior	100%	0-2	$19,100	2021	$381,100	2	$8,400	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Basement East And West Fan Rooms, The Exhaust Fan System Flexible Connections Are Badly Deteriorated								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement East And West Fan Rooms, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$1,029,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Domestic Hot And Cold Water Piping Beyond Useful Life Cycle Rating								

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

DEPARTMENT OF EDUCATION - 040

FRANKLIN K. LANE HIGH SCHOOL -BK

Asset # : 312

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	0-2	$10,700	2026	$107,000	4	$34,100	
Damaged, Extent : Severe, Area Affected : 25%								
Location : Pool Equipment Room, Defective Hot Water Heat Exchanger								
Not Insulated, Extent : Severe, Area Affected : 20%								
Location : Sub Basement One Of Two Heat Exchanger Tanks Is Devoid Of Insulation								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room And Sub Basement Boiler Room, The Hot Water Heat Exchangers Are Beyond Their Useful Life Cycle Rating								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 35%								
Location : Roof Drains								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Roof Over Rooms 430 And 452								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Sub Basement Pool Equipment Room								
Backflow Preventer								
Generic	100%	Now	$1,700	2031	* *	1	$19,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Sub Basement Crawlspace Near Pool Equipment Room								
Explanation : One Of Two Leaky Back Flow Preventers								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Passenger - Sub Basement To 4th Floor / Freight - Basement : 1st								
Explanation : Two Passenger, One Freight								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$9,700	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Inspection Sticker Is Expired								

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

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **GEORGE W. WINGATE HIGH SCHOOL-BK**
Address : **600 KINGSTON AVE. BTWN: RUTLAND RD., WINTHROP ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K470**
Program / Asset # : **BOE0635.000 / 2523** | **Yr Built/Renovated** : **1955 / 2007**
Area Sq Ft : **303,000** | **Project Type** : **EDUCATION**
Date of Survey : **01-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4811** **Lot** : **1** | **BIN** : **3107227**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$432,900	$201,400
Interior Architecture	$971,600	$3,338,900
Electrical		$3,029,900
Mechanical	$157,900	$1,372,900
Total	**$1,562,500**	**$7,943,000**
Importance Code A	$432,900	$201,400
Importance Code B	$945,100	$7,651,100
Importance Code C	$184,400	$90,500
Total	**$1,562,500**	**$7,943,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$57,700	$31,900		
Interior Architecture	$71,300		$34,800	$44,800
Electrical	$10,400	$3,300	$2,300	$2,300
Mechanical	$101,400	$53,700	$68,900	$48,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$244,900**	**$92,900**	**$109,900**	**$99,500**
Importance Code A	$87,300	$61,500	$29,600	$29,600
Importance Code B	$137,200	$31,400	$80,300	$58,700
Importance Code C	$20,400			$11,300
Total	**$244,900**	**$92,900**	**$109,900**	**$99,500**

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

DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$261,200	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$57,600	
Panel/Paver: Limestone	5%			LIFE	* *	5	$11,500	
Windows								
Aluminum	95%			2048	* *	5	$63,800	
Glass Block	3%			LIFE	* *	5	$2,500	
Metal Louvers	2%			2035	* *	10	$8,400	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$141,600	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$67,000	
Metal Panel	5%			2046	* *	5	$3,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$24,700	
Roof								
IRMA/Protected Membrane	95%	Now	$174,300	2034	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Over Library And Building A								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Library And Building A								
Roll Roofing	5%			2027	* *	5	$19,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$97,700	
Terrazzo	5%			LIFE	* *	5	$34,900	
Vinyl Tile	20%			2034	* *	3	$33,500	
Vinyl Tile 9" X 9"	60%			2021	$2,952,400	3	$134,000	
Wood	10%	Now	$294,700	2054	* *	5	$41,900	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$22,600	
Concrete Masonry Unit	50%			LIFE	* *	5	$181,000	
Glazed Ceramic Panel	5%			LIFE	* *	10	$20,400	
Plaster	15%			LIFE	* *	5-10	$57,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$56,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2031	* *	5	$75,500	
AcousTile,Adhered	5%	Now	$175,400	2046	* *	5	$9,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2039	* *	5	$47,200	
Exposed Concrete	10%			LIFE	* *	5-10	$47,200	
Plaster	55%			LIFE	* *	5-10	$356,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Service Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$1,300	
Raceway								
Conduit	80%			2026	$462,400	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	50%			2042	* *	5	$3,500	
Molded Case Bkrs	50%			2042	* *	5	$4,000	
Wiring								
Braided Cloth	50%			2025	$389,900	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Upper Floors								
Thermoplastic	50%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Water Pipe								
Lighting								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$268,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	25%			2031	* *	1		
Emergency, Service	25%			2026	$36,700	1		
Emergency, Battery	25%			2031	* *	10	$18,000	
Emergency, Battery	25%			2026	$100,600	10	$18,000	
Exterior Lighting								
HID	100%			2026	$1,144,300	10	$900	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$22,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$627,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$295,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$41,700	2036	* *	4	$14,700	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Steam Leaks From Pipe Above #1 Boiler								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Live Steam Returns, F & T And Steam Traps Have Been Replaced Couple Years Ago								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$321,900	1	$36,900	
Convector/Radiator	75%	Now	$42,300	2031	* *	1	$65,100	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms - Defective Thermostats								
Fan Coil Unit/Heat	5%			2026	$223,400	1	$4,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2026	$295,200	2	$2,700	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	15%	0-2	$4,600	2021	$92,000	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Various Classrooms - Defective Room Air Conditioning Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$263,500	
Exhaust Fans								
Interior	90%			2026	$296,900	2	$8,200	
Roof	10%			2026	$23,700	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	Now	$3,600	2031	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Corroded Water Main Valve At " A " Wing Tunnel								
Water Heater								
Gas Fired	100%			2024	$69,400	2	$4,300	
Sanitary Piping								
Cast Iron	100%	Now	$32,400	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Clogged Floor Drain In Cafeteria And At Wing A Tunnel Exit #3								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
GEORGE W. WINGATE HIGH SCHOOL-BK
Asset # : 2523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$4,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Installed In Room # C105, Not In The Kitchen								
Explanation : 1 Set Unit								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **GEORGE WASHINGTON HIGH SCHOOL -M**		
Address	: **549 AUDUBON AVE BTWN: WEST 192 ST., WEST 193 S**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M465**
Program / Asset #	: **BOE0127.000 / 1621**	**Yr Built/Renovated**	: **1925 / 2006**
Area Sq Ft	: **320,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,4,5**		
Block	: **2160** **Lot** : **18**	**BIN**	: **1076751**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$3,577,200	$1,652,800
Interior Architecture	$1,444,700	$1,755,900
Electrical	$740,400	$1,906,300
Mechanical	$1,463,400	$7,820,300
Total	**$7,225,700**	**$13,135,400**
Importance Code A	$3,655,000	$3,244,200
Importance Code B	$3,266,700	$9,844,200
Importance Code C	$303,900	$47,000
Total	**$7,225,700**	**$13,135,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,500			
Interior Architecture	$58,300	$6,000	$21,200	$16,300
Electrical	$43,900	$3,600	$5,300	$6,700
Mechanical	$78,400	$70,500	$81,800	$57,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$235,900**	**$88,000**	**$116,200**	**$88,700**
Importance Code A	$47,500	$31,700	$31,700	$31,700
Importance Code B	$173,200	$56,300	$63,300	$57,000
Importance Code C	$15,200		$21,200	
Total	**$235,900**	**$88,000**	**$116,200**	**$88,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$342,000	LIFE	* *	5	$226,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Fieldstone	5%			LIFE	* *	5	$21,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$184,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Stucco Cement	5%			2031	* *	5	$35,400	
Windows								
Glass Block	10%	Now	$101,800	LIFE	* *	5	$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	90%	Now	$2,877,700	2042	* *	5	$573,800	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Elevator Shaft								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Library								
Parapets								
Masonry: Brick	75%	Now	$163,500	LIFE	* *	5	$56,600	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Interior Face								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Pre-Cast Concrete	25%	Now	$13,500	LIFE	* *	5	$118,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Coping At Parapet Over Main Entrance								
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : Coping At Parapet Over Main Entrance								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	50%			2034	* *	10	$118,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Various Flat Roofs								
Built-Up (BUR)	43%	2-4	$23,300	2021	$466,400			
Debris Present, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Above Room 338								
Copper/Terne	5%			2054	* *	10	$29,600	
Skylight, Metal/Glass	2%			2036	* *	10	$15,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$423,100	
Ceramic Tile	5%	Now	$140,600	2029	* *	5	$12,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Student Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boys Pool								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boys Pool								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Boys Pool								
Explanation : Reapairs In Progress								
Mosaic Tile	1%			2043	* *	5	$12,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Room 318								
Marble Panels	2%			LIFE	* *	5	$14,500	
Vinyl Tile	27%			2026	$1,110,200	3	$65,300	
Wood	45%	4+	$358,900	2041	* *	5	$204,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%	Now	$80,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool Wall								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room B15								
Ceramic Tile	10%			2029	* *	5	$42,300	
Glass: Single Pane	3%	Now	$38,100	LIFE	* *	5	$9,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Gypsum Board	10%			LIFE	* *	5-10	$71,900	
Masonry: Brick	12%			LIFE	* *	10	$15,200	
Plaster	37%			LIFE	* *	5-10	$133,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$52,900	
Ceilings								
AcousTile,Adhered	10%	Now	$19,500	2031	* *	5	$20,900	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
AcousTileSusp.Lay-In	10%			2031	* *	5	$41,900	
Exposed Concrete	5%	Now	$67,400	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 55%								
Location : Boys Pool Area In Sub Basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Sub Basement								
Spalling, Extent : Moderate, Area Affected : 55%								
Location : Boys Pool Area In Sub Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Boys Pool Area In Sub Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Sub Basement								
Explanation : Temporary Supports Installed Below Ceiling								
Exposed Struc: Steel	5%			LIFE	* *	10	$41,900	
Plaster	65%			LIFE	* *	5-10	$467,800	
Plaster	5%			LIFE	* *	5-10	$36,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								

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

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2026	$33,600	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 6000 Amperes								
Fused Disc Sw	40%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Fused Disc Sw	20%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2026	$146,600	5	$400	
Fused Disc Sw	70%			2046	* *	5	$1,000	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$700	
Fused Knife Sw	5%	2-4	$23,900	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2042	* *	5	$1,700	
Molded Case Bkrs	65%			2025	$310,900	5	$5,500	
Wiring								
Braided Cloth	90%	2-4	$701,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$184,200	5	$1,700	
Motor Control Center	20%			2039	* *	5	$1,700	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$281,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2021	$71,100	10	$5,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2021	$51,100	10	$200	
Egress Lighting								
Emergency, Battery	50%			2021	$215,800	10	$38,600	
Exit, Service	50%			2021	$43,200	1		
Exterior Lighting								
HID	100%			2036	* *	10	$1,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$35,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2046	* *	5	$99,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 - 15,000 Gallon Tanks For #4 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$77,900	2024	$1,557,800	1	$285,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, Defective Low Pressure Steam Regulator								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sub Basement Mezzanine Level								
Explanation : 2- #4 Oil Burning Medium Pressure Steam Boilers, Old Coal Boilers Abandoned In Place								

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

DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$223,400	2026	$2,234,300	4	$15,800	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout, Leaky Steam Supply And Condensate Return Lines								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	50%			2021	$862,700	1	$98,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room, Third Floor Fan Rooms, And Auditorium Fan Room								
Convector/Radiator	50%	Now	$151,100	2024	$1,511,300	1	$46,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout, Defective Climate Controls, Leaky Radiators								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%	Now	$10,900	2031	* *	1	$6,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof, Defective Controls								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Third Floor Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Roof								
Explanation : Packaged Air Cooled Chiller. Serves Cafeteria								
Split Unit	5%			2031	* *			
Window/Wall Unit	80%			2024	$526,300	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Located Over Auditorium Stage								
Explanation : Serves Auditorium Stage								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	5%			2046	* *	4	$1,200	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2026	$61,200	1	$9,900	
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2031	* *	2	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Level								
Explanation : Unit Serves Auditorium Stage								
No Component	95%							

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

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

DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$55,200	LIFE	* *	2-5	$178,400	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Basement								
Exhaust Fans								
Interior	50%			2021	$176,900	2	$4,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Pools Equipment Rooms, Third Floor Fan Rooms And Auditorium Fan Room								
Roof	50%			2021	$127,200	2	$4,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roofs								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$955,700	2046	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%			2026	$99,300	4	$47,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Pool Equippment Room								
Sanitary Piping								
Cast Iron	100%	Now	$34,800	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Room B15, Pool Equipment Room And Various Other Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$8,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : West Central Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement, Defective Sump Pump								
Pool Filter/Treatment								
Activated Carbon	100%			2024	$484,900	4		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Two Pools, One Not In Service								
Fixtures								
Generic	100%							

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

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

DEPARTMENT OF EDUCATION - 040
GEORGE WASHINGTON HIGH SCHOOL -M
Asset # : 1621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$9,000	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**GEORGE WESTINGHOUSE H.S. - BK**			
Address	:	**105 JOHNSON ST. @TILLARY & BRIDGE STREETS**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K580**
Program / Asset #	:	**BOE0646.000 / 1209**	**Yr Built/Renovated**	:	**1908 / 2000**
Area Sq Ft	:	**244,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Sep-2012**	**Landmark Status**	:	**EXTERIOR LANDMARK**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**131** **Lot** : **1**	**BIN**	:	**3348044**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,525,600	$553,500
Interior Architecture	$2,435,000	$1,481,700
Electrical	$1,718,500	$1,838,800
Mechanical	$440,000	$2,897,000
Total	**$6,119,100**	**$6,770,900**
Importance Code A	$1,525,600	$645,300
Importance Code B	$3,296,900	$6,070,200
Importance Code C	$1,296,600	$55,400
Total	**$6,119,100**	**$6,770,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,100			
Interior Architecture	$108,900			$30,800
Electrical	$14,500	$6,300	$29,800	$3,700
Mechanical	$81,200	$36,200	$109,200	$46,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$232,600**	**$50,400**	**$146,900**	**$89,200**
Importance Code A	$43,400	$21,700	$22,300	$21,700
Importance Code B	$135,600	$28,700	$124,600	$67,500
Importance Code C	$53,600			
Total	**$232,600**	**$50,400**	**$146,900**	**$89,200**

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

DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$240,400	
Masonry: Brick	45%	0-2	$228,200	LIFE	* *	5	$138,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	0-2	$126,800	LIFE	* *	5	$76,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Granite Panels	5%	0-2	$178,300	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	15%			2037	* *	5	$115,400	
Windows								
Aluminum	100%	0-2	$182,700	2040	* *	5	$39,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	13%			LIFE	* *	5	$18,500	
Masonry: Brick	40%	0-2	$46,400	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	0-2	$14,500	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%			2037	* *	5-10	$16,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,300	
Stucco Cement	15%	0-2	$3,900	2037	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	50%	0-2	$41,500	2029	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%	0-2	$6,100	2039	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	45%	Now	$649,400	2034	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 30%								
Location : 1908 Wing								
Ponding, Extent : Moderate, Area Affected : 30%								
Location : 1908 Wing								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : 1908 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : 1908 Wing								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$71,900	
Ceramic Tile	5%	0-2	$17,400	2033	* *	5	$8,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	0-2	$17,400	2033	* *	5	$8,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$41,700	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	Now	$244,200	2024	$1,220,900	3	$49,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 1908 Wing Stairs								
Vinyl Tile	35%	0-2	$106,800	2029	* *	3	$43,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$283,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$618,600	2039	* *	5	$10,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$19,900	LIFE	* *	5	$16,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	5%	4+	$33,700	LIFE	* *	5	$15,400	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Glazed Ceramic Panel	5%	0-2	$70,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	25%	0-2	$179,800	LIFE	* *	5	$30,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	20%	0-2	$143,900	LIFE	* *	5	$24,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	2-4	$580,800	2044	* *	5	$41,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor In 1962 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor In 1962 Wing								
AcousTileConcealSpLn	10%			2037	* *	5	$41,100	
Exposed Concrete	25%			LIFE	* *	5	$12,800	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Plaster	35%	0-2	$164,900	LIFE	* *	5	$71,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$91,800	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	5%			2044	* *	5	$100	
Molded Case Bkrs	95%			2024	$507,200	5	$6,100	
Raceway								
Conduit	90%			2024	$568,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$300	
Molded Case Bkrs	90%			2023	$470,300	5	$5,800	
Molded Case Bkrs	5%			2040	* *	5	$300	
Wiring								
Braided Cloth	50%	2-4	$425,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	40%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$201,200	5	$1,300	
Locally Mounted	20%	2-4	$50,300	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement / Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$197,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2019	$38,300	10	$100	
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$21,200	
Exit, Service	60%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$1,006,700	10	$700	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	85%							
Generic	15%			2032	* *	1	$13,700	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2034	* *	1-3	$22,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$68,000	
Conversion Equipment								
Steam Boiler	100%	Now	$23,400	2029	* *	1	$195,700	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 4 Units. #2 Boiler Needs To Be Retubed								
Distribution								
Steam Piping/Pump	100%	Now	$167,500	2034	* *	4	$10,800	
Damaged, Extent : Severe, Area Affected : 10%								
Location : #1 Vacuum Pump Bearings								
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Pneumatic Valves In Class Rooms, Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	15%			2024	$194,000	1	$20,400	
Convector/Radiator	80%			2022	$1,812,400	1	$56,700	
Fan Coil Unit/Heat	5%			2024	$179,600	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2024	$162,800	1	$20,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Basement A C Room								
Window/Wall Unit	30%			2019	$147,900	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2034	* *	4	$3,200	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2024	$101,900	1	$27,200	
No Component	80%							

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

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

DEPARTMENT OF EDUCATION - 040
GEORGE WESTINGHOUSE H.S. - BK
Asset # : 1209

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	20%	Now	$13,800	2018	$68,800	2	$35,400	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Lower Roof								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$122,400	
Exhaust Fans								
Interior	20%			2024	$53,000	2	$1,300	
Roof	80%	Now	$30,500	2024	$152,500	2	$4,300	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Fan Motors								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2017	$55,800	2	$3,200	
HW Heat Exchanger								
Low Temp	100%			2024	$74,400	4	$21,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$12,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-4								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	96%							
Generic	4%			2024	$112,000	1-2	$2,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **GRACE H. DODGE HIGH SCHOOL - BX**		
Address	: **2474 CROTONA AVE. @ E.189 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X660**
Program / Asset #	: **BOE0336.000 / 2604**	**Yr Built/Renovated**	: **1925 / 2010**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3104** **Lot** : **7**	**BIN**	: **2012887**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$341,100
Interior Architecture	$412,400	$159,100
Electrical	$1,359,700	$351,300
Mechanical		$1,318,300
Total	**$1,772,200**	**$2,169,700**
Importance Code A		$341,100
Importance Code B	$1,772,200	$1,769,000
Importance Code C		$59,600
Total	**$1,772,200**	**$2,169,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,700	$7,200		$17,300
Interior Architecture	$10,500	$16,400		$13,500
Electrical	$14,400	$1,900	$1,600	$22,000
Mechanical	$26,900	$22,000	$35,300	$97,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$80,400**	**$52,300**	**$41,700**	**$155,400**
Importance Code A	$36,100	$19,600	$12,400	$29,700
Importance Code B	$44,300	$32,800	$29,400	$125,600
Importance Code C				
Total	**$80,400**	**$52,300**	**$41,700**	**$155,400**

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

DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$72,200	
Masonry: Brick	55%			LIFE	* *	5	$101,700	
Masonry: Brick Cavity	25%			LIFE	* *	5	$46,200	
Masonry: Granite	5%			LIFE	* *	5	$6,900	
Masonry: Limestone	5%			LIFE	* *	5	$6,900	
Metal Panel	5%			2045	* *	5-10	$63,600	
Windows								
Aluminum	100%			2047	* *	5	$47,400	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,800	
Masonry: Brick	55%			LIFE	* *	5	$4,800	
Masonry: Brick Cavity	25%			LIFE	* *	5	$2,200	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
Built-Up (BUR)	95%			2033	* *	10	$74,700	
Metal Panel	5%			2038	* *	10	$7,200	
Interior								
Floors								
Terrazzo	5%			LIFE	* *	5	$7,300	
Vinyl Tile	70%			2030	* *	3	$49,100	
Vinyl Tile 9" X 9"	20%			2020	$412,400	3	$18,700	
Wood	5%			2040	* *	5	$17,600	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Plaster	85%			LIFE	* *	5	$59,600	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2042	* *	5	$11,700	
Exposed Concrete	5%			LIFE	* *	5	$1,500	
Metal Panel	5%			LIFE	* *	5	$11,700	
Plaster	85%			LIFE	* *	5	$99,400	

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

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

DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	95%			2051	* *	5	$600	
Fused Knife Sw	5%	2-4	$11,000	2055	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Raceway								
Conduit	70%			2025	$173,200	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$300	
Molded Case Bkrs	90%			2047	* *	5	$3,300	
Wiring								
Braided Cloth	70%	2-4	$243,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 80%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	40%	2-4	$46,000	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Locally Mounted	60%			2023	$69,100	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,000	
Generic	50%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$109,000	
Other Observation, Extent : Moderate, Area Affected : 94%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$20,000	10	$100	
Incandescent	3%			2020	$41,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$15,100	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$525,000	10	$400	

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$15,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$503,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$38,700	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$123,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,200	
Terminal Devices								
Air Handler	15%			2025	$101,200	1	$11,600	
Convector/Radiator	85%			2023	$1,004,200	1	$34,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$25,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	100%			2025	$138,300	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$74,700	1		
Water Heater								
Gas Fired	100%			2024	$29,100	2	$1,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Gallon Tank								

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

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DEPARTMENT OF EDUCATION - 040
GRACE H. DODGE HIGH SCHOOL - BX
Asset # : 2604

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2030	* *	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1-5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,800	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **GRAND ST. EDUCATIONAL CAMPUS -BK**		
Address	: **850 GRAND STREET @BUSHWICK AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K450**
Program / Asset #	: **BOE0630.000 / 1227**	**Yr Built/Renovated**	: **1981 /**
Area Sq Ft	: **444,521**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **3016** **Lot** : **1**	**BIN**	: **3325733**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$638,900	$859,400
Interior Architecture	$129,300	$431,400
Electrical	$1,883,600	$11,640,400
Mechanical	$766,600	$2,227,100
Total	**$3,418,500**	**$15,158,300**
Importance Code A	$638,900	$985,500
Importance Code B	$2,779,600	$14,046,900
Importance Code C		$125,900
Total	**$3,418,500**	**$15,158,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,400		$12,600	$13,300
Interior Architecture	$83,900	$17,800	$50,000	$98,100
Electrical	$47,000	$51,400	$63,800	$43,300
Mechanical	$90,800	$122,100	$133,500	$89,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$239,800**	**$199,300**	**$267,700**	**$252,400**
Importance Code A	$54,400	$44,000	$57,500	$57,300
Importance Code B	$185,400	$155,200	$187,000	$195,100
Importance Code C			$23,200	
Total	**$239,800**	**$199,300**	**$267,700**	**$252,400**

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	68%			LIFE	* *	5	$176,400	
Metal Coiling Doors	2%			2029	* *	5	$16,200	
Pre-Cast Concrete	30%			LIFE	* *	5	$253,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$566,400	2032	* *	5	$33,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Room 217 And Various Others								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2033	* *	10	$8,600	
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$14,800	
Metal Panel	5%	Now	$10,400	2044	* *	5	$2,600	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Coping At Mechanical Room								
Pre-Cast Concrete	40%			LIFE	* *	5	$67,700	
Roof								
Copper/Terne	5%			2052	* *	10	$6,700	
IRMA/Protected Membrane	85%	Now	$72,500	2024	$362,400			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Mechanical Rooms								
Roll Roofing	5%			2020	$11,000	5	$4,500	
Traffic Topping	5%			2029	* *	10	$4,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$109,300	
Ceramic Tile	5%			2033	* *	5	$35,700	
Panel/Paver: Cer/Brk	4%			2040	* *	5	$64,200	
Vinyl Tile	72%			2029	* *	3	$256,900	
Vinyl Tile	2%			2032	* *	3	$7,100	
Wood	6%			2052	* *	5	$80,300	
Wood	4%			2039	* *	5	$53,500	

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	30%			LIFE	* *	5	$53,000	
Glass: Single Pane	2%			LIFE	* *	5	$6,600	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	3%			2044	* *	5	$46,400	
Plaster	55%			LIFE	* *	5	$72,900	
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$178,400	
AcousTileSusp.Lay-In	5%			2037	* *	5	$35,700	
Exposed Concrete	60%			LIFE	* *	5	$66,900	
Water Penetration, Extent : Light, Area Affected : 25%								
Location : Rooms 432, 436, 442								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$22,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$126,100	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 5000 Amperes Each								
Transformers								
Dry Type	100%			2029	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 150 Kva, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$733,100	5	$1,900	
Raceway								
Conduit	95%			2024	$823,700	1		
Conduit	5%			2034	* *	1		
Panelboards								
Molded Case Bkrs	95%			2023	$695,800	5	$11,100	
Molded Case Bkrs	5%			2032	* *	5	$600	
Wiring								
Thermoplastic	95%			2024	$1,111,100	1		
Thermoplastic	5%			2034	* *	1		
Motor Controllers								
Locally Mounted	60%			2022	$207,200	5	$1,800	
Motor Control Center	40%			2022	$866,700	5	$4,800	
Ground								

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$136,800	
Generators								
Diesel	100%			2037	* *	1	$172,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated @ 365 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$16,500	
Fuel Storage								
Main Tank	100%			2059	* *	5	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2024	$4,641,500	10	$383,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	5%			2024	$246,900	10	$20,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lamps								
HID	1%			2019	$35,500	10	$100	
Egress Lighting								
Emergency, Service	50%			2019	$109,300	1		
Exit, Service	50%			2019	$60,000	1		
Exterior Lighting								
HID	100%			2019	$1,678,800	10	$1,400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$403,500	1	$49,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$1,381,200	1-3	$82,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Bells,Smoke Detectors, Manual Pull Stations								

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$137,700	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$440,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$32,900	
Terminal Devices								
Air Handler	30%			2024	$719,100	1	$82,500	
Convector/Radiator	70%			2029	* *	1	$100,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2024	$150,900	1	$20,600	
Window/Wall Unit	70%			2019	$639,700	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2034	* *	4	$3,300	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2024	$151,100	1	$27,500	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	* *	2	$31,000	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$247,900	
Exhaust Fans								
Interior	70%			2024	$344,000	2	$9,500	
Roof	30%			2024	$106,000	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$65,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

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DEPARTMENT OF EDUCATION - 040
GRAND ST. EDUCATIONAL CAMPUS -BK
Asset # : 1227

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B,1,2,3,4 (1) 1-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$224,100	
Sprinkler								
No Component	90%							
Generic	10%			2024	$519,000	1-2	$12,500	
Fire Pump								
Generic	100%			2027	* *	1	$83,000	
Chemical System								
Not Accessible	100%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **GREGORIO LUPERON H.S. - M**		
Address	: **2120 AMSTERDAM AVE. @ W.165 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M876**
Program / Asset #	: **BOE1067.000 / 14413**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **52,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-May-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2123** **Lot** : **45**	**BIN**	: **1085733**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$47,700
Total		**$47,700**
Importance Code B		$47,700
Total		**$47,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$600		$41,600
Interior Architecture		$17,400	$7,900	
Electrical	$1,600	$800	$800	$1,500
Mechanical	$14,100	$9,500	$13,700	$13,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$23,600**	**$36,200**	**$30,300**	**$65,000**
Importance Code A	$2,600	$3,200	$2,600	$44,200
Importance Code B	$21,100	$33,100	$22,100	$20,800
Importance Code C			$5,600	
Total	**$23,600**	**$36,200**	**$30,300**	**$65,000**

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

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$22,100	
Metal Panel	15%			2045	* *	5-10	$35,100	
Pre-Cast Concrete	15%			LIFE	* *	5	$16,600	
Window Wall	5%			2035	* *	5	$6,400	
Windows								
Aluminum	95%			2041	* *	5	$1,700	
Glass Block	5%			LIFE	* *	5	$100	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$500	
Metal Panel	15%			2045	* *	5	$700	
Pre-Cast Concrete	5%			LIFE	* *	5	$400	
Stucco Cement	40%			2038	* *	5	$1,200	
Roof								
IRMA/Protected Membrane	100%			2030	* *	10	$28,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$6,600	
Ceramic Tile	15%			2034	* *	5	$4,500	
Vinyl Tile	65%			2033	* *	3	$7,400	
Wood	10%			2053	* *	5	$5,700	
Interior Walls								
Ceramic Tile	15%			2034	* *	5	$11,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Gypsum Board	75%			LIFE	* *	5	$33,800	
Ceilings								
AcousTileSusp.Lay-In	80%			2038	* *	5	$24,300	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$3,800	

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

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

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 2500 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 800 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	25%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 600 Amps Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	* *	10	$42,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2033	* *	10	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors & Gym								
Explanation : Compact Fluorescent Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$6,300	
Exit, LED	45%			2060	* *	1		
Exit, Service	5%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$1,500	
Alarm								

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

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	60%							
Generic	40%			2033	* *	1	$7,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,000	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$12,100	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								

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

DEPARTMENT OF EDUCATION - 040
GREGORIO LUPERON H.S. - M
Asset # : 14413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$14,600	
Fire Pump								
Generic	100%			2034	* *	1	$9,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **GROVER CLEVELAND HIGH SCHOOL - Q**
Address : **21-27 HIMROD STREET @GRANDVIEW AVE.**
Borough : **QUEENS**
Agency's Number : **Q485**
Program / Asset # : **BOE0886.000 / 1478**
Yr Built/Renovated : **1931 / 2010**
Area Sq Ft : **276,150**
Project Type : **EDUCATION**
Date of Survey : **20-Sep-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3363** **Lot** : **1**
BIN : **4080227**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$220,300	$652,800
Interior Architecture	$1,124,400	$2,962,200
Electrical	$1,546,100	$6,193,900
Mechanical	$863,800	$1,187,300
Total	**$3,754,600**	**$10,996,100**
Importance Code A	$220,300	$711,600
Importance Code B	$3,534,300	$9,488,800
Importance Code C		$795,600
Total	**$3,754,600**	**$10,996,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$19,500	$37,100		$19,500
Electrical	$28,100	$69,800	$9,300	$11,400
Mechanical	$75,000	$66,500	$67,900	$42,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$126,500**	**$177,400**	**$81,100**	**$77,700**
Importance Code A	$29,500	$30,100	$29,500	$29,500
Importance Code B	$97,100	$147,300	$51,600	$48,300
Importance Code C				
Total	**$126,500**	**$177,400**	**$81,100**	**$77,700**

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

DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$162,800	
Copper/Terne	3%			2043	* *	10	$14,700	
Masonry: Brick	77%			LIFE	* *	5	$160,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$15,600	
Windows								
Aluminum	100%	Now	$220,300	2039	* *	5	$13,100	
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,000	
Masonry: Brick	95%			LIFE	* *	5	$14,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	92%			2033	* *	10	$290,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2063	* *	10	$39,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Bulkheads								
Skylight, Plastic	3%			2036	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$97,400	
Ceramic Tile	5%			2026	$431,500	5	$22,300	
Terrazzo	5%			LIFE	* *	5	$17,400	
Vinyl Tile	35%			2023	$1,325,100	3	$77,900	
Vinyl Tile	20%			2018	$757,200	3	$33,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	25%	Now	$367,200	2038	* *	5	$104,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Boys Gymnasium #3								
Interior Walls								
Ceramic Tile	5%			2026	$697,100	5	$25,300	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$98,500	
SGFT/Glazed Masonry	15%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$52,000	
Exposed Concrete	10%			LIFE	* *	5	$6,500	
Plaster	80%			LIFE	* *	5	$208,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$58,800	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2033	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$488,700	5	$1,200	
Raceway								
Conduit	70%			2023	$404,600	1		
Conduit	30%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$600	
Fused Knife Sw	1%	2-4	$4,800	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	30%			2031	* *	5	$2,200	
Molded Case Bkrs	59%			2022	$282,200	5	$4,300	
Wiring								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	70%			2023	$545,800	1		
Motor Controllers								
Locally Mounted	30%			2021	$69,100	5	$600	
Locally Mounted	20%			2028	* *	5	$400	
Motor Control Center	50%			2028	* *	5	$3,800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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

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

DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$27,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	80%			2023	$2,643,700	10	$218,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2018	$71,200	10	$300	
Incandescent	7%			2018	$231,300	2	$500	
Egress Lighting								
Emergency, Battery	10%			2023	$40,100	10	$7,200	
Emergency, Battery	40%			2018	$160,500	10	$28,700	
Exit, Service	50%			2018	$40,100	1		
Exterior Lighting								
HID	100%			2018	$1,042,900	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$250,600	1	$30,900	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2023	$1,144,100	1-3	$70,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$294,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$103,900	2033	* *	4	$14,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2023	$401,000	1	$46,000	
Convector/Radiator	60%			2028	* *	1	$57,700	
Fan Coil Unit/Heat	15%			2018	$668,200	1	$14,400	
Air Conditioning								

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

DEPARTMENT OF EDUCATION - 040
GROVER CLEVELAND HIGH SCHOOL - Q
Asset # : 1478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$91,700	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$165,900	
Exhaust Fans								
Interior	90%	Now	$14,800	2023	$296,000	2	$6,600	
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Roof								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Roof	10%			2018	$23,700	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$17,800	2033	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2022	$69,200	2	$4,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Obsolete Unit Remains								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Pool Filter/Treatment								
Activated Carbon	100%			2017		4		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$347,400	1-2	$8,300	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q**
Address : **116-25 GUY BREWER BOULEVARD**
Borough : **QUEENS**
Program / Asset # : **BOE1039.000 / 13592**
Area Sq Ft : **197,248**
Date of Survey : **15-Mar-2013**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,6**
Block : **12335** **Lot** : **49**

Agency's Number : **Q690**
Yr Built/Renovated : **2003 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4464077**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,900	$409,900
Interior Architecture	$101,500	$257,600
Electrical	$180,900	
Mechanical		$94,800
Total	**$324,300**	**$762,200**
Importance Code A	$41,900	$409,900
Importance Code B	$282,400	$297,700
Importance Code C		$54,600
Total	**$324,300**	**$762,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$75,300		$19,500	$20,200
Interior Architecture	$52,600	$13,600		$27,700
Electrical	$29,000	$20,300	$45,300	$33,500
Mechanical	$128,100	$98,700	$144,400	$82,900
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$308,700**	**$156,300**	**$232,900**	**$187,900**
Importance Code A	$94,800	$19,500	$39,500	$39,700
Importance Code B	$213,900	$130,500	$193,400	$148,200
Importance Code C		$6,200		
Total	**$308,700**	**$156,300**	**$232,900**	**$187,900**

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

DEPARTMENT OF EDUCATION - 040

H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q

Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$312,300	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Street Facade								
Metal Panel	3%			2044	* *	5-10	$71,600	
Window Wall	7%	2-4	$23,400	2044	* *	5	$45,500	
Water Penetration, Extent : Light, Area Affected : 30%								
Location : South Side								
Windows								
Aluminum	97%			2040	* *	5	$40,300	
Metal Louvers	3%			2033	* *	10	$7,800	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$13,700	
Metal Rail	10%			2037	* *	5-10	$35,500	
Metal: Cage/Fence	15%			2037	* *	5-10	$22,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,200	
Roof								
IRMA/Protected Membrane	75%	0-2	$41,900	2029	* *			
Expansion Jnt Failure, Extent : Severe, Area Affected : 10%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Above Boiler Room And Elevator Machine Room								
Metal Panel	3%			2037	* *	10	$7,700	
Traffic Topping	22%	Now	$9,400	2029	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Expansion Joint								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,300	
Ceramic Tile	5%			2033	* *	5	$14,800	
Quarry Tile	5%			2037	* *	5	$22,100	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	75%			2029	* *	3	$110,700	
Wood	5%			2052	* *	5	$27,700	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$12,400	
Concrete Masonry Unit	55%			LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : North Side Of Expansion Joint								
Glass: Single Pane	2%			LIFE	* *	5	$3,700	
Gypsum Board	10%			LIFE	* *	5	$14,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$29,800	

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

DEPARTMENT OF EDUCATION - 040
H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q
Asset # : 13592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	Now	$101,500	2037	* *	5	$125,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 5th Floor Book Room, Third Floor Gym								
Exposed Struc: Steel	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Gypsum Board	7%			LIFE	* *	5	$25,800	
Wood	3%			LIFE	* *	5	$77,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 750 Kva, 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$800	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$700	
Molded Case Bkrs	85%			2040	* *	5	$4,400	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$60,700	

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DEPARTMENT OF EDUCATION - 040

H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q

Asset # : 13592

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	* *	1	$76,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 875 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$44,000	
Fuel Storage								
Day Tank	50%			2040	* *	5	$18,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gals								
Main Tank	50%			2052	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : One 5000 Gals								
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$162,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2029	* *	10	$18,100	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	60%			2029	* *	1		
Exit, LED	40%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$5,800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$22,100	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$50,100	

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

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DEPARTMENT OF EDUCATION - 040

H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q

Asset # : 13592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$4,100	2044	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Oil Piping								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$195,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$14,600	
Terminal Devices								
Air Handler	50%	Now	$10,600	2029	* *	1	$54,900	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Balancing Is Required								
Convector/Radiator	50%			2041	* *	1	$31,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2037	* *	1	$202,800	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse								
Explanation : 2 Units								
Ext Pkg Unit - Cooling	5%			2029	* *	2	$600	
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	* *	4	$14,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	* *	1	$122,000	
Heat Rejection								
Air Condenser Unit	100%	Now	$7,900	2032	* *	2	$109,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 6th Floor Main Roof								
Explanation : Dual Speed System Malfunctioning, Operating Only In High Speed Mode								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,000	
Exhaust Fans								
Interior	95%			2032	* *	2	$5,700	
Roof	5%			2032	* *	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

H. S. FOR LAW ENFORCEMENT AND PUBLIC SAFETY - Q

Asset # : 13592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$45,900	2	$2,900	
HW Heat Exchanger								
High Temp	100%			2050	* *	4	$29,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Penthouse								
Explanation : For Heating								
Sanitary Piping								
Cast Iron	100%	Now	$8,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Gymnasium								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Pool Filter/Treatment								
Sand	100%			2041	* *	4	$73,300	
Backflow Preventer								
Generic	100%			2032	* *	1	$12,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	75%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : 1-6								
Explanation : 3 Passenger Units								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : 1-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$103,100	
Sprinkler								
Generic	100%			2044	* *	1-2	$55,200	
Fire Pump								
Generic	100%			2033	* *	1	$36,800	
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q**		
Address	: **74-20 COMMONWEALTH BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q566**
Program / Asset #	: **BOE1038.000 / 13591**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **272,866**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **7870** **Lot** : **72**	**BIN**	: **4529899**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$301,900	$235,000
Interior Architecture	$153,200	$350,400
Electrical	$245,300	$1,095,500
Mechanical	$35,700	$166,800
Total	**$735,900**	**$1,847,700**
Importance Code A	$301,900	$235,000
Importance Code B	$434,100	$1,522,600
Importance Code C		$90,000
Total	**$735,900**	**$1,847,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$25,400
Interior Architecture	$83,000	$6,100		$45,900
Electrical	$36,600	$28,100	$60,700	$42,900
Mechanical	$129,500	$89,800	$144,700	$109,200
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$258,900**	**$134,000**	**$215,300**	**$233,300**
Importance Code A	$27,000	$27,000	$27,600	$52,400
Importance Code B	$231,900	$106,900	$187,700	$180,800
Importance Code C				
Total	**$258,900**	**$134,000**	**$215,300**	**$233,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q
Asset # : 13591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$187,600	
Pre-Cast Concrete	7%			LIFE	* *	5	$47,400	
Window Wall	3%			2050	* *	5	$23,500	
Windows								
Aluminum	97%			2040	* *	5	$27,400	
Metal Louvers	3%			2033	* *	10	$5,300	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	$32,400	
Pre-Cast Concrete	7%			LIFE	* *	5	$15,400	
Roof								
Fiberglass Panel	10%			2033	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Side								
Explanation : Canopies Along Building Perimeter								
IRMA/Protected Membrane	75%	Now	$245,400	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Kitchen								
Metal Panel	15%			2037	* *	10	$56,400	
Interior								
Floors								
Carpet	5%			2023	$260,700	3	$40,800	
Cast in Place Concrete	12%			LIFE	* *	5	$107,200	
Ceramic Tile	3%			2033	* *	5	$12,300	
Terrazzo	3%			LIFE	* *	5	$9,600	
Vinyl Tile	70%			2029	* *	3	$142,900	
Wood	7%			2052	* *	5	$53,600	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$90,000	
Glass: Single Pane	2%			LIFE	* *	5	$5,200	
Gypsum Board	8%			LIFE	* *	5	$16,600	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$20,400	
AcousTileSusp.Lay-In	75%			2037	* *	5	$306,300	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$25,500	

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DEPARTMENT OF EDUCATION - 040

H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q

Asset # : 13591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 5000 Amperes								
Transformers								
Dry Type	100%			2037	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : (1) 1000 Kva, 480/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$1,200	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$7,200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$200	
Motor Control Center	90%			2037	* *	5	$6,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$84,000	
Generators								
Diesel	100%			2033	* *	1	$105,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Roof								
Explanation : Emergency Generator Rated @ 600 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$60,800	
Fuel Storage								
Day Tank	50%			2040	* *	5	$25,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2052	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q
Asset # : 13591

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$245,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2029	* *	10	$200	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$800	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$8,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$247,700	1	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$847,900	1-3	$50,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$270,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$13,400	
Terminal Devices								
Air Handler	20%			2029	* *	1	$33,800	
Convector/Radiator	80%			2037	* *	1	$70,500	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040
H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q
Asset # : 13591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$126,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units In Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$13,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$168,700	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$190,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$152,200	
Exhaust Fans								
Interior	80%			2029	* *	2	$6,700	
Roof	20%			2029	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$63,500	2	$4,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$16,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : (1) B,1,2,3,4,5 (1) B-6								
Explanation : Two Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$142,700	
Sprinkler								
Generic	100%			2044	* *	1-2	$76,400	

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

DEPARTMENT OF EDUCATION - 040

H. S. FOR TEACHING, LIBERAL ARTS & SCIENCES - Q

Asset # : 13591

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2033	* *	1	$51,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **H. S. OF ARTS & BUSINESS - Q**
Address : **105-25 HORACE HARDING EXP. @ WESTSIDE AVE.**
Borough : **QUEENS**
Agency's Number : **Q456**
Program / Asset # : **BOE0880.000 / 1473**
Yr Built/Renovated : **1973 / 2011**
Area Sq Ft : **98,000**
Project Type : **EDUCATION**
Date of Survey : **12-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1963** **Lot** : **5**
BIN : **4048306**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$136,600	$110,600
Interior Architecture	$137,700	$894,900
Electrical	$913,900	$1,860,100
Mechanical		$35,000
Total	**$1,188,200**	**$2,900,700**
Importance Code A	$136,600	$147,600
Importance Code B	$1,051,600	$2,753,100
Total	**$1,188,200**	**$2,900,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,800	$9,800		
Interior Architecture	$16,300			$16,800
Electrical	$5,300	$17,900	$4,200	$4,200
Mechanical	$6,900	$7,200	$14,800	$7,200
Total	**$46,300**	**$34,900**	**$19,000**	**$28,200**
Importance Code A	$23,000	$15,200	$5,200	$5,200
Importance Code B	$18,800	$19,700	$13,800	$22,900
Importance Code C	$4,500			
Total	**$46,300**	**$34,900**	**$19,000**	**$28,200**

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

DEPARTMENT OF EDUCATION - 040

H. S. OF ARTS & BUSINESS - Q

Asset # : 1473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$17,800	LIFE	* *	5	$15,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Parking Area								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,000	
Masonry: Brick	10%			LIFE	* *	5	$6,300	
Metal Sect. OHD	5%			2028	* *	5	$9,900	
Stucco Cement	70%			2036	* *	5	$110,600	
Windows								
Aluminum	100%			2048	* *	5	$8,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$2,800	
Metal Panel	5%			2043	* *	5	$1,400	
Metal Rail	20%			2036	* *	5-10	$26,500	
Stucco Cement	70%			2036	* *	5	$13,300	
Roof								
Built-Up (BUR)	100%	Now	$136,600	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$51,800	
Vinyl Tile	25%	Now	$100,800	2028	* *	3	$14,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Entrance								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Corridor(s)								
Vinyl Tile	60%			2023	$806,200	3	$47,400	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Parking Area								
Ceramic Tile	5%			2032	* *	5	$9,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,200	
Gypsum Board	25%			LIFE	* *	5	$26,900	
Metal Panel	45%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	40%			2028	* *	5	$73,900	
Exposed Concrete	25%			LIFE	* *	5	$5,800	
Plaster	35%			LIFE	* *	5	$32,300	

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

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

DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS & BUSINESS - Q
Asset # : 1473

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	100%			2023	$172,600	1		
Panelboards								
Molded Case Bkrs	80%			2022	$143,500	5	$2,100	
Molded Case Bkrs	20%			2031	* *	5	$500	
Wiring								
Thermoplastic	100%			2023	$255,500	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	50%			2023	$586,400	10	$48,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	48%			2018	$562,900	10	$46,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2023	$23,500	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$12,700	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$370,100	10	$300	
Alarm								
Security System								
No Component	30%							
Generic	70%			2028	* *	1	$25,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Garage And Outside								
Explanation : CCTV Surveillance Cameras								

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

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

DEPARTMENT OF EDUCATION - 040
H. S. OF ARTS & BUSINESS - Q
Asset # : 1473

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$304,500	1-3	$18,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2028	* *	1	$52,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Rtu's								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2028	* *	2	$4,500	
R-22 Refrigerant, Extent : Light, Area Affected : 70%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 6 Package Units								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,900	
Exhaust Fans								
Interior	30%			2023	$35,000	2	$1,000	
Roof	70%			2028	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%			2021	$16,400	4	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040

H. S. OF ARTS & BUSINESS - Q

Asset # : 1473

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2033	* *	1-2	$8,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **H.S. FOR SPORTS MANAGEMENT - BK**		
Address	: **2865 W. 19TH STREET @ MERMAID AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K728**
Program / Asset #	: **BOE1079.000 / 14425**	**Yr Built/Renovated**	: **1916 / 2010**
Area Sq Ft	: **18,324**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7020** **Lot** : **39**	**BIN**	: **3329331**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$23,300	
Electrical	$320,200	$45,300
Total	**$343,500**	**$45,300**
Importance Code B	$343,500	$45,300
Total	**$343,500**	**$45,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture	$10,000	$3,100	$300	$300
Electrical	$500	$17,300	$300	$300
Mechanical	$1,500	$4,300	$2,000	$1,500
Total	**$12,000**	**$24,700**	**$2,600**	**$2,100**
Importance Code A	$800	$900	$900	$900
Importance Code B	$10,500	$23,800	$1,700	$1,200
Importance Code C	$600			
Total	**$12,000**	**$24,700**	**$2,600**	**$2,100**

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

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2058	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Note: This Is A Leased Building								
Masonry: Brick	90%			LIFE	* *	5		
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5		
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5		
Parapets								
Masonry: Brick	35%			LIFE	* *	5		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
No Component	60%							
Roof								
Built-Up (BUR)	40%			2028	* *	10		
Modified Bitumen	60%			2033	* *	10		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5		$3,000
Ceramic Tile	5%			2032	* *	5		$1,400
Terrazzo	5%	0-2	$6,400	LIFE	* *	5		$1,100
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2028	* *	3		$1,000
Vinyl Tile	10%	Now	$2,300	2018	$23,300	3		$1,000
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	65%			2051	* *	5		$33,400
Interior Walls								
Ceramic Tile	5%			2032	* *	5		$1,300
Plaster	95%			LIFE	* *	5		$7,200

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

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2043	* *	5	$2,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileConcealSpLn	10%			2043	* *	5	$3,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	80%			LIFE	* *	5	$13,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 400 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	
Raceway								
Conduit	100%			2023	$22,200	1		
Panelboards								
Molded Case Bkrs	100%			2022	$29,900	5	$500	
Wiring								
Thermoplastic	100%			2023	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2018	$203,500	10	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$2,500	1		
Exit, Battery	50%			2031	* *	10	$600	
Exterior Lighting								
HID	100%			2018	$69,200	10	$100	
Alarm								

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

DEPARTMENT OF EDUCATION - 040
H.S. FOR SPORTS MANAGEMENT - BK
Asset # : 14425

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2018	$47,400	1-3	$2,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Next To Boiler Room								
Explanation : 1 Tank								
Conversion Equipment								
Hot Water Boiler	100%	Now	$800	2036	* *	1	$8,200	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Ground Floor Boiler Room, Defective Combustion Air Damper								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Boiler Room								
Explanation : 1 Hot Water Boiler								
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	$900	
Terminal Devices								
Convector/Radiator	100%			2028	* *	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2023	$18,800	1		
No Component	50%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$4,300	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Plastic/PVC	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along The Side Of The Building								
Explanation : Newly Installed Gutters And Leaders								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **H.S. OF ECONOMICS AND FINANCE -M**		
Address	: **100 TRINITY PLACE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **LEASE-M833**
Program / Asset #	: **BOE1076.000 / 14422**	**Yr Built/Renovated**	: **1957 /**
Area Sq Ft	: **60,732**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,11,p**		
Block	: **52** **Lot** : **1**	**BIN**	: **1001037**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$454,200	
Electrical	$818,000	$801,100
Mechanical		$644,000
Total	**$1,272,200**	**$1,445,100**
Importance Code A		$37,000
Importance Code B	$1,216,100	$1,408,100
Importance Code C	$56,200	
Total	**$1,272,200**	**$1,445,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,800			
Interior Architecture	$81,900			$14,200
Electrical	$1,800	$69,100	$2,000	$1,700
Mechanical	$62,800	$23,200	$34,600	$15,200
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$174,100**	**$108,100**	**$52,400**	**$46,900**
Importance Code A	$13,700	$400	$300	$300
Importance Code B	$135,000	$107,600	$52,100	$46,600
Importance Code C	$25,400			
Total	**$174,100**	**$108,100**	**$52,400**	**$46,900**

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

DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5		
Concrete Masonry Unit	5%			LIFE	* *	5		
Masonry: Brick	80%			LIFE	* *	5		
Metal/Glass Curt Wall	5%			LIFE	* *	5		
Metal Panel	5%			2043	* *	5-10		
Windows								
Aluminum	100%	Now	$11,800	2039	* *	5	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Carpet	10%	Now	$5,800	2022	$116,000	3	$13,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$4,400	2032	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	45%	Now	$34,800	2018	$347,800	3	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	40%	Now	$15,500	2028	* *	3	$13,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$9,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$4,100	2032	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	85%	Now	$56,200	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$11,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	$16,500	2036	* *	5	$20,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$5,700	
Plaster	50%	Now	$29,800	LIFE	* *	5	$28,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	$88,000	5	$200	
Molded Case Bkrs	40%			2023	$58,600	5	$600	
Raceway								
Conduit	90%			2023	$111,500	1		
Tray	10%			2021	$12,400	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$100	
Molded Case Bkrs	90%			2022	$121,100	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$52,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2023	$121,700	1		
Motor Controllers								
Locally Mounted	10%			2021	$7,600	5		
Motor Control Center	90%			2021	$263,300	5	$1,500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	66%			2018	$445,200	10	$36,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2028	* *	10	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	10%			2028	* *	10	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Lobby								
Explanation : T-5 Lamps								
HID	2%			2018	$9,700	10		
Incandescent	2%			2018	$13,500	2		
Egress Lighting								
Emergency, Service	10%			2028	* *	1		
Emergency, Battery	40%			2018	$32,800	10	$5,900	
Exit, LED	5%			2051	* *	1		
Exit, Service	15%			2028	* *	1		
Exit, Service	30%			2018	$4,900	1		
Exterior Lighting								
HID	50%			2018	$114,700	10	$100	
Incandescent	50%			2018	$97,300	2		
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$55,100	2033	* *	1	$6,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$11,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Conversion Equipment								
Heat Exchanger	10%			2026	$1,300	1	$3,000	
Pres. Reducing Valve/LP Steam	90%			2032	* *	5	$3,200	

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

DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	10%			2039	* *	4	$300	
Steam Piping/Pump	90%			2033	* *	4	$4,000	
Terminal Devices								
Air Handler	88%			2023	$288,200	1	$33,100	
Convector/Radiator	10%			2028	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors Except The 7th								
Explanation : Hydronic Loop								
Fan Coil Unit/Heat	2%			2028	* *	1	$400	
Air Conditioning								
Energy Source								
Electricity	5%			2031	* *	1		
Steam/HW System	95%			2043	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	95%			2026	$190,200	1	$62,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One Unit Uses Lithium Bromide And Water As Refrigerant								
Int Pkg Unit - Cooling	3%			2017	$23,500	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement - Supplies Gym								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 2 Units								
Ext Pkg Unit - Cooling	2%			2028	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Glycol Unit								
Distribution								
Chilled Wtr Pipe/Pump	95%			2033	* *	4	$4,300	
No Component	5%							
Terminal Devices								
Air Handler/Cool/Ht	95%			2028	* *	1	$35,700	
No Component	5%							
Heat Rejection								
Water Cool Tower	95%	Now	$16,600	2021	$165,600	2	$46,500	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Cooling Tower, Roof								
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,900	

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

DEPARTMENT OF EDUCATION - 040
H.S. OF ECONOMICS AND FINANCE -M
Asset # : 14422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	5%	Now		2023	$2,400	2	$100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof, Exhaust Fan								
Explanation : Enclosure Leaks Water Into The Duct								
No Component	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Fan Rooms Throughout								
Explanation : Ventilation Is Carried Out Through Air Handlers								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2028	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Gravity Tank Supplied By Booster Pump System And Used For Sprinkler Service								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$3,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Travels From Basement: 10th Floor,3 Units Travel From 1st: 10th Floor And One Side Walk Unit Goes Basement: 1st Floor Condemned								
Explanation : 4 Units Plus Side Walk Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$30,600	
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$900	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **H.S. OF FASHION INDUSTRIES - M**		
Address	: **225 W. 24 STREET BTWN: 7 AVE., 8 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M600**
Program / Asset #	: **BOE0142.000 / 1632**	**Yr Built/Renovated**	: **1940 / 2014**
Area Sq Ft	: **302,400**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,5,7,9,11,ph**		
Block	: **774** **Lot** : **19**	**BIN**	: **1014174**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$182,500	$326,300
Interior Architecture	$2,867,100	$482,700
Electrical	$545,800	$5,203,600
Mechanical	$554,500	$2,287,900
Total	**$4,149,900**	**$8,300,500**
Importance Code A	$182,500	$326,300
Importance Code B	$3,721,500	$7,840,100
Importance Code C	$245,900	$134,100
Total	**$4,149,900**	**$8,300,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,600			
Interior Architecture	$40,000		$15,700	$16,700
Electrical	$37,500	$7,400	$3,400	$4,200
Mechanical	$76,200	$35,500	$48,400	$37,200
Elevators/Escalators	$71,100	$71,100	$71,100	$71,100
Total	**$272,300**	**$113,900**	**$138,600**	**$129,100**
Importance Code A	$48,200			$8,800
Importance Code B	$201,500	$113,900	$131,800	$120,300
Importance Code C	$22,600		$6,800	
Total	**$272,300**	**$113,900**	**$138,600**	**$129,100**

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

DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$365,000	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$6,200	
Masonry: Limestone	10%			LIFE	* *	5	$31,100	
Windows								
Aluminum	100%			2051	* *	5	$82,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Copper/Terne	2%			2046	* *	5	$600	
Masonry: Brick	73%			LIFE	* *	5-10	$30,000	
Masonry: Limestone	5%			LIFE	* *	5-10	$3,700	
Metal Security Bars	20%			2061	* *			
Roof								
Modified Bitumen	35%			2034	* *	10	$24,700	
Panel/Paver: Cer/Brk	65%			2056	* *	10	$61,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Lower Roofs								
Interior								
Floors								
Asphalt Poured	3%			2024	$18,300	5	$6,700	
Cast in Place Concrete	10%			LIFE	* *	5	$195,000	
Mosaic Tile	5%			2031	* *	5	$55,700	
Quarry Tile	2%			2031	* *	5	$13,400	
Terrazzo	5%			LIFE	* *	5	$34,800	
Vinyl Tile	10%			2034	* *	3	$16,700	
Vinyl Tile 9" X 9"	30%	Now	$1,473,300	2036	* *	3	$50,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	20%	Now	$588,200	2041	* *	5	$83,600	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Various Classrooms On Every Floor								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms Throughout								
Wood	15%			2054	* *	5	$125,400	
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$13,600	
Masonry: Brick	10%			LIFE	* *	10	$13,500	
Marble Panels	5%			LIFE	* *	10	$9,000	
Plaster	59%			LIFE	* *	5-10	$226,500	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$45,200	
Wood	3%			LIFE	* *	5	$108,400	

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

DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	3%			2031	* *	5	$11,300	
Exposed Concrete	70%			LIFE	* *	5-10	$329,500	
Plaster	27%			LIFE	* *	5-10	$174,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$1,300	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	$8,000	
Raceway								
Conduit	70%			2026	$404,600	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$300	
Fused Toggle Switch	5%	2-4	$23,900	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : 7th Floor								
Molded Case Bkrs	20%			2025	$95,700	5	$1,600	
Molded Case Bkrs	70%			2048	* *	5	$5,600	
Wiring								
Braided Cloth	70%	2-4	$545,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2052	* *	1		
Thermoplastic	10%			2026	$78,000	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$4,400	
Generic	50%			LIFE	* *	5	$4,400	
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$254,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$13,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$47,600	10	$200	

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

DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$36,000	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$1,142,100	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$33,900	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$3,132,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2036	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2035	* *	5	$17,700	
Distribution								
Steam Piping/Pump	100%	Now	$416,000	2036	* *	4	$14,700	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Pipes, Condensate Tank, Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	40%			2026	$642,400	1	$73,700	
Convector/Radiator	60%			2031	* *	1	$57,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$367,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$263,000	
Exhaust Fans								
Roof	100%			2026	$236,800	2	$9,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$889,600	1		

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

DEPARTMENT OF EDUCATION - 040
H.S. OF FASHION INDUSTRIES - M
Asset # : 1632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	Now	$27,700	2036	* *	4	$29,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Large Tanks, One Out Of Service And Bypassed / 1 Small Tank Serves Kitchen								
Sanitary Piping								
Cast Iron	100%	Now	$64,700	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 - B To 9 / 4 - 1 To 9								
Explanation : 6 Units								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$150,200	
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$16,700	
Fire Pump								
Generic	100%			2035	* *	1	$55,600	

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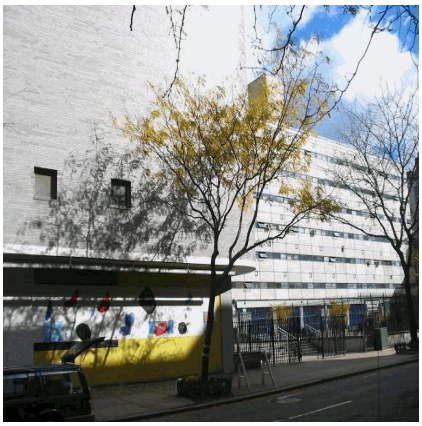
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **H.S. OF GRAPHIC COMMUN. ART - M**
Address : **439 W. 49 ST @9TH - 10TH AVES**
Borough : **MANHATTAN**
Agency's Number : **M625**
Program / Asset # : **BOE0145.000 / 540**
Yr Built/Renovated : **1958 / 2012**
Area Sq Ft : **254,500**
Project Type : **EDUCATION**
Date of Survey : **22-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,7**
Block : **1059** **Lot** : **15** **BIN** : **1026646**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$263,200	$499,000
Interior Architecture	$836,800	$1,834,600
Electrical	$512,400	$2,656,500
Mechanical	$596,800	$1,035,400
Total	**$2,209,100**	**$6,025,500**
Importance Code A	$263,200	$583,100
Importance Code B	$1,945,900	$5,386,600
Importance Code C		$55,900
Total	**$2,209,100**	**$6,025,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,600		$14,100	
Interior Architecture		$33,300	$10,300	
Electrical	$39,900	$8,800	$8,900	$5,800
Mechanical	$58,100	$67,300	$92,300	$58,900
Elevators/Escalators	$47,200	$47,200	$47,200	$47,200
Total	**$177,800**	**$156,700**	**$172,800**	**$111,900**
Importance Code A	$59,800	$27,200	$41,800	$27,200
Importance Code B	$118,100	$129,600	$131,000	$84,800
Importance Code C				
Total	**$177,800**	**$156,700**	**$172,800**	**$111,900**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Fiberglass Panel	60%			2033	* *	5	$526,300	
Masonry: Brick	30%			LIFE	* *	5	$70,200	
Masonry: Granite	5%			LIFE	* *	5	$8,800	
Mosaic Tile	5%			2044	* *	10	$36,600	
Windows								
Aluminum	100%			2049	* *	5	$28,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2041	* *	5-10	$129,100	
Roof								
Built-Up (BUR)	98%	Now	$32,600	2032	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Skylight, Metal/Glass	2%			2054	* *	10	$9,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$89,800	
Ceramic Tile	5%			2033	* *	5	$20,500	
Terrazzo	10%			LIFE	* *	5	$32,100	
Vinyl Tile	20%			2024	$697,900	3	$30,800	
Vinyl Tile	20%			2019	$697,900	3	$30,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	25%			2024	$872,300	3	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Wood	10%			2059	* *	5	$76,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$55,900	
Glass Block	30%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$14,000	
SGFT/Glazed Masonry	20%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2037	* *	5	$76,700	
AcousTileConcealSpLn	10%	Now	$62,100	2029	* *	5	$24,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Exposed Concrete	70%			LIFE	* *	5	$42,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2500 Amps Main Disconect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2034	* *	5	$100	
Molded Case Bkrs	10%			2050	* *	5	$700	
Molded Case Bkrs	80%			2024	$391,000	5	$5,400	
Raceway								
Conduit	70%			2024	$404,600	1		
Conduit	20%			2034	* *	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Knife Sw	15%	2-4	$71,800	2049	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	5%	2-4	$23,900	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Auditorium And Boiler Room								
Molded Case Bkrs	65%			2023	$310,900	5	$4,400	
Molded Case Bkrs	10%			2032	* *	5	$700	
Molded Case Bkrs	5%			2046	* *	5	$300	
Wiring								
Braided Cloth	45%	2-4	$350,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$233,900	1		
Thermoplastic	20%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	75%			2022	$172,700	5	$1,300	
Locally Mounted	20%	2-4	$46,000	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	5%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$246,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2019	$43,800	10	$200	
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$33,100	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$154,000	1	$19,000	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2024	$659,000	1-3	$39,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$84,900	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$271,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$95,700	2034	* *	4	$13,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2024	$591,300	1	$67,800	
Convector/Radiator	60%			2029	* *	1	$53,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2022	$176,600	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units								
Ext Pkg Unit - Cooling	10%			2032	* *	2	$1,700	
Window/Wall Unit	75%			2019	$422,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$152,900	
Exhaust Fans								
Interior	40%			2024	$121,200	2	$3,400	
Roof	10%			2024	$21,800	2	$800	
No Component	50%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$40,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$16,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-7								
Explanation : 1 Units								

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DEPARTMENT OF EDUCATION - 040
H.S. OF GRAPHIC COMMUN. ART - M
Asset # : 540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-7								
Explanation : 12 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$143,400	
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$3,800	
Fire Pump								
Generic	100%			2033	* *	1	$51,200	
Chemical System								
Wet	20%			2019	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								
No Component	80%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **HARRY S. TRUMAN HIGH SCHOOL - BX**
Address : **750 BAYCHESTER AVE. BTWN: BARTOW AVE., DONIZETTI PL.**
Borough : **BRONX** | **Agency's Number** : **X455**
Program / Asset # : **BOE0330.000 / 348** | **Yr Built/Renovated** : **1973 / 2015**
Area Sq Ft : **528,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,7**
Block : **5141** **Lot** : **150** | **BIN** : **2097470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,366,800	$1,433,800
Interior Architecture	$1,861,500	$864,600
Electrical	$135,600	$9,970,600
Mechanical	$1,213,100	$4,386,000
Total	**$4,577,000**	**$16,654,900**
Importance Code A	$1,366,800	$1,433,800
Importance Code B	$2,714,700	$14,930,900
Importance Code C	$495,500	$290,300
Total	**$4,577,000**	**$16,654,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,400		$16,300	
Interior Architecture	$86,500			$103,200
Electrical	$46,700	$38,200	$45,000	$39,500
Mechanical	$177,300	$173,900	$290,500	$191,600
Elevators/Escalators	$48,400	$48,400	$48,400	$48,400
Total	**$392,200**	**$260,500**	**$400,100**	**$382,700**
Importance Code A	$61,500	$28,100	$44,400	$28,100
Importance Code B	$285,800	$232,400	$355,800	$354,500
Importance Code C	$44,900			
Total	**$392,200**	**$260,500**	**$400,100**	**$382,700**

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$339,700	
Metal Panel	5%			2046	* *	5-10	$166,800	
Pre-Cast Concrete	60%			LIFE	* *	5	$1,892,800	
Windows								
Aluminum	98%			2042	* *	5	$57,500	
Metal Louvers	2%			2035	* *	10	$7,300	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$50,700	
Metal Panel	35%			2046	* *	5	$20,100	
Metal Rail	10%			2039	* *	5-10	$26,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,300	
Roof								
Built-Up (BUR)	50%			2031	* *	10	$150,700	
Cast in Place Concrete	50%	Now	$207,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Terrace Over First Floor								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$260,700	
Ceramic Tile	5%			2035	* *	5	$42,600	
Ceramic Tile	3%			2035	* *	5	$25,500	
Sheet Vinyl/Rubber	5%			2031	* *	5	$63,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$66,500	
Vinyl Tile	65%	0-2	$470,500	2031	* *	3	$207,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	10%			2054	* *	5	$159,600	
Interior Walls								
Concrete Masonry Unit	27%			LIFE	* *	5	$208,600	
Folding Partition	3%			2034	* *	5	$72,400	
Masonry: Brick	8%			LIFE	* *	10	$23,200	
Metal Panel	5%			LIFE	* *	10	$21,700	
Plaster	25%			LIFE	* *	5-10	$205,300	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$144,900	
Wood	2%			LIFE	* *	5	$154,500	

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	0-2	$257,500	2039	* *	5	$99,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First And Second Floors								
AcousTileSusp.Lay-In	27%			2031	* *	5	$214,900	
Exposed Concrete	40%			LIFE	* *	5-10	$397,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$79,600	
Fiber Board	8%	Now	$8,300	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Basement Corridor(s)								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Basement Corridor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4 Main Switches @ 6000 Amps Each - Also Providing Service To Other Nearby Schools								
Transformers								
Dry Type	100%			2031	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Total 20 Plus & 120 Kva								
Switchgear / Switchboard								
Fused Disc Sw	50%			2036	* *	5	$1,100	
Fused Disc Sw	50%			2026	$366,500	5	$1,100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	30%			2034	* *	5	$4,200	
Molded Case Bkrs	30%			2042	* *	5	$4,200	
Molded Case Bkrs	40%			2025	$293,000	5	$5,600	
Wiring								
Thermoplastic	70%			2026	$818,700	1		
Thermoplastic	30%			2036	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$69,100	5	$700	
Motor Control Center	80%			2039	* *	5	$11,500	
Ground								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$162,400	
Generators								
Diesel	100%			2029	* *	1	$204,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 2 Onan Generators @ 400 Kw Each								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$117,700	
Fuel Storage								
Main Tank	100%			2041	* *	5	$16,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 4000 Gals								
Lighting								
Interior Lighting								
Fluorescent	85%			2026	$5,370,600	10	$443,400	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	10%			2026	$454,000	10	$1,800	
Damaged Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Explanation : Mercury								
Incandescent	5%			2021	$315,900	2	$600	
Egress Lighting								
Emergency, Service	50%			2021	$139,900	1		
Exit, Service	50%	2-4	$76,700	2036	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Under Construction	20%							
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$1,640,600			

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Provided From Nearby Co Op City - Housing Development								
Conversion Equipment								
Heat Exchanger	100%			2029	* *	1	$281,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$57,100	2034	* *	4	$28,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : East Side Circulating Pipe On The 3rd Floor								
Terminal Devices								
Air Handler	50%	0-2	$920,100	2031	* *	1	$158,300	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : 60% Of Air Handlers Not Operating								
Convector/Radiator	30%			2031	* *	1	$55,100	
Fan Coil Unit/Heat	20%			2026	$1,703,400	1	$36,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	75%			2029	* *	1	$461,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Refrigerant Type- R123								
Int Pkg Unit - Cooling	10%			2024	$732,600	2	$3,500	
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	75%			2046	* *	4	$31,500	
No Component	25%							
Terminal Devices								
Air Handler/Cool/Ht	75%			2031	* *	1	$263,800	
No Component	25%							
Heat Rejection								
Air Condenser Unit	10%			2026	$96,600	2	$39,600	
Water Cool Tower	75%	0-2	$52,000	2024	$1,040,900	2	$343,500	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Units Are Damaged And Leaking, Roof								
No Component	15%							
Dehumidifier								
Generic	100%	0-2	$42,800	2031	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Roof								
Explanation : Not Working								

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DEPARTMENT OF EDUCATION - 040
HARRY S. TRUMAN HIGH SCHOOL - BX
Asset # : 348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$502,200	
Exhaust Fans								
Interior	40%			2026	$251,500	2	$7,000	
Roof	60%			2026	$271,300	2	$10,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$56,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2031	* *	4		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (6) B-7 (1) S B - 7								
Explanation : 7 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$286,800	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$8,000	
Fire Pump								
Generic	100%			2029	* *	1	$106,200	
Chemical System								
No Component	80%							
Generic	20%			2021	$5,200	1-3	$11,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **HEALTH PROFESSIONS HIGH SCHOOL-M**		
Address	: **345 E. 15 ST. NEAR SECOND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M420**
Program / Asset #	: **BOE0129.000 / 1622**	**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **177,869**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,5**		
Block	: **922** **Lot** : **8**	**BIN**	: **1020419**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$451,700	$137,300
Interior Architecture	$1,932,800	$333,200
Electrical	$311,900	$3,210,200
Mechanical	$116,900	$1,784,700
Total	**$2,813,300**	**$5,465,500**
Importance Code A	$451,700	$247,700
Importance Code B	$1,796,900	$5,075,800
Importance Code C	$564,700	$142,100
Total	**$2,813,300**	**$5,465,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,300	$2,000		
Interior Architecture	$20,000		$5,000	$10,000
Electrical	$1,700	$1,700	$2,800	$4,300
Mechanical	$48,400	$7,000	$22,800	$7,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$124,200**	**$20,500**	**$40,400**	**$31,100**
Importance Code A	$44,300	$2,000	$400	
Importance Code B	$79,900	$18,500	$40,000	$31,100
Importance Code C				
Total	**$124,200**	**$20,500**	**$40,400**	**$31,100**

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

DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$153,500	LIFE	* *	5	$101,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$21,800	
Stucco Cement	10%			2036	* *	5	$36,300	
Windows								
Aluminum	100%	Now	$298,200	2039	* *	5	$35,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,200	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Exterior Face								
Metal Panel	10%			2033	* *	5	$4,000	
Roof								
Built-Up (BUR)	86%	Now	$9,300	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *			
Metal Panel	5%			2036	* *	10	$10,900	
Skylight, Metal/Glass	1%	Now	$35,000	2033	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Stair And Auditorium								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Over Stair And Auditorium								
Skylight, Plastic	3%			2036	* *	1		
Interior								
Floors								
Ceramic Tile	15%			2032	* *	5	$39,900	
Mosaic Tile	10%	Now	$159,300	2028	* *	5	$33,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	15%			2028	* *	3	$15,000	
Vinyl Tile	30%	Now	$203,700	2018	$679,100	3	$29,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	30%			2038	* *	5	$149,800	

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

DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Gypsum Board	5%			LIFE	* *	5	$18,900	
Masonry: Brick	15%	Now	$184,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	75%	0-2	$380,000	LIFE	* *	5	$142,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	15%	Now	$129,000	2028	* *	5	$24,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$4,200	
Masonry: Infill Arch	5%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At Vault								
Explanation : Corroded Steel Members								
Plaster	70%	Now	$122,100	LIFE	* *	5	$116,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$800	
Raceway								
Conduit	90%			2023	$260,100	1		
Conduit	10%			2049	* *	1		
Panelboards								
Molded Case Bkrs	95%			2045	* *	5	$4,400	
Molded Case Bkrs	5%			2045	* *	5	$200	

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

DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$311,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2049	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$600	
Locally Mounted	50%			2040	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$1,975,800	10	$163,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T12 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$24,000	1		
Exit, Battery	50%			2023	$81,900	10	$6,000	
Exterior Lighting								
HID	100%			2023	$671,800	10	$500	
Alarm								
Security System								
No Component	90%							
Generic	10%			2031	* *	1	$6,600	
Fire/Smoke Detection								
No Component	90%							
Generic	10%			2031	* *	1-3	$11,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2033	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2026	$110,300	5	$10,600	

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

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

DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$62,100	2023	$1,241,900	4	$8,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Lobby Ceiling								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Condensate Pump								
Terminal Devices								
Air Handler	20%	Now	$9,600	2023	$191,800	1	$19,800	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Basement, Fan Room								
Convector/Radiator	80%			2028	* *	1	$46,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$54,800	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,200	
Exhaust Fans								
Roof	100%	Now	$7,100	2023	$141,400	2	$4,400	
Broken, Extent : Severe, Area Affected : 5%								
Location : Roof								
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%	Now	$21,200	2028	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Basement, Malfunctioning								
HW Heat Exchanger								
Low Temp	100%	0-2	$5,500	2023	$55,200	4	$17,600	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

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

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

DEPARTMENT OF EDUCATION - 040
HEALTH PROFESSIONS HIGH SCHOOL-M
Asset # : 1622

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From 1st : 5th Floor, One Unit From Basement : 5th Floor								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **HERBERT H. LEHMAN H.S. - BX**
Address : **3000 E. TREMONT AVENUE @HUTCHINSON RIVER PKWY.**
Borough : **BRONX** | **Agency's Number** : **X405**
Program / Asset # : **BOE0320.000 / 364** | **Yr Built/Renovated** : **1972 / 2011**
Area Sq Ft : **418,300** | **Project Type** : **EDUCATION**
Date of Survey : **15-Sep-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5368** **Lot** : **1** | **BIN** : **2074045**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$91,500	$2,089,600
Interior Architecture	$2,882,400	$462,900
Electrical	$2,228,000	$7,965,600
Mechanical	$879,300	$3,223,800
Total	**$6,081,200**	**$13,741,800**
Importance Code A	$91,500	$2,215,600
Importance Code B	$5,989,700	$11,463,900
Importance Code C		$62,300
Total	**$6,081,200**	**$13,741,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$12,200	$21,000	
Interior Architecture	$26,400	$14,900	$55,900	
Electrical	$49,600	$55,100	$39,000	$37,000
Mechanical	$116,200	$88,600	$159,100	$88,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$200,100**	**$178,700**	**$282,900**	**$133,400**
Importance Code A	$41,400	$54,500	$62,400	$41,400
Importance Code B	$147,200	$124,200	$220,400	$92,000
Importance Code C	$11,500			
Total	**$200,100**	**$178,700**	**$282,900**	**$133,400**

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

DEPARTMENT OF EDUCATION - 040
HERBERT H. LEHMAN H.S. - BX
Asset # : 364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	95%			LIFE	* *	5	$1,746,300	
Metal Coiling Doors	5%			2036	* *	5	$57,400	
Windows								
Aluminum	95%			2039	* *	5	$42,000	
Under Construction	5%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Stairs								
Explanation : Windows Being Replaced.								
Parapets								
Cast in Place Concrete	75%			LIFE	* *	5	$172,500	
Metal: Cage/Fence	25%			2036	* *	5-10	$43,100	
Roof								
IRMA/Protected Membrane	50%			2033	* *	10	$122,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2028	* *	10	$12,200	
Paver: Asphalt	25%			2038	* *	10	$91,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Terrace								
Single Ply Membrane	20%			2033	* *	10	$48,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$65,200	
Ceramic Tile	5%			2032	* *	5	$29,800	
Terrazzo	5%			LIFE	* *	5	$23,300	
Vinyl Tile	75%			2028	* *	3	$167,700	
Wood	10%	Now	$393,300	2051	* *	5	$55,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	$23,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$18,400	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$62,300	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

DEPARTMENT OF EDUCATION - 040

HERBERT H. LEHMAN H.S. - BX

Asset # : 364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$29,800	
Exposed Concrete	60%			LIFE	* *	5	$55,900	
Metal Panel	25%	Now	$2,489,100	LIFE	* *	5	$186,300	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Plaster	10%			LIFE	* *	5	$37,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$126,100	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Rated At 5000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$586,500	5	$1,400	
Fused Disc Sw	20%			2033	* *	5	$400	
Raceway								
Conduit	90%			2023	$780,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$73,200	5	$1,000	
Fused Disc Sw	5%			2031	* *	5	$500	
Molded Case Bkrs	10%			2039	* *	5	$1,100	
Molded Case Bkrs	20%			2031	* *	5	$2,200	
Molded Case Bkrs	55%			2022	$402,900	5	$6,100	
Wiring								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Thermoplastic	70%			2023	$818,700	1		
Motor Controllers								
Locally Mounted	80%			2021	$276,300	5	$2,300	
Locally Mounted	20%			2028	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								

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

DEPARTMENT OF EDUCATION - 040

HERBERT H. LEHMAN H.S. - BX

Asset # : 364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$128,700	
Generators								
Natural Gas	100%			2026	$121,400	1	$162,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 208 Kva								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$15,500	
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$4,181,800	10	$345,300	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-12 10% & T-8 90%								
HID	5%			2018	$166,900	10	$700	
Incandescent	5%			2018	$232,300	2	$500	
Egress Lighting								
Exit, Service	50%			2018	$56,400	1		
Exit, Battery	50%			2018	$192,500	10	$14,100	
Exterior Lighting								
HID	100%			2018	$1,579,800	10	$1,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$253,100	1	$31,300	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$51,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$129,600	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$414,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$58,400	2033	* *	4	$20,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								

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

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

DEPARTMENT OF EDUCATION - 040

HERBERT H. LEHMAN H.S. - BX

Asset # : 364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2023	$902,200	1	$103,500	
Convector/Radiator	60%			2028	* *	1	$81,100	
Air Conditioning								
Energy Source								
Electricity	60%			2039	* *	1		
Steam/HW System	40%			2043	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	40%			2026	$551,700	1	$181,100	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : A C Room								
Window/Wall Unit	60%			2018	$516,000	1		
Distribution								
Chilled Wtr Pipe/Pump	40%			2033	* *	4	$12,400	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2023	$710,700	1	$103,500	
No Component	60%							
Heat Rejection								
Water Cool Tower	40%	Now	$240,100	2024	$480,300	2	$134,700	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Roof								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$233,300	
Exhaust Fans								
Interior	60%			2023	$277,400	2	$7,700	
Roof	40%			2023	$133,000	2	$5,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$62,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							

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

DEPARTMENT OF EDUCATION - 040

HERBERT H. LEHMAN H.S. - BX

Asset # : 364

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$3,500	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **HILLCREST HIGH SCHOOL - Q**		
Address	: **160-05 HIGHLAND AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q505**
Program / Asset #	: **BOE0888.000 / 1480**	**Yr Built/Renovated**	: **1971 / 2009**
Area Sq Ft	: **343,884**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **9774** **Lot** : **1**	**BIN**	: **4448767**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$156,000	$559,500
Interior Architecture	$3,679,300	$742,200
Electrical	$159,800	$8,077,200
Mechanical	$260,500	$4,713,400
Total	**$4,255,600**	**$14,092,300**
Importance Code A	$156,000	$2,317,600
Importance Code B	$3,984,100	$11,317,300
Importance Code C	$115,500	$457,300
Total	**$4,255,600**	**$14,092,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$29,600	$7,400	$35,600
Interior Architecture	$7,700	$86,200	$29,000	
Electrical	$41,000	$64,000	$34,000	$35,500
Mechanical	$112,400	$90,100	$137,900	$71,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$169,000**	**$277,800**	**$216,200**	**$150,800**
Importance Code A	$34,100	$64,400	$41,500	$69,700
Importance Code B	$135,000	$213,400	$174,700	$81,100
Importance Code C				
Total	**$169,000**	**$277,800**	**$216,200**	**$150,800**

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

DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$54,600	
Masonry: Brick	10%	Now	$65,900	LIFE	* *	5	$21,800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 280a, B, C, D, Exits 11 And 12, Boiler Room To Ps 86								
Masonry: Brick	5%			LIFE	* *	5	$10,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Metal Coiling Doors	2%			2036	* *	5	$13,700	
Pre-Cast Concrete	58%			LIFE	* *	5	$411,800	
Windows								
Aluminum	100%			2045	* *	5	$50,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$4,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	20%			2049	* *	5	$14,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Coping And Interior Face								
Metal Rail	5%			2040	* *	5-10	$17,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$60,400	
Roof								
Built-Up (BUR)	83%	Now	$90,100	2031	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridor Near Elevator								
Copper/Terne	5%			2058	* *	10	$29,600	
Modified Bitumen	12%			2031	* *	10	$28,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$112,600	
Ceramic Tile	3%			2032	* *	5	$15,400	
Panel/Paver: Cer/Brk	5%			2039	* *	5	$57,900	
Vinyl Tile	80%			2018	$3,501,200	3	$154,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	2%			2058	* *	5	$19,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	25%			2032	* *	5	$231,000	
Concrete Masonry Unit	8%			LIFE	* *	5	$29,600	
Folding Partition	5%			2031	* *	5	$115,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$152,400	
Wood	2%			LIFE	* *	5	$73,900	
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$50,100	
AcousTileConcealSpLn	20%			2040	* *	5	$125,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria Gymnasium								
Exposed Concrete	60%			LIFE	* *	5	$47,000	
Metal Panel	10%			LIFE	* *	5	$62,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridor Near Elevator								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 6000 Amperes. Evidence Of Water Leaks Thru The Wallls								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$488,700	5	$1,500	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		

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

DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2022	$71,800	5	$1,200	
Fused Disc Sw	5%			2039	* *	5	$400	
Molded Case Bkrs	5%			2039	* *	5	$500	
Molded Case Bkrs	75%			2022	$358,800	5	$6,800	
Wiring								
Thermoplastic	90%			2023	$701,700	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$138,100	5	$1,400	
Locally Mounted	5%			2036	* *	5	$100	
Locally Mounted	35%			2028	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$105,800	
Generators								
Natural Gas	100%			2019	$121,400	1	$133,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Onan Generator Rated @ 25 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$76,600	
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$3,437,900	10	$283,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-8 Lamps								
Fluorescent	8%			2023	$305,600	10	$25,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
HID	1%			2018	$27,400	10	$100	
Incandescent	1%			2023	$38,200	2	$100	
Egress Lighting								
Emergency, Battery	30%			2023	$139,200	10	$24,900	
Exit, Service	70%			2023	$64,900	1		
Exterior Lighting								
HID	100%			2028	* *	10	$1,100	
Alarm								

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DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$312,100	1	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$1,068,500	1-3	$65,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$847,000	5	$106,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Per Custodian, Oil Will Be Switched To #4 In 3 Months								
Conversion Equipment								
Steam Boiler	100%			2021	$1,674,100	1	$340,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$120,100	2033	* *	4	$16,900	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Return Lines, Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Terminal Devices								
Air Handler	25%	Now	$23,200	2023	$463,600	1	$47,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Heating Coils, Various Locations								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control, Various Locations								
Convector/Radiator	65%	Now	$42,200	2028	* *	1	$65,000	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Thermostats, Various Locations								
Fan Coil Unit/Heat	10%			2023	$514,900	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	10%			2031	* *	1		
Steam/HW System	25%			2033	* *	1		
No Component	65%							

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

DEPARTMENT OF EDUCATION - 040
HILLCREST HIGH SCHOOL - Q
Asset # : 1480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	25%			2026	$283,400	1	$93,000	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Basement								
Window/Wall Unit	10%			2021	$70,700	1		
No Component	65%							
Distribution								
Chilled Wtr Pipe/Pump	25%			2023	$147,100	4	$4,200	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2023	$127,800	1	$53,200	
No Component	75%							
Heat Rejection								
Water Cool Tower	25%			2027	* *	2	$86,500	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$191,800	
Exhaust Fans								
Interior	20%			2023	$76,000	2	$2,100	
Roof	80%			2023	$218,700	2	$8,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$106,700	4	$34,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$9,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : At Loading Dock								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2028	* *	1	$21,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								

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

DEPARTMENT OF EDUCATION - 040

HILLCREST HIGH SCHOOL - Q

Asset # : 1480

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$173,400	
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$14,400	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **HS FOR CONSTRUCTION TRADES , ENG. & ARCH. - Q**
Address : **94-06 104TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE1049.000 / 14262**
Area Sq Ft : **157,711**
Date of Survey : **13-Sep-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **9381** **Lot** : **44**

Agency's Number : **Q650**
Yr Built/Renovated : **2006 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4438609**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$317,800	$268,100
Interior Architecture	$88,500	$320,400
Electrical		$144,600
Mechanical		$75,800
Total	**$406,400**	**$808,900**
Importance Code A	$317,800	$268,100
Importance Code B	$88,500	$456,500
Importance Code C		$84,300
Total	**$406,400**	**$808,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$15,700	$15,100
Interior Architecture	$59,300			$22,100
Electrical	$16,300	$15,400	$22,100	$16,900
Mechanical	$18,400	$18,100	$29,800	$18,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$105,700**	**$45,300**	**$79,400**	**$84,100**
Importance Code A	$7,800	$7,800	$23,500	$23,300
Importance Code B	$66,700	$37,500	$55,900	$60,800
Importance Code C	$31,200			
Total	**$105,700**	**$45,300**	**$79,400**	**$84,100**

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

DEPARTMENT OF EDUCATION - 040
HS FOR CONSTRUCTION TRADES , ENG. & ARCH. - Q
Asset # : 14262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$76,800	LIFE	* *	5	$136,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Foundation Wall In Boiler Room								
Masonry: Brick	50%			LIFE	* *	5	$68,100	
Metal Panel	25%			2050	* *	5-10	$234,100	
Window Wall	5%			2050	* *	5	$25,500	
Windows								
Aluminum	75%			2046	* *	5	$15,100	
Glass Block	25%			LIFE	* *	5	$3,100	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$14,700	
Masonry: Brick	30%			LIFE	* *	5	$1,200	
Metal Panel	30%			2050	* *	5	$4,700	
Metal Rail	5%			2041	* *	5-10	$3,700	
Roof								
IRMA/Protected Membrane	85%	Now	$70,800	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Hallway Near Room 408								
IRMA/Protected Membrane	15%			2029	* *	10	$15,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over Lobby								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$103,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Concrete Pavers								
Ceramic Tile	5%			2037	* *	5	$11,800	
Vinyl Tile	75%			2032	* *	3	$88,500	
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	20%			2037	* *	5	$62,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,200	
Folding Partition	2%			2046	* *	5	$15,600	
Glass: Single Pane	3%			LIFE	* *	5	$7,000	
Gypsum Board	45%			LIFE	* *	5	$84,300	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%			2037	* *	5	$177,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Hallway Near Room 408								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$44,300	
Metal Panel	5%			LIFE	* *	5	$14,800	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
HS FOR CONSTRUCTION TRADES , ENG. & ARCH. - Q
Asset # : 14262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Bolted Pressure Switches Rated @ 4000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$700	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$4,200	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$48,500	
Generators								
Diesel	100%			2037	* *	1	$61,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated @ 360 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$5,800	
Fuel Storage								
Main Tank	100%			2059	* *	5	$4,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$141,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	* *	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								

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

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

DEPARTMENT OF EDUCATION - 040
HS FOR CONSTRUCTION TRADES , ENG. & ARCH. - Q
Asset # : 14262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
Fluorescent	100%			2032	* *	10	$14,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Compact Fluorescent Lamps								
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$17,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside And Stair Cases								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$30,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$78,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Roof Top Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$9,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,900	
Exhaust Fans								
Roof	100%			2029	* *	2	$4,800	

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

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

DEPARTMENT OF EDUCATION - 040
HS FOR CONSTRUCTION TRADES , ENG. & ARCH. - Q
Asset # : 14262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$36,700	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor H. W. Room								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$9,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-4 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$44,200	
Fire Pump								
Generic	100%			2033	* *	1	$29,500	
Chemical System								
Not Accessible	100%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 2 - SI**		
Address	: **333 MIDLAND AVENUE @ BOUNDARY AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R002**
Program / Asset #	: **BOE0899.000 / 1465**	**Yr Built/Renovated**	: **1963 / 2013**
Area Sq Ft	: **152,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3696** **Lot** : **100**	**BIN**	: **5053571**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$714,000	$1,159,800
Interior Architecture	$2,778,300	$131,500
Electrical	$809,500	$264,200
Mechanical	$37,900	$371,200
Total	**$4,339,900**	**$1,926,700**
Importance Code A	$714,000	$1,159,800
Importance Code B	$3,335,000	$711,400
Importance Code C	$290,800	$55,500
Total	**$4,339,900**	**$1,926,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,600			
Interior Architecture	$120,900			$27,500
Electrical	$1,700	$1,700	$1,700	$5,500
Mechanical	$34,600	$27,100	$44,700	$73,500
Total	**$188,800**	**$28,800**	**$46,400**	**$106,400**
Importance Code A	$47,800	$16,200	$16,200	$16,500
Importance Code B	$109,400	$12,600	$30,200	$90,000
Importance Code C	$31,600			
Total	**$188,800**	**$28,800**	**$46,400**	**$106,400**

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$78,400	LIFE	* *	5	$138,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	35%	Now	$73,400	LIFE	* *	5	$48,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	35%	Now	$17,500	2045	* *	5	$91,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Mosaic Tile	10%	Now	$190,900	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$231,100	2041	* *	5	$27,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Metal Rail	100%	2-4	$14,100	2038	* *	5	$37,600	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Roll Roofing	100%	Now	$140,300	2024	$701,700	5	$141,700	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	1%	Now	$9,300	2024	$31,200	3	$3,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	3%	Now	$14,200	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$28,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	6%	0-2	$6,200	2030	* *	3	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	80%	Now	$107,600	2020	$2,151,000	3	$73,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%	Now	$20,100	2040	* *	5	$11,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$78,600	2028	* *	5	$7,100	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout Mosaic In Hallways								
Concrete Masonry Unit	5%	0-2	$31,600	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	0-2	$74,300	LIFE	* *	5	$55,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$137,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	19%	Now	$78,100	2030	* *	5	$21,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	1%	Now	$1,800	2038	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	0-2	$71,100	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	0-2	$9,200	LIFE	* *	5	$13,800	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%	Now	$79,800	LIFE	* *	5	$76,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2055	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch Temporary Until Construction Completed. Sandy Flood Damage								
Fused Disc Sw	30%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Temporary Until Construction Completed								
Raceway								
Conduit	60%			2025	$148,500	1		
Conduit	40%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5	$200	
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	70%			2041	* *	5	$2,800	
Molded Case Bkrs	20%			2050	* *	5	$800	

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	70%			2045	* *	1		
Thermoplastic	10%			2035	* *	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	5%			2023	$5,800	5	$100	
Locally Mounted	95%			2045	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2030	* *	10	$134,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2035	* *	10	$3,000	
T-8 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Fluorescent	6%			2030	* *	10	$9,000	
T-5 Lamps, Extent : Moderate, Area Affected : 6%								
Location : 1st Floor Hallway								
Incandescent	2%			2020	$36,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$110,000	10	$19,700	
Exit, Service	50%			2025	$22,000	1		
Exterior Lighting								
HID	100%			2030	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$17,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$629,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$50,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Fuel Vault In Basement								
Explanation : #6 Tanks Reconditioned For #2 Oil								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$161,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Steam Boilers And 1 Temporary Steam Boiler In Court Yard								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$8,000	
Terminal Devices								
Air Handler	20%			2025	$175,900	1	$20,200	
Convector/Radiator	80%			2030	* *	1	$42,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$16,800	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,900	
Exhaust Fans								
Interior	50%	0-2	$1,800	2025	$90,100	2	$2,000	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room - Defective House Exhaust Fan Bearings								
Roof	50%			2025	$64,800	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$37,900	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Temporary Electric Units Are Being Used								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2035	* *	1-2	$6,900	

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

DEPARTMENT OF EDUCATION - 040

I. S. 2 - SI

Asset # : 1465

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 5 - Q**		
Address	**: 50-40 JACOBUS STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q005**
Program / Asset #	**: BOE0988.000 / 4471**	**Yr Built/Renovated**	**: 1997 / 2003**
Area Sq Ft	**: 179,991**	**Project Type**	**: EDUCATION**
Date of Survey	**: 03-Dec-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,ph**		
Block	**: 2450 Lot : 17**	**BIN**	**: 4454423**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$350,300	$571,200
Interior Architecture	$451,500	$281,500
Electrical		$3,426,100
Mechanical		$316,600
Total	**$801,800**	**$4,595,400**
Importance Code A	$350,300	$571,200
Importance Code B	$305,600	$3,935,500
Importance Code C	$145,900	$88,700
Total	**$801,800**	**$4,595,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$78,900			$5,200
Interior Architecture	$94,100		$69,900	$6,700
Electrical	$20,500	$14,500	$26,700	$14,500
Mechanical	$82,500	$84,200	$70,400	$71,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$287,900**	**$110,500**	**$178,800**	**$110,000**
Importance Code A	$96,800	$17,800	$17,800	$23,000
Importance Code B	$132,800	$92,700	$161,000	$87,000
Importance Code C	$58,300			
Total	**$287,900**	**$110,500**	**$178,800**	**$110,000**

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

DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$56,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$23,600	
Masonry: Brick Cavity	62%			LIFE	* *	5	$234,000	
Metal Panel	15%			2046	* *	5-10	$194,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$122,700	
Windows								
Aluminum	98%			2042	* *	5	$31,600	
Metal Louvers	2%			2035	* *	10	$4,000	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$81,400	
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$27,000	
Pre-Cast Concrete	60%			LIFE	* *	5	$148,900	
Roof								
Built-Up (BUR)	35%			2031	* *	10	$43,400	
IRMA/Protected Membrane	32%			2031	* *	10	$39,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% Location : Throughout								
Metal Panel	25%			2039	* *	10	$56,800	
Roll Roofing	5%			2025	$25,600	5	$10,300	
Skylight, Metal/Glass	3%			2046	* *	10	$12,400	
Interior								
Floors								
Carpet	5%			2025	$171,900	3	$20,200	
Cast in Place Concrete	17%			LIFE	* *	5	$200,400	
Ceramic Tile	5%			2035	* *	5	$13,500	
Quarry Tile	5%			2039	* *	5	$20,200	
Terrazzo	3%			LIFE	* *	5	$12,600	
Vinyl Tile	60%			2031	* *	3	$60,600	
Wood	5%			2054	* *	5	$25,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$57,200	
Concrete Masonry Unit	47%			LIFE	* *	5	$86,000	
Folding Partition	3%			2042	* *	5	$17,100	
Gypsum Board	5%			LIFE	* *	5-10	$19,400	
Mosaic Tile	10%			LIFE	* *	10	$14,300	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$22,900	
Wood	5%			LIFE	* *	5	$91,500	
Ceilings								
AcousTileConcealSpLn	55%			2039	* *	5	$185,200	
AcousTileSusp.Lay-In	15%			2039	* *	5	$40,400	
Exposed Concrete	10%			LIFE	* *	5-10	$33,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$53,900	
Gypsum Board	10%			LIFE	* *	5-10	$92,600	

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

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Electrical Service Switches Rated @ 1600 Amperes And 1200 Amperes								
Transformers								
Dry Type	100%			2031	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1500 Kva, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$800	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	20%			2034	* *	5	$800	
Molded Case Bkrs	80%			2034	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$55,400	
Generators								
Diesel	50%			2029	* *	1	$34,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 350 Kw								
Diesel	50%			2029	* *	1	$34,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 250 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$6,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2034	* *	5	$16,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Capacity								
Main Tank	50%			2041	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1000 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	94%			2026	$1,879,400	10	$155,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2026	$100,000	10	$8,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2026	$14,400	10	$100	
Egress Lighting								
Emergency, Service	50%			2026	$44,300	1		
Exit, LED	40%			2041	* *	1		
Exit, Service	10%			2026	$4,900	1		
Exterior Lighting								
HID	100%			2026	$679,800	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$559,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

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

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Severe, Area Affected : 3%								
Location : Basement Gas Room								
Explanation : An Electrical Heater Is Located In Gas Meter Room - Hazardous Condition								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$178,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$13,300	
Terminal Devices								
Air Handler	60%			2031	* *	1	$66,800	
Convector/Radiator	40%			2039	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2031	* *	1	$66,800	
R-134a Refrigerant, Extent : Light, Area Affected : 80%								
Location : Penthouse								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2046	* *	4	$10,600	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2031	* *	1	$89,000	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	$230,100	2	$100,300	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$31,100	LIFE	* *	2-5	$100,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Damper, Between 2nd & 3rd Floor								
Exhaust Fans								
Interior	75%			2031	* *	2	$4,100	
Roof	25%			2031	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 5 - Q

Asset # : 4471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$41,900	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Large Hot Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	60%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 60%								
Location : (1) B-4 (1) 1 - Ph								
Explanation : 2 Units								
Hydraulic	40%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$90,700	
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$12,600	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 7 - SI**
Address : **1270 HUGUENOT AVENUE @HYLAN BLVD.**
Borough : **STATEN ISLAND** | **Agency's Number** : **R007**
Program / Asset # : **BOE0903.000 / 1454** | **Yr Built/Renovated** : **1965 / 2009**
Area Sq Ft : **177,018** | **Project Type** : **EDUCATION**
Date of Survey : **06-May-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **6544** **Lot** : **1** | **BIN** : **5082345**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,130,000	$291,200
Interior Architecture	$1,419,100	$163,200
Electrical	$1,988,900	$939,000
Mechanical	$1,062,700	$561,100
Total	**$5,600,600**	**$1,954,600**
Importance Code A	$2,044,700	$324,800
Importance Code B	$3,099,100	$1,571,100
Importance Code C	$456,800	$58,700
Total	**$5,600,600**	**$1,954,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$78,400		$11,300	
Interior Architecture	$31,800		$7,000	$17,600
Electrical	$6,600	$7,800	$86,700	$6,400
Mechanical	$27,500	$37,100	$76,000	$28,600
Total	**$144,400**	**$44,900**	**$181,100**	**$52,600**
Importance Code A	$78,400	$18,600	$30,300	$18,600
Importance Code B	$65,900	$26,300	$150,800	$34,000
Importance Code C				
Total	**$144,400**	**$44,900**	**$181,100**	**$52,600**

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

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	50%			LIFE	* *	5	$202,800	
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : Throughout								
Masonry: Brick	42%			LIFE	* *	5	$36,300	
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : Throughout								
Masonry: Granite	3%	0-2	$15,400	LIFE	* *	5	$1,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,200	
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$22,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout 2009								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$1,800	
Metal: Cage/Fence	90%	4+	$32,000	2029	* *	5	$52,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	5%	2-4	$50,500	2052	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	90%	0-2	$1,079,500	2034	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Roll Roofing	5%	0-2	$31,000	2026	$31,000	5	$6,300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$61,500	
Ceramic Tile	5%	Now	$5,500	2033	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Terrazzo	5%			LIFE	* *	5	$11,000	
Vinyl Tile	20%			2034	* *	3	$21,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	50%	Now	$717,400	2029	* *	3	$52,700	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	10%			2052	* *	5	$52,700	
Interior Walls								
Cast in Place Concrete	5%	Now	$123,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler And Throughout								
Concrete Masonry Unit	15%	Now	$65,200	LIFE	* *	5	$23,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$78,500	LIFE	* *	5	$58,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$189,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$111,300	2029	* *	5	$43,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	55%	4+	$97,400	LIFE	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Plaster	10%	0-2	$36,100	LIFE	* *	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2024	$33,600	5	$600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 800 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$195,500	5	$600	
Fused Disc Sw	20%			2034	* *	5	$200	
Raceway								
Conduit	95%			2024	$274,600	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$400	
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	70%			2023	$177,900	5	$3,300	
Molded Case Bkrs	5%			2040	* *	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$500	
Wiring								
Braided Cloth	60%	2-4	$233,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$117,000	1		
Thermoplastic	10%			2044	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$163,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2019	$30,000	10	$100	
Incandescent	3%			2019	$62,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$126,700	10	$22,700	
Exit, Service	50%			2019	$25,300	1		
Exterior Lighting								
HID	100%			2019	$668,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$19,800	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$733,400	1-3	$43,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$58,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$914,700	2044	* *	1	$167,500	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : 3 Boilers In Basement								
Distribution								
Steam Piping/Pump	100%	Now	$65,600	2034	* *	4	$9,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$6,100	2024	$304,000	1	$31,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Blower								
Convector/Radiator	70%			2029	* *	1	$42,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$38,600	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,800	
Exhaust Fans								
Interior	30%			2024	$62,300	2	$1,700	
Roof	70%	Now	$5,200	2024	$104,600	2	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : House Exhaust Fan								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$43,700	2024	$43,700	2	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$27,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units Being Used As Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$2,600	

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

DEPARTMENT OF EDUCATION - 040

I. S. 7 - SI

Asset # : 1454

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul-102*								
No Component	80%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 10 - M (TANDEM P.S.200-M)**		
Address	**: 2581 ADAM CLAYTON POWELL BLVD. @W. 150 STREET**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M010**
Program / Asset #	**: BOE0007.000 / 435**	**Yr Built/Renovated**	**: 1969 / 2012**
Area Sq Ft	**: 246,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 06-Jan-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 2016 Lot : 100**	**BIN**	**: 1060198**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$142,400	$337,800
Interior Architecture	$2,244,100	$3,886,600
Electrical	$899,900	$2,692,900
Mechanical	$961,900	$1,506,800
Total	**$4,248,200**	**$8,424,100**
Importance Code A	$142,400	$421,800
Importance Code B	$3,672,200	$7,470,500
Importance Code C	$433,600	$531,700
Total	**$4,248,200**	**$8,424,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$15,000	
Interior Architecture	$87,300			$42,500
Electrical	$18,400	$15,900	$7,700	$6,000
Mechanical	$75,300	$48,300	$56,300	$43,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$185,000**	**$68,100**	**$82,900**	**$95,800**
Importance Code A	$25,200	$25,700	$40,200	$25,200
Importance Code B	$135,600	$42,300	$42,700	$70,600
Importance Code C	$24,200			
Total	**$185,000**	**$68,100**	**$82,900**	**$95,800**

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$30,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Cast in Place Concrete	15%			LIFE	* *	5	$90,200	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$60,100	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Pre-Cast Concrete	30%			LIFE	* *	5	$117,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%			2039	* *	5	$30,000	
Metal Louvers	5%			2032	* *	10	$9,900	
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$11,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	50%			2028	* *	5-10	$96,400	
Roof								
Built-Up (BUR)	90%	Now	$86,200	2028	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Built-Up (BUR)	10%			2033	* *	10	$20,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,700	
Ceramic Tile	3%	Now	$45,400	2026	$227,200	5	$5,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Expansion Joint Failure								
Vinyl Tile	87%	Now	$867,400	2023	$2,891,200	3	$127,500	
Adhesion Failure, Extent : Light, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Expansion Joint Failure								
Wood	5%	4+	$32,200	2038	* *	5	$18,300	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$135,000	2026	$450,200	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Expansion Joint Failure								
Concrete Masonry Unit	2%	Now	$24,200	LIFE	* *	5	$4,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Sub Basement Electrical Room And Expansion Joints Throughout								
Plaster	50%	Now	$109,100	LIFE	* *	5	$81,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	45%	Now	$189,500	LIFE	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : First Floor At Stairs, Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	45%	Now	$480,100	2036	* *	5	$86,100	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	Now	$30,900	2028	* *	5	$9,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%	Now	$191,600	LIFE	* *	5	$23,900	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	45%	Now	$225,900	LIFE	* *	5	$107,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Concrete Beams Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three Main Disconnect Switches Rated At 3000, 2000 And 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$488,700	5	$1,100	
Raceway								
Busway	5%			2021	$28,900	1		
Conduit	85%			2023	$491,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$600	
Molded Case Bkrs	80%			2022	$382,700	5	$5,200	
Molded Case Bkrs	10%			2039	* *	5	$600	
Wiring								
Braided Cloth	85%	2-4	$662,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Busway	5%			2021	$39,000	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$230,200	5	$1,700	
Ground								

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$237,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	1%			2028	* *	2	$100	
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$8,800	
Exterior Lighting								
HID	100%			2023	$929,100	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$18,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$45,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$80,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : (2) 15,000 Gallon Tanks								
Conversion Equipment								
Heat Exchanger	5%			2026	$2,800	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Provides Hot Water Heating To First Floor								
Explanation : 2 Units								
Steam Boiler	95%			2028	* *	1	$245,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Boiler Room								
Explanation : 4 Units								

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	35%			2031	* *	4	$4,500	
Steam Piping/Pump	65%	Now	$118,500	2023	$1,185,100	4	$8,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$21,100	2018	$422,400	1	$43,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Coil For Auditorium And Gym								
Convector/Radiator	70%			2028	* *	1	$59,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2023	$60,300	2	$800	
Window/Wall Unit	50%			2018	$268,400	1		
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$51,000	
No Component	65%							
Exhaust Fans								
Interior	10%			2023	$28,900	2	$800	
Roof	90%			2023	$186,800	2	$7,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$78,000	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Water Meter Area								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : First Floor Corridor Ceiling								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$38,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$16,000	

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

DEPARTMENT OF EDUCATION - 040

I. S. 10 - M (TANDEM P.S.200-M)

Asset # : 435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$131,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Surrounds The Building Envelope Due To Subway Tracks Underneath Building								
Explanation : Dry System Standpipe								
Sprinkler								
No Component	80%							
Generic	20%			2033	* *	1-2	$14,600	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 14 - BK**		
Address	: **AVE X & BATCHELDER STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K014**
Program / Asset #	: **BOE0350.000 / 360**	**Yr Built/Renovated**	: **1952 / 2000**
Area Sq Ft	: **139,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,p**		
Block	: **7424** **Lot** : **1**	**BIN**	: **3203617**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$640,800	$111,900
Interior Architecture	$1,205,400	$808,800
Electrical	$1,342,000	$698,500
Mechanical	$125,700	$312,100
Total	**$3,313,800**	**$1,931,300**
Importance Code A	$640,800	$126,600
Importance Code B	$2,488,200	$1,804,700
Importance Code C	$184,900	
Total	**$3,313,800**	**$1,931,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,400		$32,100	
Interior Architecture	$86,000	$11,900		$26,400
Electrical	$16,400	$5,700	$4,300	$3,900
Mechanical	$68,700	$73,400	$32,900	$19,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$204,400**	**$95,000**	**$73,200**	**$54,000**
Importance Code A	$43,200	$14,100	$45,800	$13,800
Importance Code B	$97,100	$80,900	$27,400	$40,300
Importance Code C	$64,200			
Total	**$204,400**	**$95,000**	**$73,200**	**$54,000**

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

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$337,600	LIFE	* *	5	$111,900	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%	Now	$12,900	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	95%			2039	* *	5	$64,200	
Glass Block	5%			LIFE	* *	5	$2,100	
Parapets								
Masonry: Brick	90%	Now	$164,000	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	10%	Now	$16,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%	Now	$139,100	2028	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Slate	25%			LIFE	* *			
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$55,000	LIFE	* *	5	$28,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout Boiler Pit								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 50%								
Location : Throughout								
Ceramic Tile	5%	Now	$256,200	2038	* *	5	$6,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	50%	Now	$224,800	2028	* *	3	$49,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Cafeteria								
Vinyl Tile	30%	Now	$202,300	2023	$674,500	3	$29,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Wood	5%	4+	$21,800	2038	* *	5	$12,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$26,000	2032	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	7%	Now	$29,300	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Gym								
Glazed Ceramic Panel	3%	Now	$8,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$75,500	LIFE	* *	5	$28,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$109,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$23,900	
Plaster	90%	Now	$282,100	LIFE	* *	5	$134,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2023	$14,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : West Wing Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	75%			2023	$164,900	5	$400	
Fused Disc Sw	25%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Fused Disc Sw	5%			2039	* *	5	$200	
Fused Toggle Switch	5%	2-4	$11,200	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2022	$134,500	5	$2,200	
Molded Case Bkrs	20%			2039	* *	5	$700	

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

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$700	
Locally Mounted	20%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	75%			2028	* *	10	$95,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	22%			2031	* *	10	$28,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	3%			2018	$46,300	2	$100	
Egress Lighting								
Emergency, Service	50%			2023	$34,200	1		
Exit, Service	50%			2023	$18,700	1		
Exterior Lighting								
HID	100%			2018	$525,000	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$431,900	1-3	$25,700	

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

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

I. S. 14 - BK

Asset # : 360

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	1%	Now	$3,400	2053	* *	5	$200	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : In Front Of School								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, 2 Of 2 Defective Petrometers								
No. 4 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : Basement								
Fuel Oil No 4	99%			2033	* *	5	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried In Front Of School								
Explanation : 2- 10,000 Gallon Oil Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$137,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3- #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	5%	Now	$48,500	2053	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Steam Piping/Pump	95%			2033	* *	4	$9,800	
Terminal Devices								
Air Handler	20%			2023	$149,900	1	$17,200	
Convector/Radiator	2%	0-2	$26,300	2043	* *	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Defective Thermostats And Control Valves								
Convector/Radiator	78%			2028	* *	1	$35,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	3%	0-2	$8,600	2023	$8,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, Multiple Mechanical Defects								
Window/Wall Unit	27%			2018	$77,200	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,500	
Exhaust Fans								
Interior	100%			2023	$153,700	2	$4,300	
Noisy/Vibrating, Extent : Light, Area Affected : 15%								
Location : Basement Fan Room, 1 Of 8 Fans Defective Fan Bearing								
Plumbing								

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

DEPARTMENT OF EDUCATION - 040

I. S. 14 - BK

Asset # : 360

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$32,300	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement, Steam Bundle Leak, Tank Leaks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$3,900	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 17 - M**
Address : **328 WEST 48 STREET @8TH - 9TH AVES.**
Borough : **MANHATTAN**
Program / Asset # : **BOE0011.000 / 439**
Area Sq Ft : **101,000**
Date of Survey : **03-Dec-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1038** **Lot** : **14**

Agency's Number : **M017**
Yr Built/Renovated : **1908 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **1025092**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$643,300	$194,500
Interior Architecture	$1,253,200	$163,000
Electrical	$1,120,000	$207,900
Mechanical	$78,500	$578,100
Total	**$3,094,900**	**$1,143,500**
Importance Code A	$643,300	$194,500
Importance Code B	$2,232,200	$908,900
Importance Code C	$219,400	$40,200
Total	**$3,094,900**	**$1,143,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$29,400	
Interior Architecture	$26,400		$38,300	$13,200
Electrical	$2,000	$1,900	$35,000	$2,800
Mechanical	$81,000	$22,700	$59,800	$21,000
Total	**$109,400**	**$24,600**	**$162,600**	**$37,000**
Importance Code A	$37,900	$11,100	$40,800	$11,100
Importance Code B	$45,100	$13,500	$121,900	$25,900
Importance Code C	$26,400			
Total	**$109,400**	**$24,600**	**$162,600**	**$37,000**

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

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$21,600	
Masonry: Brick	80%			LIFE	* *	5	$44,200	
Masonry: Limestone	3%			LIFE	* *	5	$1,200	
Metal Panel	10%			2034	* *	5-10	$38,000	
Stucco Cement	2%			2029	* *	5	$2,800	
Windows								
Aluminum	100%	Now	$643,300	2040	* *	5	$25,600	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : South Side								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Back Of Auditorium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,100	
Masonry: Brick	80%			LIFE	* *	5	$11,500	
Metal Rail	5%			2029	* *	5-10	$12,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	50%			2024	$150,300	10	$32,800	
Cast in Place Concrete	25%			LIFE	* *			
Copper/Terne	10%			2052	* *	10	$16,400	
Modified Bitumen	15%			2029	* *	10	$9,800	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Northwest Side								
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,800	
Ceramic Tile	5%	Now	$48,900	2033	* *	5	$4,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd, 3rd And 4th Floor Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : 2nd, 3rd And 4th Floor Bathrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 2nd, 3rd And 4th Floor Bathrooms								
Cork Tile	5%	Now	$83,800	2044	* *	5	$3,700	
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : Music Room And Library								
Mosaic Tile	5%			2029	* *	5	$21,000	
Terrazzo	2%			LIFE	* *	5	$2,600	
Traffic Topping	5%			2029	* *	5	$10,500	
Vinyl Tile	63%	Now	$901,100	2034	* *	3	$39,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Corridors, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Throughout								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Various Locations Throughout								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%			2039	* *	5	$15,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	4+	$26,400	2027	* *	5	$4,800	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : 2nd, 3rd And 4th Floor Bathrooms								
Masonry: Brick	5%	0-2	$111,900	LIFE	* *			
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$107,500	LIFE	* *	5	$40,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Back Wall Of Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Around Back Windows In Auditorium								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$21,000	
AcousTileSusp.Lay-In	5%			2029	* *	5	$8,400	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	82%			LIFE	* *	5	$86,100	

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	60%			2044	* *	5	$300	
Molded Case Bkrs	40%			2044	* *	5	$1,100	
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	80%			2040	* *	5	$2,100	
Molded Case Bkrs	10%			2023	$17,900	5	$300	
Wiring								
Braided Cloth	75%	2-4	$223,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$500	
Locally Mounted	20%			2022	$23,000	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$92,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	8%			2019	$99,900	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Restrooms & Partial 3rd Floor								
Explanation : Using T-12 Lamps								
HID	2%			2019	$17,900	10	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$13,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$381,400	10	$300	

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

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$313,800	1-3	$18,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	5%	Now	$27,400	2044	* *	1	$5,000	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Crumbling Refractory Around Burners								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boilers Need To Be Retubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	95%			2037	* *	1	$105,700	
Distribution								
Steam Piping/Pump	10%	Now	$78,500	2054	* *	4	$600	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Badly Deteriorated Condensate Return Lines								
Steam Piping/Pump	90%			2034	* *	4	$7,500	
Terminal Devices								
Air Handler	20%			2029	* *	1	$13,900	
Convector/Radiator	70%			2029	* *	1	$25,400	
Fan Coil Unit/Heat	10%			2024	$168,300	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2025	$72,400	2	$300	
Window/Wall Unit	95%			2022	$219,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Multiple Mechanical And Or Electrical Deficiencies								
Heat Rejection								
Remote Air Cond	5%			2029	* *	2	$3,900	
No Component	95%							
Ventilation								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 17 - M

Asset # : 439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	95%			2024	$118,000	2	$3,300	
Roof	5%			2024	$4,500	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$33,600	2029	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2023	$26,100	2	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Supply Line Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,600	
Chemical System								
Dry	100%			2019	$26,100	1-3	$50,600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Warm Up Kitchen								
Explanation : Unit Not Presently In Use								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 24 - SI**		
Address	: **225 CLEVELAND AVENUE @ DURANT AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R024**
Program / Asset #	: **BOE0915.000 / 2757**	**Yr Built/Renovated**	: **1968 / 2010**
Area Sq Ft	: **172,251**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jun-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5153** **Lot** : **108**	**BIN**	: **5065854**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$180,700	$288,000
Interior Architecture	$1,962,400	$194,500
Electrical	$1,172,600	$1,593,500
Mechanical	$1,367,400	$270,100
Total	**$4,683,200**	**$2,346,100**
Importance Code A	$1,070,800	$317,400
Importance Code B	$2,982,100	$1,965,800
Importance Code C	$630,300	$62,800
Total	**$4,683,200**	**$2,346,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,500	$7,700		
Interior Architecture	$39,800	$1,400		$36,800
Electrical	$1,900	$2,500	$3,800	$46,900
Mechanical	$30,600	$26,500	$41,600	$66,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$97,700**	**$42,000**	**$49,400**	**$154,400**
Importance Code A	$21,500	$25,800	$18,100	$18,500
Importance Code B	$76,300	$16,200	$31,300	$135,900
Importance Code C				
Total	**$97,700**	**$42,000**	**$49,400**	**$154,400**

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

DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$23,700	
Masonry: Brick	92%	Now	$131,300	LIFE	* *	5	$87,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Mosaic Tile	3%			2045	* *	10	$8,900	
Windows								
Aluminum	100%	0-2	$49,300	2041	* *	5	$11,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,800	
Masonry: Brick	85%			LIFE	* *	5	$11,900	
Metal Rail	5%			2038	* *	5-10	$12,600	
Roof								
Built-Up (BUR)	20%	Now	$21,500	2025	$107,300			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Built-Up (BUR)	80%			2033	* *	10	$93,700	
Interior								
Floors								
Cast in Place Concrete	15%	Now	$85,400	LIFE	* *	5	$89,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$79,600	2034	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	1%	0-2	$12,700	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	4%			2030	* *	3	$4,100	
Vinyl Tile 9" X 9"	70%	Now	$1,055,100	2030	* *	3	$71,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2065	* *	5	$25,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$120,400	LIFE	* *			
Vertical Cracks, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$157,600	2034	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,200	
Plaster	55%	0-2	$168,000	LIFE	* *	5	$62,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$184,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$27,100	2038	* *	5	$41,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	65%	Now	$112,000	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	10%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 2500 Amps & 1- 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$244,400	5	$700	
Raceway								
Conduit	90%			2025	$260,100	1		
Conduit	10%			2045	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$400	
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	75%			2024	$190,600	5	$3,400	
Molded Case Bkrs	10%			2041	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$272,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Feeders And Branch Circuits Throughout Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$78,000	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$156,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2030	* *	10	$8,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2025	$29,200	10	$100	
Egress Lighting								
Emergency, Battery	45%			2020	$111,000	10	$19,900	
Emergency, Battery	5%			2030	* *	10	$2,200	
Exit, Service	45%			2020	$22,200	1		
Exit, Service	5%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$650,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$19,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$624,400			

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

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

I. S. 24 - SI

Asset # : 2757

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2035	* *	5	$56,600	
No. 4 Fuel Oil, Extent : Moderate, Area Affected : 100%								
Location : In Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 10,000 Gal Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$890,100	2045	* *	1	$163,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$63,800	2035	* *	4	$9,000	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Vacuum Pump / Condensate Piping Various Areas								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Various Areas Throughout								
Terminal Devices								
Air Handler	30%	Now	$14,800	2020	$295,800	1	$30,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Fan Room								
Convector/Radiator	70%			2030	* *	1	$41,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$75,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$102,000	
Exhaust Fans								
Interior	40%			2025	$80,800	2	$2,200	
Roof	60%			2025	$87,200	2	$3,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$42,500	2	$2,700	
HW Heat Exchanger								
Low Temp	100%			2025	$56,700	4	$27,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 24 - SI

Asset # : 2757

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2020	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Sets Of Dual Pumps								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$5,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 27 - SI**
Address : **11 CLOVE LAKE PLACE @ ELIZABETH ST.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0918.000 / 1451**
Area Sq Ft : **160,000**
Date of Survey : **08-Dec-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **308** **Lot** : **1**

Agency's Number : **R027**
Yr Built/Renovated : **1963 / 2006**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5008403**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,700	$1,707,200
Interior Architecture	$1,273,800	$675,100
Electrical	$1,041,100	$1,152,600
Mechanical	$155,500	$483,000
Total	**$2,506,000**	**$4,017,900**
Importance Code A	$35,700	$1,736,600
Importance Code B	$2,398,100	$2,227,400
Importance Code C	$72,200	$54,000
Total	**$2,506,000**	**$4,017,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$22,400	$29,000	
Interior Architecture	$81,300	$29,300	$3,200	$3,200
Electrical	$4,600	$11,900	$3,800	$2,700
Mechanical	$51,200	$51,000	$39,900	$24,400
Total	**$137,100**	**$114,600**	**$75,900**	**$30,300**
Importance Code A	$17,000	$39,700	$46,000	$17,000
Importance Code B	$99,400	$74,900	$29,900	$13,300
Importance Code C	$20,700			
Total	**$137,100**	**$114,600**	**$75,900**	**$30,300**

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$146,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$58,100	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$4,700	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Rail	10%			2036	* *	5-10	$10,100	
Roof								
Copper/Terne	5%			2038	* *	10	$22,400	
IRMA/Protected Membrane	75%			2023	$1,070,000	10	$134,200	
IRMA/Protected Membrane	20%	Now	$35,700	2023	$356,700			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over First Floor								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Over First Floor								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$56,200	
Ceramic Tile	5%	Now	$5,000	2032	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$19,300	
Vinyl Tile	55%			2018	$1,201,600	3	$53,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor Corridor								
Explanation : 9x9 Units								
Vinyl Tile	10%	Now	$21,800	2028	* *	3	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2031	* *	3	$9,600	
Wood	5%			2051	* *	5	$24,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$20,700	2032	* *	5	$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$72,200	LIFE	* *	5	$54,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$23,500	2021	$470,500	5	$36,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2028	* *	5	$23,300	
Embossed Metal	5%	Now	$10,200	LIFE	* *	5	$5,200	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	30%			LIFE	* *	5	$10,900	
Gypsum Board	20%			LIFE	* *	5	$58,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$14,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps And One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$400	
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	80%			2022	$179,400	5	$3,400	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$1,000	
Motor Control Center	10%			2021	$72,200	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	5%			2018	$95,300	10	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-12 Lamps								
Fluorescent	89%			2031	* *	10	$140,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$41,100	10	$200	
Incandescent	3%			2018	$57,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$115,800	10	$20,700	
Exit, Service	50%			2023	$23,200	1		
Exterior Lighting								
HID	100%			2018	$604,300	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$29,600	

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

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DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$53,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$170,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$59,900	2033	* *	4	$8,500	
Broken, Extent : Severe, Area Affected : 40%								
Location : Vacuum Pump, Compressor, Boiler Room								
Leak Evident, Extent : Light, Area Affected : 1%								
Location : Gymnasium Ceiling, Steam Leak								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Electric Oil Heater, Boiler Room								
Terminal Devices								
Air Handler	30%	0-2	$5,600	2023	$277,700	1	$28,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : First Floor Mechanical Room, Defective Temperature Controls								
Convector/Radiator	70%			2028	* *	1	$38,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$10,600	2021	$105,900	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical Defects								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,700	
Exhaust Fans								
Interior	30%			2023	$56,900	2	$1,600	
Roof	70%	Now	$4,800	2018	$95,500	2	$2,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof, Multiple Mechanical And Electrical Defects								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 27 - SI

Asset # : 1451

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$4,800	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 33 - BK**		
Address	: **70 TOMPKINS AVENUE @ STOCKTON ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K033**
Program / Asset #	: **BOE0366.000 / 149**	**Yr Built/Renovated**	: **1957 / 2012**
Area Sq Ft	: **146,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1743** **Lot** : **18**	**BIN**	: **3048517**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$336,700	$140,900
Interior Architecture	$880,100	$147,100
Electrical	$864,000	$2,577,900
Mechanical	$292,200	$475,100
Total	**$2,373,000**	**$3,340,900**
Importance Code A	$489,200	$182,900
Importance Code B	$1,883,900	$3,062,300
Importance Code C		$95,800
Total	**$2,373,000**	**$3,340,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,400			$27,400
Interior Architecture	$39,000	$5,900	$19,000	$2,900
Electrical	$30,800	$4,600	$59,100	$3,700
Mechanical	$6,700	$22,800	$58,600	$24,500
Total	**$107,900**	**$33,300**	**$136,700**	**$58,500**
Importance Code A	$31,400	$15,500	$15,800	$42,900
Importance Code B	$37,400	$17,800	$120,900	$15,600
Importance Code C	$39,000			
Total	**$107,900**	**$33,300**	**$136,700**	**$58,500**

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

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	0-2	$201,700	LIFE	* *	5	$133,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%	Now	$10,800	LIFE	* *	5	$7,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Granite Panels	2%			LIFE	* *	5	$2,200	
Windows								
Aluminum	97%			2040	* *	5	$54,800	
Metal Louvers	3%	0-2	$5,100	2033	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast in Place Concrete	30%	0-2	$7,800	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	60%	0-2	$14,100	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	10%			2037	* *	5-10	$7,400	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$124,100	
Copper/Terne	5%			2052	* *	10	$16,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,300	
Ceramic Tile	5%			2033	* *	5	$11,700	
Terrazzo	5%	0-2	$54,500	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Vinyl Tile	10%	0-2	$39,900	2019	$199,400	3	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	65%			2034	* *	3	$57,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Corridor(s), Classroom(s)								
Wood	5%	0-2	$38,700	2052	* *	5	$11,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%	0-2	$30,400	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%	Now	$8,600	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Lobby Near Gymnasium								
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$41,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$54,700	
Ceilings								
AcousTile,Adhered	10%	0-2	$118,400	2041	* *	5	$10,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
AcousTileConcealSpLn	25%	2-4	$429,300	2044	* *	5	$33,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s)								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s)								
Exposed Concrete	55%			LIFE	* *	5	$18,200	
Plaster	10%			LIFE	* *	5	$13,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Rating								
Switchgear / Switchboard								
Fused Disc Sw	10%			2044	* *	5	$100	
Molded Case Bkrs	90%			2024	$197,900	5	$3,500	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	5%			2040	* *	5	$200	
Molded Case Bkrs	90%			2023	$201,800	5	$3,500	

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

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$312,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	75%			2022	$86,300	5	$700	
Locally Mounted	15%	2-4	$17,300	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	10%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Connected To Main Water Pipe In The Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$1,687,800	10	$139,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2024	$12,500	10	$100	
Incandescent	2%			2019	$34,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$18,900	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$551,400	10	$400	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	* *	1	$8,200	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2032	* *	1-3	$23,200	

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$48,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 20,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	0-2	$152,500	2037	* *	1	$139,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 50%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$54,700	2034	* *	4	$7,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Control System								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$168,900	1	$19,400	
Convector/Radiator	80%			2029	* *	1	$40,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2022	$128,800	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,300	
Exhaust Fans								
Interior	80%			2024	$138,500	2	$3,800	
Roof	20%			2024	$24,900	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$36,400	2	$2,300	
HW Heat Exchanger								
Low Temp	100%	Now	$48,600	2054	* *	4	$15,500	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Low Temp Hot Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

DEPARTMENT OF EDUCATION - 040

I. S. 33 - BK

Asset # : 149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,200	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 34 - SI (OL TOTTENVILLE)**		
Address	: **ACADEMY & YETMAN AVENUES**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R034**
Program / Asset #	: **BOE0923.000 / 1429**	**Yr Built/Renovated**	: **1936 / 2008**
Area Sq Ft	: **121,237**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Apr-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7894** **Lot** : **1**	**BIN**	: **5088090**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$297,900	$145,200
Interior Architecture	$328,500	$333,400
Electrical	$376,700	$1,145,300
Mechanical	$230,900	$1,919,500
Total	**$1,234,000**	**$3,543,300**
Importance Code A	$297,900	$187,200
Importance Code B	$838,100	$3,317,600
Importance Code C	$98,000	$38,500
Total	**$1,234,000**	**$3,543,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,700	$15,600		
Interior Architecture	$70,400			$15,900
Electrical	$15,000	$3,200	$2,200	$2,000
Mechanical	$47,100	$76,800	$31,400	$18,600
Total	**$155,200**	**$95,700**	**$33,600**	**$36,600**
Importance Code A	$34,800	$27,900	$12,000	$12,000
Importance Code B	$91,400	$67,800	$21,600	$24,600
Importance Code C	$29,100			
Total	**$155,200**	**$95,700**	**$33,600**	**$36,600**

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$22,700	LIFE	* *	5	$40,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Areaways Throughout								
Masonry: Brick	30%			LIFE	* *	5	$48,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5	$56,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	7%			LIFE	* *	5	$8,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	23%			LIFE	* *	5	$27,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$185,500	2039	* *	5	$22,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$20,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2028	* *	10	$112,300	
Built-Up (BUR)	5%			2031	* *	10	$6,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2058	* *	10	$15,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$37,700	LIFE	* *	5	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%	Now	$52,800	2026	$175,800	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%	Now	$42,200	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	70%	Now	$54,000	2031	* *	3	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	10%	Now	$12,000	2038	* *	5	$17,000	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$16,100	2032	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$13,000	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Gym								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%	0-2	$46,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%	Now	$51,500	LIFE	* *	5	$38,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$29,400	2028	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout Class Rooms								
Exposed Concrete	15%	Now	$43,800	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Gym								
Metal Panel	5%			LIFE	* *	5	$11,300	
Plaster	70%			LIFE	* *	5	$79,400	

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Service Switches Rated At 1600 And 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$185,700	5	$500	
Fused Disc Sw	5%			2043	* *	5		
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$11,200	5	$100	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	5%			2039	* *	5	$200	
Molded Case Bkrs	85%			2022	$190,600	5	$2,700	
Wiring								
Thermoplastic	90%			2023	$268,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$700	
Locally Mounted	10%	2-4	$11,500	2043	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Area								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$111,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$16,400	1		
Exit, Battery	50%			2023	$55,800	10	$4,100	
Exterior Lighting								
HID	100%			2033	* *	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$376,700	1-3	$22,400	

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$37,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$120,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (4) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2023	$846,500	4	$6,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	10%	0-2	$65,400	2033	* *	1	$6,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Mechanical Room, Blower Temperature Control System Beyond Useful Life								
Air Handler	30%			2023	$196,100	1	$22,500	
Convector/Radiator	40%			2021	$458,100	1	$15,700	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Radiators Clogged With Corrosion								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	15%			2023	$272,300	1	$5,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Fan Coil Unit/Heat	5%	0-2	$90,800	2033	* *	1	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And Electrical Defects.								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$74,800	1		
Window/Wall Unit	5%	0-2	$12,500	2023	$12,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Classrooms, Multiple Mechanical And Electrical Defects								
No Component	65%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Level								
Explanation : No Cooling On Basement Level								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,600	

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2023	$134,000	2	$3,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$28,200	2	$1,800	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$18,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Throughout, No Repairs Presently Needed								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	95%			2018	$10,500	4	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Rigid Piping	5%			2028	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Pump Has Newly Installed Motor And Controls								
Sewage Ejector(s)								
Electric	95%	0-2	$10,500	2033	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Electric	5%			2028	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Pump Has Newly Installed Motor And Controls								
Backflow Preventer								
Generic	100%			2028	* *	1	$7,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Boiler Make-up Water Only								
Fixtures								
Generic	100%							
Fire Suppression								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 34 - SI (OL TOTTENVILLE)

Asset # : 1429

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 43 - BK (I. S. 98 - BK)**
Address : **1401 EMMONS AVENUE @E. 14 STREET**
Borough : **BROOKLYN**
Agency's Number : **K043**
Program / Asset # : **BOE0373.000 / 2625**
Yr Built/Renovated : **1965 / 2011**
Area Sq Ft : **142,000**
Project Type : **EDUCATION**
Date of Survey : **19-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **8767** **Lot** : **26**
BIN : **3246958**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$92,300	$375,000
Interior Architecture	$501,100	$111,700
Electrical	$782,300	$2,399,000
Mechanical	$566,700	$1,901,100
Total	**$1,942,400**	**$4,786,700**
Importance Code A	$128,900	$1,150,800
Importance Code B	$1,418,400	$3,579,400
Importance Code C	$395,100	$56,500
Total	**$1,942,400**	**$4,786,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,200			
Interior Architecture	$55,200		$10,600	$22,600
Electrical	$4,400	$4,900	$4,900	$3,400
Mechanical	$40,100	$26,000	$54,300	$26,000
Total	**$104,900**	**$30,900**	**$69,800**	**$52,000**
Importance Code A	$5,200	$14,900	$15,200	$14,900
Importance Code B	$99,700	$16,000	$54,600	$37,100
Importance Code C				
Total	**$104,900**	**$30,900**	**$69,800**	**$52,000**

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

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$78,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	55%			LIFE	* *	5	$42,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%	0-2	$92,300	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Steps								
Pre-Cast Concrete	20%			LIFE	* *	5	$50,700	
Windows								
Aluminum	99%			2046	* *	5	$19,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	1%			2033	* *	10	$1,200	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$106,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	10%			2037	* *	5-10	$8,900	
Roof								
Modified Bitumen	100%			2034	* *	10	$96,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,700	
Ceramic Tile	5%	0-2	$10,900	2033	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$52,400	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%			2029	* *	3	$90,200	
Wood	5%			2064	* *	5	$21,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$49,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$43,300	2033	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	Now	$302,200	LIFE	* *	5	$56,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	0-2	$53,600	2029	* *	5	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$17,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C / D								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	20%			LIFE	* *	5	$55,200	
Plaster	15%	0-2	$21,700	LIFE	* *	5	$20,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$600	
Raceway								
Conduit	100%			2024	$247,500	1		
Panelboards								
Fused Disc Sw	20%			2023	$44,800	5	$700	
Molded Case Bkrs	60%			2023	$134,500	5	$2,200	
Molded Case Bkrs	20%			2032	* *	5	$700	

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

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$173,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	88%			2024	$1,473,400	10	$121,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2024	$24,100	10	$100	
Incandescent	10%			2019	$167,400	2	$300	
Egress Lighting								
Emergency, Service	40%			2032	* *	1		
Exit, Service	60%			2032	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$10,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$441,200	1-3	$26,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$7,400	2034	* *	5	$23,300	
Unit Inoperable, Extent : Light, Area Affected : 2%								
Location : 1 Oil Transfer Pump Down								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 10,000 Gallon Tanks								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$36,700	2022	$733,800	1	$134,400	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Basement Boiler Room, 1 Of 3 Defective Boiler Burner								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room,3 Of 3 Defective Boiler Burner Control Panel Units Are Operating Unreliably								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (3) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$52,600	2024	$1,052,500	4	$7,400	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Return Piping Throughout								
Terminal Devices								
Air Handler	30%	Now	$12,200	2019	$243,800	1	$25,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Defective Fresh Air Intake Damper Actuators On All Blowers								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Penthouse Fan Rooms, Blowers								
Convector/Radiator	70%	Now	$99,700	2029	* *	1	$30,700	
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Throughout, Leaky Pneumatic Thermostats And Lines								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2022	$77,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,000	
Exhaust Fans								
Interior	30%			2019	$50,000	2	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Auditorium And Gym								
Roof	70%	Now	$8,400	2019	$83,900	2	$2,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roofs, Multiple Mechanical And / Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof Exhaust Fans								
Plumbing								

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

DEPARTMENT OF EDUCATION - 040

I. S. 43 - BK (I. S. 98 - BK)

Asset # : 2625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$900	2034	* *	4	$14,900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Leaky Steam Coil Bundle								
Sanitary Piping								
Cast Iron	100%	0-2	$6,500	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 10%								
Location : Classroom Laboratory Sinks								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	$8,400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

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

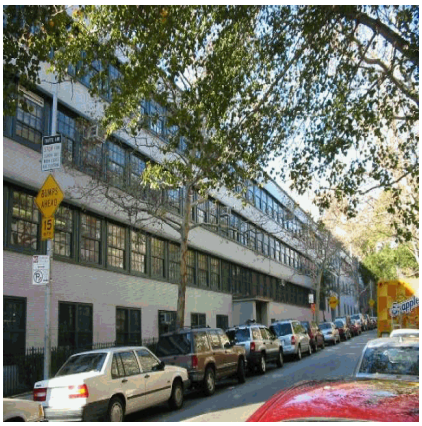
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 44 - M**				
Address	: **100 WEST 77 STREET @COLUMBUS AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M044**	
Program / Asset #	: **BOE0025.000 / 1665**		**Yr Built/Renovated**	: **1957 / 2001**	
Area Sq Ft	: **143,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **15-Nov-2012**		**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **1148**	**Lot** : **14**	**BIN**	: **1030178**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$832,500	$130,700
Interior Architecture	$163,700	$1,806,600
Electrical	$891,400	$3,315,400
Mechanical	$490,000	$961,800
Total	**$2,377,600**	**$6,214,600**
Importance Code A	$878,400	$946,600
Importance Code B	$1,442,200	$5,219,700
Importance Code C	$57,100	$48,200
Total	**$2,377,600**	**$6,214,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$52,000	
Interior Architecture		$23,000	$38,200	
Electrical	$27,100	$5,500	$81,200	$5,200
Mechanical	$64,300	$32,700	$94,900	$25,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$95,400**	**$65,100**	**$270,200**	**$34,200**
Importance Code A	$15,200	$15,200	$67,200	$15,200
Importance Code B	$80,200	$49,900	$203,100	$19,000
Importance Code C				
Total	**$95,400**	**$65,100**	**$270,200**	**$34,200**



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

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$130,700	
Windows								
Aluminum	100%	Now	$712,500	2040	* *	5	$25,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,500	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,600	
Roof								
Built-Up (BUR)	75%			2029	* *	10	$119,900	
Copper/Terne	5%			2039	* *	10	$20,000	
IRMA/Protected Membrane	20%			2029	* *	10	$32,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,100	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	80%			2024	$1,706,400	3	$68,900	
Vinyl Tile	5%			2019	$106,700	3	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooms								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%			2039	* *	5	$21,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,400	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	5%	Now	$57,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room								
Plaster	60%			LIFE	* *	5	$48,200	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$52,000	
Exposed Concrete	40%			LIFE	* *	5	$13,000	
Metal Panel	20%			LIFE	* *	5	$52,000	
Plaster	15%			LIFE	* *	5	$19,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Room 222								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$45,900	2054	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Molded Case Bkrs	90%			2024	$216,200	5	$3,400	
Molded Case Bkrs	10%			2044	* *	5	$400	
Raceway								
Conduit	100%			2024	$270,300	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	80%			2023	$196,000	5	$3,000	
Molded Case Bkrs	10%			2040	* *	5	$400	
Wiring								
Braided Cloth	80%	0-2	$303,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$100,600	5	$800	
Locally Mounted	20%	2-4	$25,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2024	$1,489,400	10	$112,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2024	$18,600	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
Fluorescent	16%			2024	$297,900	10	$22,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2019	$26,800	10	$100	
Incandescent	1%			2019	$18,600	2		
Egress Lighting								
Emergency, Battery	25%			2019	$56,500	10	$9,300	
Emergency, Battery	25%			2029	* *	10	$9,300	
Exit, Service	25%			2029	* *	1		
Exit, Service	25%			2019	$11,300	1		

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

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$590,000	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$485,400	2034	* *	1-3	$24,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$47,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2022	$815,900	1	$151,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers Are Approaching End Of Their Useful Life Cycle								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (3) #2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$23,400	2034	* *	4	$7,600	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	20%			2019	$180,700	1	$19,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms, Blowers Are Approaching End Of Their Useful Life Cycle								
Convector/Radiator	80%	0-2	$126,700	2029	* *	1	$35,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Steam Traps, Thermostats And Control Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	20%	0-2	$6,900	2022	$68,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Administrative Offices And Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	
Exhaust Fans								
Interior	20%			2019	$37,100	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms, Exhaust Fans Are Approaching End Of Their Useful Life Cycle								
Roof	80%			2019	$106,600	2	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, Exhaust Fans Areapproaching End Of Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$39,000	2024	$39,000	2	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Unreliable Burner Operation								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$22,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$12,100	2034	* *	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,100	
Chemical System								
Dry	100%			2019	$28,500	1-3	$50,600	

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

DEPARTMENT OF EDUCATION - 040

I. S. 44 - M

Asset # : 1665

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 45 - BX (J. H. S. 45 - BX)**
Address : **2502 LORILLARD PLACE BTWN: E. FORDHAM RD. - E.189 ST.**
Borough : **BRONX** **Agency's Number** : **X045**
Program / Asset # : **BOE0188.000 / 517** **Yr Built/Renovated** : **1912 / 2002**
Area Sq Ft : **120,000** **Project Type** : **EDUCATION**
Date of Survey : **23-Aug-2011** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,3**
Block : **3067** **Lot** : **1** **BIN** : **2011937**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,600	$650,100
Interior Architecture	$1,088,200	$596,800
Electrical	$966,200	$468,900
Mechanical	$317,500	$1,485,700
Total	**$2,446,500**	**$3,201,600**
Importance Code A	$74,600	$681,700
Importance Code B	$2,262,900	$2,151,600
Importance Code C	$109,000	$368,400
Total	**$2,446,500**	**$3,201,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$75,800		$27,400	
Interior Architecture	$62,800	$5,000	$12,500	$7,500
Electrical	$12,200	$68,900	$2,900	$2,400
Mechanical	$61,600	$46,300	$29,700	$18,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$216,300**	**$124,100**	**$76,500**	**$32,700**
Importance Code A	$108,300	$13,500	$40,600	$13,200
Importance Code B	$85,800	$110,700	$35,900	$19,400
Importance Code C	$22,200			
Total	**$216,300**	**$124,100**	**$76,500**	**$32,700**

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

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	0-2	$39,500	LIFE	* *	5	$37,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%	0-2	$22,000	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$34,000	
Masonry: Limestone	5%	0-2	$13,300	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$54,700	
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$19,900	LIFE	* *	5	$19,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	0-2	$7,400	LIFE	* *	5	$2,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$17,900	
Masonry: Limestone	10%	0-2	$13,400	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	30%			2028	* *	10	$35,100	
Built-Up (BUR)	50%			2023	$267,800	10	$58,500	
Paver: Asphalt	20%			2026	$209,600	10	$35,100	
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%	0-2	$7,300	LIFE	* *	5	$30,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2026	$116,200	5	$6,000	
Vinyl Tile	30%	0-2	$102,000	2018	$509,800	3	$22,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout 9 X 9 Tiles								
Vinyl Tile	50%			2028	* *	3	$37,500	
Wood	10%	4+	$131,800	2038	* *	5	$18,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	0-2	$36,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2026	$313,800	5	$11,400	
Masonry: Brick	5%	Now	$22,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$73,000	LIFE	* *	5	$54,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Corridor In Basement Opposite Band Room								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$10,000	
Metal Panel	5%	Now	$33,300	LIFE	* *	5	$12,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Basement Throughout Vaulted Ceiling								
Plaster	90%	Now	$235,700	LIFE	* *	5	$112,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2023	$31,500	5	$400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch For Service A & Service B								
Fused Disc Sw	25%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$500	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$9,000	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Area								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Some Of The Basement								
Molded Case Bkrs	75%			2022	$134,500	5	$2,400	
Molded Case Bkrs	20%			2045	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$110,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$32,000	10	$100	
Incandescent	7%			2018	$103,800	2	$200	
Egress Lighting								
Emergency, Battery	50%			2018	$90,100	10	$16,100	
Exit, Service	50%			2018	$18,000	1		
Exterior Lighting								
HID	100%			2018	$453,200	10	$400	
Alarm								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$22,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$32,500	2036	* *	1	$119,000	
Not Insulated, Extent : Severe, Area Affected : 30%								
Location : #3 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$46,600	2033	* *	4	$6,600	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Thermostats, Various Locations								
Terminal Devices								
Air Handler	20%			2018	$144,000	1	$16,500	
Convector/Radiator	80%			2021	$1,009,000	1	$34,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$27,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,500	
Exhaust Fans								
Interior	50%	Now	$7,400	2018	$73,800	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Roof	50%	Now	$5,300	2018	$53,100	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	$398,800	1		
Water Heater								
Gas Fired	100%			2022	$31,100	2	$1,900	

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

DEPARTMENT OF EDUCATION - 040

I. S. 45 - BX (J. H. S. 45 - BX)

Asset # : 517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$78,000	1-2	$1,900	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 49 - BK**
Address : **223 GRAHAM AVENUE BTWN: STAGG ST., TEN EYCK ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K049**
Program / Asset # : **BOE0378.000 / 1402** | **Yr Built/Renovated** : **1937 / 2010**
Area Sq Ft : **198,952** | **Project Type** : **EDUCATION**
Date of Survey : **04-Nov-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3025** **Lot** : **1** | **BIN** : **3070825**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,986,900	$157,000
Interior Architecture	$1,288,100	$819,400
Electrical	$1,655,000	$652,100
Mechanical	$942,000	$279,700
Total	**$5,872,000**	**$1,908,200**
Importance Code A	$1,986,900	$178,000
Importance Code B	$3,885,100	$1,665,700
Importance Code C		$64,500
Total	**$5,872,000**	**$1,908,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,000			
Interior Architecture		$6,200	$22,200	$33,100
Electrical	$36,500	$2,200	$1,800	$24,100
Mechanical	$70,900	$37,100	$54,200	$66,900
Total	**$151,400**	**$45,500**	**$78,200**	**$124,100**
Importance Code A	$65,900	$21,900	$21,900	$22,300
Importance Code B	$85,500	$23,600	$50,600	$101,700
Importance Code C			$5,700	
Total	**$151,400**	**$45,500**	**$78,200**	**$124,100**

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

DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$436,800	LIFE	* *	5	$72,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Masonry: Granite	3%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%	Now	$87,900	LIFE	* *	5	$3,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Masonry: Marble	2%	2-4	$38,700	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%			2050	* *	5	$88,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	2%	Now	$50,900	2050	* *	5	$9,100	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Parapets								
Masonry: Brick	95%	Now	$463,900	LIFE	* *	5	$40,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face East Side								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%	4+	$22,100	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	68%	Now	$603,900	2035	* *			
Air/Water Blisters, Extent : Moderate, Area Affected : 30%								
Location : Over Third Floor								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Room 323								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Over Room 323								
Copper/Terne	25%	Now	$260,400	2040	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Metal Panel	5%	0-2	$21,900	2038	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	2%			2055	* *	10	$12,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$68,900	LIFE	* *	5	$36,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$16,600	
Terrazzo	5%			LIFE	* *	5	$12,900	
Vinyl Tile	20%			2025	$563,500	3	$24,800	
Vinyl Tile	10%			2033	* *	3	$12,400	
Vinyl Tile	5%			2030	* *	3	$6,200	
Vinyl Tile	20%	Now	$563,500	2035	* *	3	$24,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor								
Explanation : 9x9 Tiles								
Wood	30%	Now	$655,700	2040	* *	5	$93,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms, Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Classrooms, Gymnasium								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$11,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$64,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$33,100	
AcousTileSusp.Lay-In	5%			2030	* *	5	$16,500	
Exposed Concrete	55%			LIFE	* *	5	$28,400	
Plaster	30%			LIFE	* *	5	$62,000	

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

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

I. S. 49 - BK

Asset # : 1402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2045	* *	5	$200	
Fused Disc Sw	25%			2025	$61,100	5	$200	
Fused Knife Sw	50%	2-4	$122,200	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2025	$231,200	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$500	
Fused Knife Sw	10%	2-4	$25,400	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2041	* *	5	$4,200	
Wiring								
Braided Cloth	60%	2-4	$233,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$700	
Locally Mounted	50%			2023	$57,600	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	15%			2020	$368,900	10	$30,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	73%			2030	* *	10	$148,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2025	$35,300	10	$100	
Incandescent	10%			2025	$245,900	2	$500	
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$21,400	
Exit, Service	60%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$751,400	10	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$14,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Gallon Tank For #2								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$219,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$16,400	
Terminal Devices								
Air Handler	20%			2030	* *	1	$27,400	
Convector/Radiator	60%			2030	* *	1	$42,900	
Fan Coil Unit/Heat	20%			2020	$663,000	1	$14,300	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - BK

Asset # : 1402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2020	$227,500	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$123,400	
Exhaust Fans								
Interior	95%			2033	* *	2	$6,400	
Roof	5%			2030	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	66%			2051	* *	1		
Galv Iron/Steel	34%			2023	$224,800	1		
Water Heater								
Gas Fired	100%			2020	$51,500	2	$3,200	
Sanitary Piping								
Cast Iron	100%	Now	$24,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Court Yards								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Duplex Sets								
Backflow Preventer								
Generic	100%			2033	* *	1	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Service								
Explanation : 3 Sets, Recently Installed								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2045	* *	1-2	$1,900	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 49 - SI**		
Address	**: 101 WARREN STREET @HILL ST.**		
Borough	**: STATEN ISLAND**	**Agency's Number**	**: R049**
Program / Asset #	**: BOE0934.000 / 1440**	**Yr Built/Renovated**	**: 1962 / 2006**
Area Sq Ft	**: 136,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 04-Jan-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 556** **Lot : 80**	**BIN**	**: 5014184**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$3,872,100
Interior Architecture	$225,700	$110,400
Electrical	$439,000	$1,519,400
Mechanical	$218,300	$272,200
Total	**$883,000**	**$5,774,100**
Importance Code A	$35,500	$3,914,100
Importance Code B	$847,400	$1,814,100
Importance Code C		$45,900
Total	**$883,000**	**$5,774,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$24,700	$42,300	
Interior Architecture	$76,700	$5,500	$10,200	$21,800
Electrical	$5,300	$5,500	$42,200	$5,000
Mechanical	$26,800	$34,800	$122,700	$22,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$112,700**	**$74,400**	**$221,400**	**$52,900**
Importance Code A		$39,100	$57,100	$14,500
Importance Code B	$80,500	$35,200	$164,300	$38,400
Importance Code C	$32,300			
Total	**$112,700**	**$74,400**	**$221,400**	**$52,900**

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

DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$58,300	
Masonry: Brick	80%			LIFE	* *	5	$99,500	
Metal Panel	10%			2044	* *	5-10	$85,500	
Windows								
Aluminum	100%			2023	$2,067,600	5	$49,300	
Roof								
Copper/Terne	5%			2039	* *	10	$19,000	
IRMA/Protected Membrane	95%			2024	$1,440,100	10	$144,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,900	
Ceramic Tile	5%			2033	* *	5	$10,900	
Terrazzo	5%	0-2	$25,400	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout								
Vinyl Tile	70%			2029	* *	3	$76,400	
Vinyl Tile	10%	0-2	$185,700	2034	* *	3	$8,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout								
Wood	5%			2039	* *	5	$20,500	
Interior Walls								
Cast in Place Concrete	4%	0-2	$32,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5% Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,200	
Glazed Ceramic Panel	1%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$45,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$40,000	2029	* *	5	$30,900	
Broken/Missing Elements, Extent : Light, Area Affected : 30% Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$15,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$64,600			
Plaster	15%			LIFE	* *	5	$18,500	

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

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$600	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$33,600	5	$500	
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	5%			2040	* *	5	$200	
Molded Case Bkrs	75%			2023	$168,200	5	$2,700	
Wiring								
Braided Cloth	75%	0-2	$260,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	15%			2024	$52,100	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$129,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	3%			2019	$48,600	2	$100	
Egress Lighting								
Emergency, Service	25%			2019	$17,900	1		
Emergency, Battery	25%			2024	$49,200	10	$8,800	
Exit, Service	50%			2019	$19,700	1		
Exterior Lighting								
HID	100%			2024	$513,600	10	$400	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$102,900	1	$12,700	

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$30,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$45,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 10,000 Gallon Tanks Recently Converted From #6 To #4 Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$35,500	2029	* *	1	$130,100	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Sub Basement, Crumbling Refractory Around 2 Of 3 Boiler Burner								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$10,800	
Terminal Devices								
Air Handler	30%			2024	$236,000	1	$27,100	
Convector/Radiator	70%			2029	* *	1	$33,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$18,000	2019	$90,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Throughout Classrooms Multiple Mechanical And Or Electrical Deficiencies								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor Classrooms								
Explanation : 8 Units With Incompatible Voltage Source								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,400	
Exhaust Fans								
Interior	20%			2019	$32,300	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Roof	80%			2019	$92,800	2	$3,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : The Roof Top Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Plumbing								

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

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DEPARTMENT OF EDUCATION - 040

I. S. 49 - SI

Asset # : 1440

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$33,900	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$21,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	75%			2029	* *	4	$1,800	
Submersible	25%			2018	$1,700	4	$600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Basement To Street Level							
	Explanation : The Unit Has Been Condemed							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2034	* *	1-2	$12,300	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 52 - M**		
Address	**: 650 ACADEMY STREET @VERMILYEA AVE.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M052**
Program / Asset #	**: BOE0031.000 / 1672**	**Yr Built/Renovated**	**: 1905 / 2006**
Area Sq Ft	**: 137,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 13-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,5**		
Block	**: 2233** **Lot : 20**	**BIN**	**: 1076776**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$429,100	$67,400
Interior Architecture		$1,044,100
Electrical	$1,202,700	$2,248,200
Mechanical	$622,200	$758,300
Total	**$2,254,000**	**$4,118,100**
Importance Code A	$429,100	$88,400
Importance Code B	$1,824,800	$3,971,200
Importance Code C		$58,400
Total	**$2,254,000**	**$4,118,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,200			
Interior Architecture	$52,100	$11,400	$21,400	$10,000
Electrical	$4,900	$5,500	$68,000	$3,800
Mechanical	$54,300	$30,500	$61,100	$23,500
Total	**$130,600**	**$47,500**	**$150,500**	**$37,300**
Importance Code A	$34,300	$15,100	$15,400	$15,100
Importance Code B	$89,800	$32,400	$135,100	$22,200
Importance Code C	$6,500			
Total	**$130,600**	**$47,500**	**$150,500**	**$37,300**

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

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$29,300	
Masonry: Brick	90%			LIFE	* *	5	$67,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	40%			2046	* *	5	$27,800	
Aluminum	60%	Now	$349,000	2032	* *	5	$20,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 1905 Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 1905 Wing								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping 1905 Wing								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping 1905 Wing								
Masonry: Brick	80%			LIFE	* *	5	$15,500	
Metal Rail	15%	Now	$15,500	2029	* *	5	$20,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : 1960 Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : 1960 Wing								
Roof								
Copper/Terne	5%			2052	* *	10	$11,100	
IRMA/Protected Membrane	90%			2029	* *	10	$80,100	
Roll Roofing	5%	Now	$3,700	2023	$18,400	5	$3,700	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Rooms 514 And 521								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Rooms 514 And 521								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,900	
Ceramic Tile	5%			2027	* *	5	$11,400	
Vinyl Tile	35%			2032	* *	3	$39,900	
Vinyl Tile	40%			2024	$776,000	3	$34,200	
Wood	10%			2039	* *	5	$42,800	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$13,000	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$58,400	
SGFT/Glazed Masonry	10%			LIFE	* *			

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$7,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$74,400			
Metal Panel	10%			LIFE	* *	5	$28,500	
Plaster	50%			LIFE	* *	5	$71,200	
Plaster	10%	Now	$29,900	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 514, 521 Stair 2/3								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 514, 521, Stair 2/3								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Fused Disc Sw	50%			2034	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$600	
Raceway								
Conduit	20%			2034	* *	1		
Conduit	80%			2024	$198,000	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$300	
Molded Case Bkrs	50%			2023	$112,100	5	$1,800	
Molded Case Bkrs	40%			2032	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$500	
Locally Mounted	50%			2029	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2019	$1,016,000	10	$83,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	38%			2024	$643,500	10	$53,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2019	$24,300	10	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$102,800	10	$18,400	
Exit, Service	50%			2019	$20,600	1		
Exterior Lighting								
HID	100%			2024	$517,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$425,700	1-3	$25,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$47,200	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$151,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$106,400	2034	* *	4	$7,500	
Broken, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$12,300	2019	$246,600	1	$25,500	
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Sub Basement								
Convector/Radiator	50%			2029	* *	1	$24,600	
Fan Coil Unit/Heat	20%	Now	$45,700	2024	$456,500	1	$8,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Class Rooms								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2029	* *	1	$7,100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Window/Wall Unit	60%			2019	$188,000	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2044	* *	4	$800	
No Component	90%							
Terminal Devices								
Direct Expansion	10%			2029	* *	1		
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	* *	2	$10,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,000	
Exhaust Fans								
Interior	30%			2024	$50,600	2	$1,400	
Roof	70%			2029	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$9,100	2034	* *	1		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : 1 Booster Pump Doesn't Work								
Water Heater								
Gas Fired	100%	Now	$35,500	2024	$35,500	2	$1,800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$22,600	

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

DEPARTMENT OF EDUCATION - 040

I. S. 52 - M

Asset # : 1672

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Sub Basement								
Explanation : Sump Pump Is Undersized Causing Water To Back Up When It Rains								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2024	$178,000	1-2	$4,300	
Chemical System								
No Component	98%							
Generic	2%	Now	$500	2024	$500	1-3	$900	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Explanation : Obsolete Unit								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 53 - Q**
Address : **10-45 NAMEOKE STREET @DINSMORE AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q053**
Program / Asset # : **BOE0710.000 / 2273** | **Yr Built/Renovated** : **1973 / 2000**
Area Sq Ft : **164,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Oct-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **15557** **Lot** : **25** | **BIN** : **4298234**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$329,500	$713,800
Interior Architecture	$775,400	$72,500
Electrical		$3,837,200
Mechanical	$281,600	$203,200
Total	**$1,386,500**	**$4,826,600**
Importance Code A	$329,500	$755,800
Importance Code B	$1,057,000	$3,998,300
Importance Code C		$72,500
Total	**$1,386,500**	**$4,826,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$800	$11,200	
Interior Architecture	$7,500	$22,500	$15,300	$1,600
Electrical	$55,400	$6,900	$7,600	$6,100
Mechanical	$118,800	$148,300	$42,500	$27,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$185,700**	**$182,500**	**$80,600**	**$39,500**
Importance Code A	$17,200	$18,400	$28,500	$17,200
Importance Code B	$164,800	$164,100	$52,100	$22,300
Importance Code C	$3,600			
Total	**$185,700**	**$182,500**	**$80,600**	**$39,500**

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

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$22,500	
Masonry: Brick	70%			LIFE	* *	5	$63,100	
Metal/Glass Curt Wall	25%			LIFE	* *	5	$42,200	
Windows								
Aluminum	100%			2039	* *	5	$22,400	
Parapets								
Masonry: Brick	87%			LIFE	* *	5	$11,600	
Metal Panel	3%			2043	* *	5	$1,500	
Metal Rail	10%			2036	* *	5-10	$24,000	
Roof								
Built-Up (BUR)	55%			2023	$280,900	10	$61,300	
Modified Bitumen	35%			2023	$227,300	10	$39,000	
Skylight, Metal/Glass	10%	Now	$329,500	2043	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Rooms 227, 231, 455 And Various Others								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Rooms 227, 231, And 455 And Various Others								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	3%			2032	* *	5	$7,800	
Terrazzo	5%			LIFE	* *	5	$10,200	
Vinyl Tile	30%			2028	* *	3	$29,300	
Vinyl Tile	17%			2028	* *	3	$16,600	
Vinyl Tile	5%	0-2	$110,800	2033	* *	3	$4,900	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Boys And Girls Locker Rooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Boys And Girls Locker Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boys And Girls Locker Rooms								
Vinyl Tile	30%			2018	$664,700	3	$29,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2051	* *	5	$24,400	

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

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	35%			LIFE	* *			
Ceramic Tile	2%			2032	* *	5	$7,300	
Concrete Masonry Unit	50%			LIFE	* *	5	$72,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Glass: Single Pane	3%			LIFE	* *	5	$8,200	
Masonry: Brick	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$25,500	
Exposed Concrete	80%			LIFE	* *	5	$31,900	
Plaster	10%			LIFE	* *	5	$15,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$197,900	5	$600	
Fused Disc Sw	10%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$200	
Fused Toggle Switch	5%	2-4	$12,700	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2022	$216,000	5	$3,700	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	10%	2-4	$34,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	75%			2023	$260,500	1		
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$900	
Locally Mounted	20%			2028	* *	5	$200	
Ground								

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

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$1,837,100	10	$151,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2023	$41,700	10	$200	
Incandescent	2%			2023	$38,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$117,400	10	$21,000	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2023	$619,400	10	$500	
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$24,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$40,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors And Horns.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$53,900	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$172,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. 2 Heat Exchangers Converting To Hot Water For Radiaters								

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

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	70%	Now	$30,600	2031	* *	4	$6,000	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Throughout Basement								
Steam Piping/Pump	30%	Now	$18,200	2033	* *	4	$2,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%	Now	$5,600	2018	$281,600	1	$29,100	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Flexible Connections, Various Locations								
Convector/Radiator	70%	Now	$23,000	2028	* *	1	$35,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	8%			2018	$28,600	1		
No Component	92%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,100	
Exhaust Fans								
Interior	40%			2023	$77,000	2	$2,100	
Roof	60%			2023	$83,000	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%	Now	$10,800	2018	$27,000	4	$1,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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

DEPARTMENT OF EDUCATION - 040

I. S. 53 - Q

Asset # : 2273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$87,800	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,400	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 54 - M (J. H. S. 54 - M)**				
Address	: **103 WEST 107 STREET BTWN: COLUMBUS AVE., AMSTERDAM A**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M054**	
Program / Asset #	: **BOE0032.000 / 1673**		**Yr Built/Renovated**	: **1950 / 2009**	
Area Sq Ft	: **114,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Dec-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1862**	**Lot** : **11**	**BIN**	: **1055990**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$328,900	$43,800
Interior Architecture	$892,100	$115,900
Electrical	$1,087,600	$519,700
Mechanical	$271,100	$304,200
Total	**$2,579,700**	**$983,600**
Importance Code A	$328,900	$85,800
Importance Code B	$1,869,300	$858,900
Importance Code C	$381,500	$38,900
Total	**$2,579,700**	**$983,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$13,300		
Interior Architecture	$31,000	$19,900		$500
Electrical	$19,200	$1,700	$2,500	$34,500
Mechanical	$32,100	$22,000	$32,400	$118,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$90,200**	**$64,800**	**$42,800**	**$161,400**
Importance Code A	$12,400	$25,900	$12,600	$12,800
Importance Code B	$59,900	$38,900	$30,200	$148,600
Importance Code C	$18,000			
Total	**$90,200**	**$64,800**	**$42,800**	**$161,400**

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

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$43,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Windows								
Aluminum	100%	Now	$217,800	2041	* *	5	$26,000	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 202								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$18,200	
Masonry: Limestone	20%			LIFE	* *	5	$6,100	
Metal Rail	5%			2038	* *	5-10	$21,900	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$111,100	
Interior								
Floors								
Cast in Place Concrete	1%	Now	$2,000	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	2-4	$11,000	2028	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$7,400	
Vinyl Tile	84%			2033	* *	3	$59,800	
Vinyl Tile 9" X 9"	2%	2-4	$41,800	2035	* *	3	$1,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%	4+	$62,600	2040	* *	5	$8,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$68,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$6,000	2028	* *	5	$5,400	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	5%	2-4	$12,000	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$104,000	LIFE	* *	5	$38,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Stairs C And G Between 2nd And 3rd Floors And Gym								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$209,200	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%	Now	$264,300	2045	* *	5	$14,200	
Adhesion Failure, Extent : Severe, Area Affected : 100%								
Location : Gym								
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Gym								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Gym								
Exposed Concrete	20%	4+	$61,000	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	2-4	$80,900	LIFE	* *	5	$77,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Service Room								
Explanation : Two 800 Amps Main Disconnect Switch								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2055	* *	5	$100	
Fused Knife Sw	70%	Now	$136,800	2055	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	95%			2025	$198,200	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Fused Knife Sw	10%	Now	$17,900	2050	* *	5	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Extended Life								
Molded Case Bkrs	75%			2024	$134,500	5	$2,300	
Molded Case Bkrs	5%			2050	* *	5	$200	
Wiring								
Braided Cloth	85%	0-2	$253,600	2050	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Thermoplastic	10%			2025	$29,800	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$110,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2020	$70,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$85,500	10	$15,300	
Exit, Service	50%			2020	$17,100	1		
Exterior Lighting								
HID	100%			2020	$430,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

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

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$39,300	
Conversion Equipment								
Steam Boiler	100%	Now	$12,400	2030	* *	1	$113,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Pneumatic Controls, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$88,600	2035	* *	4	$6,300	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Return Line Is Leaking, Rm # B15 & B17 In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Multiple Locations								
Explanation : Lack Of Thermostat To Adjust Classrooms Temperature								
Terminal Devices								
Air Handler	25%	Now	$3,400	2025	$171,000	1	$17,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Pneumatic Controls, Boiler Room								
Convector/Radiator	75%			2030	* *	1	$30,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$182,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,700	
Exhaust Fans								
Interior	95%	Now	$2,700	2025	$133,200	2	$3,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gym								
Explanation : Dampers Not Working Properly								
Roof	5%			2020	$5,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$29,500	2	$1,800	
HW Heat Exchanger								
Low Temp	100%	Now	$2,000	2035	* *	4	$12,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								

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

DEPARTMENT OF EDUCATION - 040

I. S. 54 - M (J. H. S. 54 - M)

Asset # : 1673

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : (1) S B To 1 (1) B-1								
Explanation : 2 Units - They Are Not Currently In Service								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,600	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 55 - BK**				
Address	: **2021 BERGEN STREET @ T. S. BOYLAND ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K055**	
Program / Asset #	: **BOE0383.000 / 1405**		**Yr Built/Renovated**	: **1968 / 2012**	
Area Sq Ft	: **164,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **14-Mar-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **1448**	**Lot** : **1**	**BIN**	: **3038939**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,051,300	$90,100
Interior Architecture	$2,508,900	$306,900
Electrical	$901,200	$2,868,500
Mechanical	$564,000	$2,729,900
Total	**$5,025,400**	**$5,995,300**
Importance Code A	$1,093,700	$937,200
Importance Code B	$3,702,100	$5,003,800
Importance Code C	$229,600	$54,400
Total	**$5,025,400**	**$5,995,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$48,800			$29,300
Electrical	$6,500	$26,800	$5,700	$4,600
Mechanical	$50,700	$48,000	$39,600	$24,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$109,900**	**$78,700**	**$49,300**	**$62,100**
Importance Code A	$16,400	$17,600	$17,200	$17,200
Importance Code B	$93,500	$61,100	$32,000	$44,800
Importance Code C				
Total	**$109,900**	**$78,700**	**$49,300**	**$62,100**

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

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$90,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$939,800	2048	* *	5	$11,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout, In Contract For Replacemnt								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Courtyard								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	5%			2036	* *	5-10	$12,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Security Bars	5%			2038	* *			
Roof								
Built-Up (BUR)	100%			2028	* *	10	$111,500	
Interior								
Floors								
Ceramic Tile	5%			2026	$252,500	5	$13,000	
Vinyl Tile	90%	0-2	$199,400	2018	$1,994,000	3	$87,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%	0-2	$85,900	2038	* *	5	$12,200	
Dry Rot/Decay, Extent : Light, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	50%	0-2	$145,400	LIFE	* *	5	$54,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	0-2	$84,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout.								

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

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	0-2	$23,700	2036	* *	5	$25,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5	$25,900	
Plaster	15%	0-2	$25,100	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protectors Rated @ 2500 And 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$50,800	5	$800	
Molded Case Bkrs	70%			2022	$177,900	5	$3,000	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$1,000	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								

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

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$1,895,100	10	$156,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2018	$38,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$21,000	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$619,400	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$30,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 15,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	5%	Now	$42,400	2043	* *	1	$7,800	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Leaky Casing On 1 Of 3 Boilers								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Defective Chemical Feed Pumping System								
Steam Boiler	95%			2021	$805,100	1	$163,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	10%	Now	$121,600	2053	* *	4	$900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Condensate Pumps								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Steam Traps								
Steam Piping/Pump	90%			2033	* *	4	$11,600	

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

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2023	$187,700	1	$21,500	
Convector/Radiator	4%	0-2	$65,800	2043	* *	1	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Hallways And Vestibule, Defective Temperature Control System								
Convector/Radiator	16%			2028	* *	1	$9,000	
Fan Coil Unit/Heat	10%	0-2	$260,700	2033	* *	1	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms, Multiple Mechanical And Electrical Defects								
Fan Coil Unit/Heat	50%			2023	$1,303,300	1	$28,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$35,800	2023	$35,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Multiple Mechanical And Electrical Defects								
Window/Wall Unit	50%			2021	$178,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,100	
Exhaust Fans								
Interior	20%			2023	$38,500	2	$1,100	
Roof	10%	Now	$13,800	2033	* *	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, 3 Of 17 Units With Mutiple Mechanical And Electrical Defects								
Roof	70%			2023	$96,900	2	$3,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$40,500	2	$2,500	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,800	
Sanitary Piping								
Cast Iron	10%	Now	$37,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Risers								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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

DEPARTMENT OF EDUCATION - 040

I. S. 55 - BK

Asset # : 1405

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$4,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 59 - Q**		
Address	**: 132-55 RIDGEDALE STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q059**
Program / Asset #	**: BOE0714.000 / 2277**	**Yr Built/Renovated**	**: 1956 / 2008**
Area Sq Ft	**: 141,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 22-Mar-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 12723** **Lot : 76**	**BIN**	**: 4274083**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,900	$206,400
Interior Architecture	$647,200	$1,114,900
Electrical	$546,700	$1,584,000
Mechanical	$296,300	$560,900
Total	**$1,545,100**	**$3,466,200**
Importance Code A	$54,900	$206,400
Importance Code B	$1,490,200	$3,203,800
Importance Code C		$56,000
Total	**$1,545,100**	**$3,466,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$19,500		$27,300
Interior Architecture	$17,800	$20,900	$1,400	$22,600
Electrical	$28,500	$4,300	$4,300	$4,700
Mechanical	$21,900	$21,300	$33,600	$22,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$72,100**	**$69,900**	**$43,300**	**$80,700**
Importance Code A	$15,000	$34,800	$15,000	$42,300
Importance Code B	$57,100	$35,100	$28,300	$38,500
Importance Code C				
Total	**$72,100**	**$69,900**	**$43,300**	**$80,700**

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

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$19,500	
Masonry: Brick	48%			LIFE	* *	5	$66,600	
Metal/Glass Curt Wall	35%			LIFE	* *	5	$91,100	
Metal Panel	7%			2043	* *	5-10	$66,800	
Granite Panels	2%			LIFE	* *	5	$2,100	
Panel/Paver: Limestone	5%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2045	* *	5	$54,600	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$3,100	
Masonry: Limestone	3%			LIFE	* *	5	$100	
Metal Panel	17%			2043	* *	5	$2,600	
Roof								
Built-Up (BUR)	95%	Now	$54,900	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Copper/Terne	5%			2051	* *	10	$15,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$24,800	
Ceramic Tile	2%			2032	* *	5	$4,500	
Terrazzo	3%			LIFE	* *	5	$5,300	
Vinyl Tile	5%			2031	* *	3	$4,200	
Vinyl Tile	25%	0-2	$481,300	2033	* *	3	$21,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	55%			2023	$1,058,900	3	$62,300	
Wood	5%			2038	* *	5	$21,200	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$7,900	
Concrete Masonry Unit	53%			LIFE	* *	5	$56,000	
Folding Partition	2%			2031	* *	5	$13,200	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$7,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$165,800	2043	* *	5	$12,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
AcousTileSusp.Lay-In	10%			2028	* *	5	$20,500	
Exposed Concrete	65%			LIFE	* *	5	$20,800	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$12,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	20%			2043	* *	5	$100	
Fused Knife Sw	80%	2-4	$175,900	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$22,400	2048	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	70%			2022	$157,000	5	$2,600	
Molded Case Bkrs	20%			2039	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2036	* *	5	$200	
Locally Mounted	80%			2021	$92,100	5	$800	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Meter Room								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	92%			2028	* *	10	$127,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	3%			2023	$50,400	10	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	2%			2023	$24,200	10	$100	
Incandescent	3%			2023	$50,400	2	$100	
Egress Lighting								
Emergency, Battery	20%			2023	$40,800	10	$7,300	
Exit, Service	80%			2023	$32,600	1		
Exterior Lighting								
HID	100%			2023	$532,500	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Staircase Landings								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$438,100	1-3	$26,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors,Manual Pull Stations, Strobe Lights								

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$149,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$105,600	2033	* *	4	$7,500	
Repairs In Progress, Extent : Light, Area Affected : 10%								
Location : Vacuum Pump. And It Is Out Of Order Frequently								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Traps Leaking Throughout								
Terminal Devices								
Air Handler	20%			2023	$163,100	1	$18,700	
Convector/Radiator	80%			2028	* *	1	$39,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$155,500	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,400	
Exhaust Fans								
Interior	30%			2023	$50,200	2	$1,400	
Roof	70%			2023	$84,200	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$225,900	1		
Water Heater								
Gas Fired	100%			2018	$35,200	2	$2,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								

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

DEPARTMENT OF EDUCATION - 040

I. S. 59 - Q

Asset # : 2277

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 61 - BK**
Address : **400 EMPIRE BOULEVARD @NEW YORK AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K061**
Program / Asset # : **BOE0388.000 / 2626** | **Yr Built/Renovated** : **1958 / 2012**
Area Sq Ft : **140,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-May-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1316** **Lot** : **15** | **BIN** : **3337872**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,641,700	$1,133,200
Interior Architecture	$1,383,500	$1,221,900
Electrical	$1,120,300	$953,400
Mechanical	$46,300	$246,400
Total	**$4,191,800**	**$3,554,900**
Importance Code A	$1,641,700	$1,175,200
Importance Code B	$2,358,000	$2,340,300
Importance Code C	$192,200	$39,400
Total	**$4,191,800**	**$3,554,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$60,700			
Interior Architecture	$8,100	$2,600		$22,500
Electrical	$5,000	$4,700	$48,500	$4,200
Mechanical	$29,900	$25,300	$32,600	$22,400
Total	**$103,800**	**$32,600**	**$81,100**	**$49,100**
Importance Code A	$75,600	$14,900	$15,200	$14,900
Importance Code B	$28,200	$15,100	$65,900	$34,200
Importance Code C		$2,600		
Total	**$103,800**	**$32,600**	**$81,100**	**$49,100**

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	32%	Now	$61,800	LIFE	* *	5	$41,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal/Glass Curt Wall	65%	0-2	$1,320,200	LIFE	* *	5	$156,000	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	3%	2-4	$16,900	LIFE	* *	5	$2,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$212,800	2032	* *	5	$25,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Main Entrance Lobby								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,800	
Masonry: Brick	25%			LIFE	* *	5	$1,200	
Metal Rail	65%			2037	* *	5-10	$57,300	
Roof								
Built-Up (BUR)	25%	Now	$9,000	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	75%	Now	$46,800	2024	$936,300			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$5,800	LIFE	* *	5	$24,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%			2027	* *	5	$4,500	
Ceramic Tile	3%	2-4	$130,700	2039	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,800	
Vinyl Tile	60%	0-2	$344,100	2024	$1,147,000	3	$50,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	20%	2-4	$382,300	2034	* *	3	$16,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 9x9 Units								
Wood	5%	4+	$148,300	2039	* *	5	$10,500	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	3%	Now	$86,900	2027	* *	5	$3,900	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	2%			2033	* *	5	$5,200	
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$105,300	LIFE	* *	5	$39,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%	Now	$132,500	2029	* *	5	$35,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	45%			LIFE	* *	5	$14,300	
Plaster	20%	0-2	$53,400	LIFE	* *	5	$25,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$219,900	5	$3,700	
Raceway								
Conduit	100%			2024	$247,500	1		
Panelboards								
Molded Case Bkrs	30%			2032	* *	5	$1,100	
Molded Case Bkrs	70%			2023	$157,000	5	$2,600	
Wiring								
Braided Cloth	70%	0-2	$243,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$104,200	1		
Motor Controllers								
Locally Mounted	50%	2-4	$57,600	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Locally Mounted	50%			2022	$57,600	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	25%			2029	* *	10	$34,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	65%			2029	* *	10	$89,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	10%			2019	$166,800	2	$300	
Egress Lighting								
Emergency, Service	30%			2019	$22,200	1		
Emergency, Battery	20%			2024	$40,500	10	$7,300	
Exit, Service	50%			2019	$20,300	1		
Exterior Lighting								
HID	100%			2019	$528,700	10	$400	
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$84,700	1	$10,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$26,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$148,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$11,100	
Terminal Devices								
Air Handler	15%			2024	$121,500	1	$13,900	
Convector/Radiator	85%			2029	* *	1	$41,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$46,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	20%			2024	$33,200	2	$900	
Roof	80%			2032	* *	2	$3,700	
Recent Replace Evident, Extent : Light, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$9,000	2034	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Water Main On Empire Blvd Side								

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

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - BK

Asset # : 2626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$34,900	2	$2,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$87,700	1-2	$2,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 61 - Q**		
Address	**: 98-50 50 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q061**
Program / Asset #	**: BOE0716.000 / 2259**	**Yr Built/Renovated**	**: 1966 / 2002**
Area Sq Ft	**: 237,717**	**Project Type**	**: EDUCATION**
Date of Survey	**: 31-Oct-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 1891** **Lot : 32**	**BIN**	**: 4046834**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,523,400	$514,800
Interior Architecture	$1,462,900	$774,100
Electrical	$545,800	$1,245,700
Mechanical	$232,300	$226,600
Total	**$3,764,400**	**$2,761,200**
Importance Code A	$1,523,400	$514,800
Importance Code B	$2,241,000	$2,246,400
Total	**$3,764,400**	**$2,761,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,000			$28,600
Interior Architecture		$39,100	$14,200	$24,500
Electrical	$19,200	$21,700	$21,400	$48,900
Mechanical	$66,000	$65,300	$73,400	$76,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$158,200**	**$134,100**	**$116,900**	**$186,800**
Importance Code A	$88,600	$23,500	$23,500	$52,700
Importance Code B	$69,600	$110,500	$93,300	$134,100
Importance Code C				
Total	**$158,200**	**$134,100**	**$116,900**	**$186,800**

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

I. S. 61 - Q

Asset # : 2259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	50%			LIFE	* *	5	$91,300	
Masonry: Brick Cavity	20%			LIFE	* *	5	$36,500	
Masonry: Limestone	3%			LIFE	* *	5	$4,100	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$17,100	
Pre-Cast Concrete	20%			LIFE	* *	5	$118,700	
Stucco Cement	2%			2042	* *	5	$9,100	
Windows								
Aluminum	92%			2047	* *	5	$26,900	
Metal Louvers	3%			2034	* *	10	$5,500	
Steel	5%	Now	$76,300	2050	* *	5	$9,100	
Air Infiltration, Extent : Light, Area Affected : 50%								
Location : Stairs								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick Cavity	10%			LIFE	* *	5	$3,200	
Metal Panel	5%	Now	$12,500	2045	* *	5	$3,100	
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Coping At West Side								
Metal Rail	20%			2038	* *	5-10	$117,200	
Metal Rail	15%			2042	* *	5-10	$87,900	
Pre-Cast Concrete	45%	Now	$52,300	LIFE	* *	5	$91,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Coping Near Elevator Bulkhead								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,200	
Roof								
Built-Up (BUR)	20%			2030	* *	10	$45,800	
Copper/Terne	5%			2040	* *	10	$28,600	
IRMA/Protected Membrane	70%	Now	$1,277,800	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Near Elevator On Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Near Elevator On Fourth Floor, Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Modified Bitumen	5%			2025	$66,700	10	$11,400	
Interior								

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$77,800	
Ceramic Tile	3%			2034	* *	5	$10,700	
Ceramic Tile	2%			2038	* *	5	$7,100	
Terrazzo	2%			LIFE	* *	5	$5,600	
Vinyl Tile	20%			2033	* *	3	$26,700	
Vinyl Tile	20%			2025	$605,100	3	$26,700	
Vinyl Tile 9" X 9"	35%	Now	$1,371,800	2035	* *	3	$46,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Wood	8%			2053	* *	5	$53,400	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Folding Partition	5%			2041	* *	5	$24,000	
Gypsum Board	5%			LIFE	* *	5	$5,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$23,100	
SGFT/Glazed Masonry	15%			LIFE	* *			
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$111,200	
AcousTileSusp.Lay-In	5%			2030	* *	5	$17,800	
AcousTileSusp.Lay-In	20%			2042	* *	5	$71,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Near Elevator								
Exposed Concrete	40%			LIFE	* *	5	$22,200	
Exposed Struc: Steel	10%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$244,400	5	$500	
Fused Disc Sw	50%			2045	* *	5	$500	
Raceway								
Conduit	70%			2025	$404,600	1		
Conduit	30%			2045	* *	1		

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$500	
Molded Case Bkrs	20%			2041	* *	5	$1,300	
Molded Case Bkrs	70%			2024	$334,800	5	$4,400	
Wiring								
Braided Cloth	70%	2-4	$545,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$1,300	
Locally Mounted	20%			2023	$46,000	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$73,100	
Generators								
Diesel	100%			2034	* *	1	$92,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated @ 300 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$53,000	
Fuel Storage								
Day Tank	50%			2041	* *	5	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2053	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	2%			2033	* *	10	$4,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fluorescent	97%			2033	* *	10	$211,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2033	* *			
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2030	* *	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$26,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2045	* *	5	$73,600	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$235,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$17,600	
Terminal Devices								
Air Handler	60%			2030	* *	1	$88,200	
Convector/Radiator	40%			2030	* *	1	$30,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$33,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 2 Units, New Wing Penthouse								
Window/Wall Unit	40%			2020	$195,500	1		
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$44,100	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	30%			2030	* *	2	$49,700	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$132,600	
Exhaust Fans								
Interior	60%			2030	* *	2	$4,400	
Roof	40%			2025	$75,600	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$55,300	2	$3,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$14,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4, (1) 1-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$36,000	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$20,000	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 2002 Wing								
Explanation : Partial Coverage								
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$13,300	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - Q

Asset # : 2259

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 61 - SI**				
Address	: **445 CASTLETON AVENUE @BRIGHTON AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R061**
Program / Asset #	: **BOE0943.000 / 1419**			**Yr Built/Renovated**	: **1971 / 2011**
Area Sq Ft	: **172,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **100**	**Lot**	: **100**	**BIN**	: **5002227**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$1,545,000
Interior Architecture	$985,000	$1,990,900
Electrical	$1,555,400	$617,600
Mechanical	$282,700	$1,751,400
Total	**$2,823,200**	**$5,904,900**
Importance Code A	$44,400	$1,574,400
Importance Code B	$2,317,500	$4,279,100
Importance Code C	$461,200	$51,300
Total	**$2,823,200**	**$5,904,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,000
Interior Architecture	$44,400			$26,300
Electrical	$5,400	$6,800	$53,600	$4,900
Mechanical	$32,900	$28,700	$72,100	$30,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$86,700**	**$39,400**	**$129,600**	**$76,500**
Importance Code A		$18,100	$18,300	$29,200
Importance Code B	$81,000	$21,300	$111,300	$47,300
Importance Code C	$5,700			
Total	**$86,700**	**$39,400**	**$129,600**	**$76,500**

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$42,000	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$136,600	
Windows								
Aluminum	100%			2040	* *	5	$22,100	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$8,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$54,800	
Roof								
IRMA/Protected Membrane	100%			2024	$1,165,400	10	$146,200	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$2,800	LIFE	* *	5	$29,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2027	* *	5	$8,200	
Terrazzo	5%	0-2	$31,800	LIFE	* *	5	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	77%	Now	$178,900	2024	$1,789,200	3	$78,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria And Corridors Throughout								
Wood	10%	4+	$45,100	2052	* *	5	$25,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$120,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	3%			2027	* *	5	$11,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,600	
Plaster	45%	0-2	$68,600	LIFE	* *	5	$51,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	37%	0-2	$272,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

I. S. 61 - SI

Asset # : 1419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	50%	Now	$124,300	2029	* *	5	$66,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridor(s), Cafeteria								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Cafeteria								
Plaster	50%	0-2	$175,500	LIFE	* *	5	$83,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classroom(s)								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps & One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$244,400	5	$700	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$38,100	5	$600	
Molded Case Bkrs	75%			2023	$190,600	5	$3,400	
Molded Case Bkrs	10%			2046	* *	5	$500	
Wiring								
Braided Cloth	75%	2-4	$292,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

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

I. S. 61 - SI

Asset # : 1419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$150,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	3%			2032	* *	10	$5,000	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	5%			2032	* *	10	$8,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lunch Room And Kitchen								
HID	2%			2024	$29,100	10	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$123,100	10	$22,000	
Exit, Service	50%			2019	$24,600	1		
Exterior Lighting								
HID	70%			2019	$454,700	10	$400	
HID	30%			2029	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$19,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$534,400	1-3	$31,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$56,600	
Conversion Equipment								
Steam Boiler	100%	Now	$44,400	2029	* *	1	$162,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$63,700	2044	* *	4	$9,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

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

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DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$196,900	1	$22,600	
Convector/Radiator	80%	Now	$27,600	2022	$1,379,700	1	$42,500	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : 1st Floor, 2nd Floor, 3rd Floor Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$93,800	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,800	
Exhaust Fans								
Interior	40%			2019	$80,700	2	$2,200	
Roof	60%			2024	$87,100	2	$3,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$42,500	2	$2,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2024	$1,800	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement : 3rd Floor								
Explanation : One Unit								
Fire Suppression								

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

DEPARTMENT OF EDUCATION - 040

I. S. 61 - SI

Asset # : 1419

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2044	* *	1-2	$12,800	
Chemical System								
Dry	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								
No Component	70%							

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 62 - BK**		
Address	**: 700 CORTELYOU ROAD @E. 7 STREET**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K062**
Program / Asset #	**: BOE0389.000 / 2754**	**Yr Built/Renovated**	**: 1957 / 1999**
Area Sq Ft	**: 133,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 07-Jan-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 5391 Lot : 1**	**BIN**	**: 3126842**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$149,500	$121,600
Interior Architecture	$222,400	$857,400
Electrical	$1,587,000	$507,300
Mechanical	$1,021,500	$523,800
Total	**$2,980,400**	**$2,010,000**
Importance Code A	$844,200	$163,600
Importance Code B	$2,136,300	$1,797,800
Importance Code C		$48,600
Total	**$2,980,400**	**$2,010,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,000		$3,700	
Interior Architecture	$79,200			$18,700
Electrical	$4,600	$3,500	$27,500	$3,300
Mechanical	$6,700	$21,600	$72,600	$28,600
Total	**$104,500**	**$25,100**	**$103,900**	**$50,600**
Importance Code A	$14,000	$14,100	$18,100	$14,100
Importance Code B	$84,300	$11,000	$85,800	$36,500
Importance Code C	$6,200			
Total	**$104,500**	**$25,100**	**$103,900**	**$50,600**

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

DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$121,600	
Windows								
Aluminum	98%	Now	$99,100	2040	* *	5	$23,600	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Steel	2%	Now	$50,400	2049	* *	5	$6,000	
Air Infiltration, Extent : Moderate, Area Affected : 0%								
Location : Throughout Areaways								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$3,900	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	10%	4+	$600	2029	* *	5	$3,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	98%	Now	$13,400	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 234, Around Storm Drain Location								
Copper/Terne	1%			2039	* *	10	$3,700	
Skylight, Metal/Glass	1%			2034	* *	10	$5,000	
Interior								
Floors								
Ceramic Tile	5%	Now	$20,700	2027	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilet(s)								
Terrazzo	5%	0-2	$24,800	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	0-2	$72,600	2024	$726,400	3	$32,000	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	30%	0-2	$10,900	2029	* *	3	$24,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	20%	4+	$70,400	2039	* *	5	$40,000	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$12,500	
Plaster	65%			LIFE	* *	5	$48,600	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$19,300	
Exposed Concrete	55%	4+	$68,400	LIFE	* *	5	$16,600	
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Classroom(s)								
Plaster	35%	4+	$17,800	LIFE	* *	5	$42,300	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	10%			2050	* *	5	$100	
Fused Knife Sw	90%	0-2	$197,900	2054	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Electric Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	20%			2023	$44,800	5	$600	
Molded Case Bkrs	80%			2032	* *	5	$2,800	
Wiring								
Braided Cloth	80%	2-4	$277,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2024	$69,500	1		
Motor Controllers								
Locally Mounted	100%	2-4	$115,100	2044	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$128,300	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : All Lamps Are T-8								
HID	2%			2019	$22,800	10	$100	
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2019	$502,300	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$80,500	1	$9,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$413,300	1-3	$24,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$351,500	5	$44,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$694,700	2044	* *	1	$127,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 3 Boilers In Basement								
Distribution								
Steam Piping/Pump	100%	Now	$99,600	2034	* *	4	$7,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$153,900	1	$17,700	
Convector/Radiator	80%			2029	* *	1	$36,900	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 62 - BK

Asset # : 2754

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$73,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,600	
Exhaust Fans								
Interior	30%			2024	$47,300	2	$1,300	
Roof	40%			2024	$45,400	2	$1,700	
No Component	30%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$44,300	4	$14,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,000	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Range Guard Model 6g								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 68 - BK (J. H. S. 68 - BK)**
Address : **956 EAST 82 STREET @AVENUE J**
Borough : **BROOKLYN**
Agency's Number : **K068**
Program / Asset # : **BOE0392.000 / 2624**
Yr Built/Renovated : **1964 / 2003**
Area Sq Ft : **154,000**
Project Type : **EDUCATION**
Date of Survey : **25-Oct-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8018** **Lot** : **1**
BIN : **3224947**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$130,900	$188,500
Interior Architecture	$809,800	$1,767,000
Electrical	$1,251,500	$692,100
Mechanical	$953,700	$1,419,000
Total	**$3,145,900**	**$4,066,600**
Importance Code A	$926,700	$209,500
Importance Code B	$1,957,800	$3,522,200
Importance Code C	$261,400	$334,900
Total	**$3,145,900**	**$4,066,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,100	$9,900	
Interior Architecture	$88,700		$6,100	$19,000
Electrical	$15,400	$48,600	$5,600	$4,400
Mechanical	$12,700	$59,800	$48,300	$22,600
Total	**$116,800**	**$115,400**	**$69,800**	**$45,900**
Importance Code A		$23,600	$26,100	$16,200
Importance Code B	$83,600	$91,800	$43,800	$29,700
Importance Code C	$33,200			
Total	**$116,800**	**$115,400**	**$69,800**	**$45,900**

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

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$67,800	
Metal Panel	5%			2043	* *	5-10	$25,900	
Granite Panels	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%			2039	* *	5	$19,700	
Parapets								
Metal: Cage/Fence	100%			2036	* *	5-10	$120,700	
Roof								
Built-Up (BUR)	100%			2028	* *	10	$130,900	
Interior								
Floors								
Cast in Place Concrete	3%	Now	$7,600	LIFE	* *	5	$16,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$14,200	2026	$142,300	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$18,400	
Terrazzo	2%	Now	$11,400	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2028	* *	3	$18,400	
Vinyl Tile	62%	Now	$387,000	2023	$1,289,900	3	$56,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%	4+	$161,400	2051	* *	5	$11,500	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$53,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	Now	$56,400	2026	$281,800	5	$5,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$151,200	LIFE	* *	5	$13,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	0-2	$33,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	52%			LIFE	* *	5	$53,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$22,300	2028	* *	5	$23,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Basement, 3rd Floor, Corridors								
Exposed Concrete	55%			LIFE	* *	5	$20,600	
Fiber Board	5%			2028	* *			
Plaster	20%			LIFE	* *	5	$29,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$175,900	5	$500	
Fused Disc Sw	20%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$400	
Molded Case Bkrs	70%			2022	$157,000	5	$2,800	
Molded Case Bkrs	20%			2039	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	40%			2021	$46,000	5	$400	
Motor Control Center	60%			2028	* *	5	$2,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								

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

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$134,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	10%			2018	$181,600	2	$400	
Egress Lighting								
Emergency, Battery	50%			2018	$110,200	10	$19,700	
Exit, Service	50%			2018	$22,000	1		
Exterior Lighting								
HID	100%			2018	$581,600	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$17,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$28,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$402,600	5	$50,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units - 15,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	2-4	$795,800	2043	* *	1	$145,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Repairs In Progress, Extent : Light, Area Affected : 35%								
Location : Tubes Of Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$57,100	2033	* *	4	$8,100	
Corroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$176,300	1	$20,200	
Convector/Radiator	80%			2028	* *	1	$42,200	

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 68 - BK (J. H. S. 68 - BK)

Asset # : 2624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2023	$150,900	2	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof A C Rtu								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Supply Auditorium								
Window/Wall Unit	30%			2018	$100,800	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$42,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,200	
Exhaust Fans								
Interior	60%			2023	$108,400	2	$3,000	
Roof	40%	Now	$2,600	2023	$52,000	2	$1,600	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$488,200	1		
HW Heat Exchanger								
Low Temp	100%	Now	$2,500	2033	* *	4	$16,200	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,300	

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

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 71 - BK**		
Address	: **215 HEYWARD STREET @MARCY AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K071**
Program / Asset #	: **BOE0393.000 / 2752**	**Yr Built/Renovated**	: **1970 / 2013**
Area Sq Ft	: **169,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **2227** **Lot** : **1**	**BIN**	: **3061064**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$954,700	$875,400
Interior Architecture	$1,627,000	$143,700
Electrical	$1,703,400	$962,500
Mechanical	$917,600	$307,500
Total	**$5,202,700**	**$2,289,000**
Importance Code A	$1,828,100	$917,400
Importance Code B	$3,292,300	$1,310,000
Importance Code C	$82,400	$61,600
Total	**$5,202,700**	**$2,289,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,900			
Interior Architecture	$87,000	$6,700	$6,600	$26,900
Electrical	$28,400	$7,300	$65,500	$5,100
Mechanical	$36,000	$26,900	$70,400	$31,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$172,300**	**$44,900**	**$146,400**	**$67,200**
Importance Code A	$16,900	$17,800	$18,100	$17,800
Importance Code B	$124,400	$27,100	$128,300	$49,500
Importance Code C	$30,900			
Total	**$172,300**	**$44,900**	**$146,400**	**$67,200**

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

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$41,300	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout 2009								
Masonry: Brick	88%			LIFE	* *	5	$72,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Mosaic Tile	2%	0-2	$3,800	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$907,800	2049	* *	5	$10,800	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$11,100	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Metal Rail	25%			2037	* *	5-10	$77,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,800	
Roof								
Built-Up (BUR)	95%			2024	$624,900	10	$136,400	
Metal Panel	5%			2037	* *	10	$13,200	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$7,000	LIFE	* *	5	$29,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	5%			2033	* *	5	$13,400	
Vinyl Tile	60%	0-2	$68,500	2019	$1,369,800	3	$60,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	20%			2029	* *	3	$26,900	
Wood	10%			2052	* *	5	$50,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

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

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$30,900	2033	* *	5	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Restrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Concrete Masonry Unit	10%			LIFE	* *	5	$14,900	
Masonry: Brick	7%			LIFE	* *			
Plaster	55%	0-2	$82,400	LIFE	* *	5	$61,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	50%	Now	$106,300	2037	* *	5	$82,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Third Floor Corridor, Rooms 308 And 310								
AcousTileSusp.Lay-In	5%			2029	* *	5	$13,100	
Exposed Concrete	20%			LIFE	* *	5	$8,200	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Metal Panel	5%			LIFE	* *	5	$16,400	
Plaster	10%	0-2	$17,200	LIFE	* *	5	$16,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$197,900	5	$700	
Fused Disc Sw	10%			2034	* *	5	$100	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$400	
Molded Case Bkrs	90%			2023	$228,700	5	$4,000	

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

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

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	$69,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2024	$173,700	1		
Thermoplastic	30%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$600	
Locally Mounted	20%	2-4	$23,000	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Motor Control Center	30%			2029	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	86%			2029	* *	10	$141,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2029	* *	10	$16,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairways And Hallways								
Explanation : Using T-12 Lamps								
HID	2%			2019	$28,600	10	$100	
Incandescent	2%			2024	$39,900	2	$100	
Egress Lighting								
Emergency, Service	40%			2019	$35,300	1		
Emergency, Battery	10%			2019	$24,200	10	$4,300	
Exit, Service	50%			2024	$24,200	1		
Exterior Lighting								
HID	100%			2019	$638,300	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$102,300	1	$12,600	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$700,200	1-3	$41,700	

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

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$55,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Oil Type And Oil Pumps								
Explanation : In Process Of An Upgrade								
Conversion Equipment								
Steam Boiler	100%	0-2	$873,300	2044	* *	1	$159,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers In Process Of An Upgrade								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Traps And Vacuum Pump								
Explanation : In Process Of An Upgrade								
Terminal Devices								
Air Handler	20%	Now	$9,700	2029	* *	1	$20,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Air Handlers								
Explanation : Filtering System Is Broken								
Convector/Radiator	80%			2037	* *	1	$46,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$44,300	2022	$221,300	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,000	
Exhaust Fans								
Interior	60%			2029	* *	2	$3,300	
Roof	40%	Now	$5,700	2029	* *	2	$1,800	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$41,700	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : In Process Of Replacement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 71 - BK

Asset # : 2752

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	Now	$2,800	2044	* *	4	$17,700	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Regulators								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B,1,2,3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$5,000	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 72 - SI**				
Address	: **33 FERNDALE AVENUE BTWN: SAXON AVE. - TRAVIS AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R072**
Program / Asset #	: **BOE0945.000 / 1421**			**Yr Built/Renovated**	: **1976 / 2014**
Area Sq Ft	: **174,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Mar-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **2364**	**Lot**	: **1**	**BIN**	: **5037524**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$294,100	$283,100
Interior Architecture	$532,100	$127,500
Electrical		$947,700
Mechanical	$171,300	$2,200,900
Total	**$997,500**	**$3,559,200**
Importance Code A	$294,100	$1,182,200
Importance Code B	$477,700	$2,323,900
Importance Code C	$225,700	$53,100
Total	**$997,500**	**$3,559,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,200			
Interior Architecture	$211,200		$8,300	$27,600
Electrical	$4,500	$2,000	$4,200	$2,000
Mechanical	$48,300	$52,500	$51,600	$59,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$276,100**	**$58,400**	**$68,100**	**$92,700**
Importance Code A	$26,500	$18,300	$18,300	$18,300
Importance Code B	$177,000	$40,100	$49,800	$74,400
Importance Code C	$72,500			
Total	**$276,100**	**$58,400**	**$68,100**	**$92,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$162,500	
Pre-Cast Concrete	15%			LIFE	* *	5	$93,200	
Windows								
Aluminum	100%	0-2	$99,700	2034	* *	5	$11,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Parapets								
Masonry: Brick	10%			LIFE	* *	5-10	$9,600	
Metal Security Bars	15%			2054	* *			
Pre-Cast Concrete	75%			LIFE	* *	5	$133,000	
Roof								
Built-Up (BUR)	75%			2031	* *	10	$88,700	
Modified Bitumen	25%			2036	* *	10	$29,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$60,500	
Ceramic Tile	5%	Now	$26,800	2035	* *	5	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Quarry Tile	4%			2039	* *	5	$16,600	
Terrazzo	1%			LIFE	* *	5	$4,300	
Vinyl Tile	80%	0-2	$94,000	2031	* *	3	$82,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	4+	$22,800	2054	* *	5	$13,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	0-2	$9,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$26,500	2035	* *	5	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$15,400	
Folding Partition	5%	Now	$76,500	2034	* *	5	$24,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	4%			LIFE	* *	5-10	$26,100	
Masonry: Brick	1%	Now	$3,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	10	$8,700	
Plaster	46%			LIFE	* *	5-10	$150,400	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Throughout								
SGFT/Glazed Masonry	27%			LIFE	* *	10	$51,900	
Ceilings								
AcousTile,Adhered	55%	Now	$138,400	2031	* *	5	$74,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Corridor(s)								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTile,Adhered	10%			2046	* *	5	$27,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	25%			LIFE	* *	5-10	$84,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$27,100	
Gypsum Board	5%			LIFE	* *	5-10	$46,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2036	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 5000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$700	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$400	
Molded Case Bkrs	90%			2034	* *	5	$4,100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	* *	5	$700	
Motor Control Center	40%			2031	* *	5	$1,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$157,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$8,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium & 1st Floor Lobby								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$124,600	10	$22,300	
Exit, Service	50%			2026	$24,900	1		
Exterior Lighting								
HID	100%			2026	$657,100	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$19,500	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$57,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 15,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2024	$899,200	1	$182,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$64,500	2036	* *	4	$9,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : No Drain For Vacuum Pump								
Terminal Devices								
Air Handler	20%			2026	$199,200	1	$22,800	
Convector/Radiator	70%	0-2	$61,100	2031	* *	1	$37,600	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2026	$276,600	1	$6,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2026	$250,800	1	$34,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Roof Penthouse								
Window/Wall Unit	20%			2021	$75,900	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2036	* *	4	$3,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2026	$350,800	1	$45,700	
No Component	60%							
Heat Rejection								
Remote Air Cond	40%			2036	* *	2	$51,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$163,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 72 - SI

Asset # : 1421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2031	* *	2	$1,700	
Roof	70%			2026	$102,800	2	$4,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$18,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$93,100	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 73 - Q**				
Address	: **70-02 54 AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q073**
Program / Asset #	: **BOE0727.000 / 532**			**Yr Built/Renovated**	: **1927 / 2010**
Area Sq Ft	: **154,321**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2503**	**Lot**	: **31**	**BIN**	: **4058611**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$75,500	$511,800
Interior Architecture	$633,600	$143,100
Electrical	$784,900	$3,316,900
Mechanical	$816,900	$734,700
Total	**$2,311,000**	**$4,706,500**
Importance Code A	$75,500	$585,300
Importance Code B	$2,235,400	$4,042,300
Importance Code C		$79,000
Total	**$2,311,000**	**$4,706,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$61,800	$25,500		
Interior Architecture	$6,400	$61,000	$20,900	$3,200
Electrical	$16,000	$7,200	$7,100	$6,900
Mechanical	$63,200	$59,400	$45,800	$26,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$155,300**	**$160,900**	**$81,800**	**$44,300**
Importance Code A	$77,100	$41,100	$15,300	$15,300
Importance Code B	$78,200	$119,800	$66,500	$29,000
Total	**$155,300**	**$160,900**	**$81,800**	**$44,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$49,100	
Masonry: Brick	30%			LIFE	* *	5	$22,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout New Wing								
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	99%			2039	* *	5	$74,300	
Aluminum	1%	0-2	$31,500	2048	* *	5	$400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Room S205								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room S205								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$4,100	
Masonry: Brick	45%			LIFE	* *	5	$11,800	
Masonry: Brick	35%			LIFE	* *	5	$9,200	
Masonry: Brick	10%	0-2	$30,300	LIFE	* *	5	$2,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : West Side Of Science Building In The New Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : West Side Of Science Building In The New Wing								
Masonry: Limestone	3%			LIFE	* *	5	$1,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout New Wing								
Roof								
Built-Up (BUR)	60%			2023	$330,600	10	$72,200	
Built-Up (BUR)	12%			2028	* *	10	$14,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Science Building In New Wing								
Copper/Terne	3%			2051	* *	10	$9,000	
IRMA/Protected Membrane	20%	Now	$38,400	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Corridor Of New Wing								
Metal Panel	5%			2028	* *	10	$11,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,100	
Ceramic Tile	5%			2032	* *	5	$12,900	
Terrazzo	5%			LIFE	* *	5	$10,000	
Vinyl Tile	65%			2028	* *	3	$62,600	
Vinyl Tile	10%	0-2	$218,500	2033	* *	3	$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Science Building In The New Wing								
Explanation : 9x9 Tiles								
Wood	10%			2038	* *	5	$48,200	
Interior Walls								
Gypsum Board	20%			LIFE	* *	5	$35,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$43,900	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$48,100	
AcousTileConcealSpLn	20%	0-2	$415,100	2043	* *	5	$32,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : New Wing Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : New Wing Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : New Wing Corridors								
AcousTileSusp.Lay-In	10%			2028	* *	5	$25,700	
Exposed Concrete	15%			LIFE	* *	5	$6,000	
Plaster	40%			LIFE	* *	5	$64,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2023	$31,500	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Switches Rated At 2000 Amperes And 1600 Amperes								
Fused Disc Sw	25%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Disconnect Switch Rated At 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$175,900	5	$500	
Molded Case Bkrs	20%			2043	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	75%			2023	$185,600	1		
Conduit	25%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5	$200	
Fused Knife Sw	20%	2-4	$44,800	2048	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment								
Molded Case Bkrs	50%			2022	$112,100	5	$2,000	
Molded Case Bkrs	25%			2039	* *	5	$1,000	
Wiring								
Braided Cloth	75%	2-4	$260,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2028	* *	5	$200	
Locally Mounted	60%			2021	$69,100	5	$600	
Locally Mounted	10%	2-4	$11,500	2043	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Main 1								
Explanation : Connected To Metal Water Pipe, Point Of Contact Not Visible, Covered With Insulation								
Generic	50%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$1,850,200	10	$152,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2023	$41,100	10	$200	
Egress Lighting								
Emergency, Battery	50%			2023	$115,800	10	$20,700	
Exit, Service	50%			2023	$23,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$582,800	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$17,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Entrance And Exit Points								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	50%							
Generic	30%	0-2	$479,500	2033	* *	1-3	$25,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Sections								
Explanation : Alarm Bells, Manual Pull Stations								
Generic	20%			2028	* *	1-3	$19,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	80%			2023	$338,300	5	$42,600	
Natural Gas	20%			2043	* *	1		
Conversion Equipment								
Furnace	20%			2023	$42,000	1	$17,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing 2nd Floor Mech Rm.								
Explanation : 3 Units								
Steam Boiler	80%			2028	* *	1	$136,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$19,200	
Steam Piping/Pump	80%	0-2	$19,200	2033	* *	4	$6,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Various								
Terminal Devices								
Air Handler	20%			2018	$185,200	1	$21,200	
Convector/Radiator	45%			2028	* *	1	$25,000	
Fan Coil Unit/Heat	15%			2018	$385,700	1	$8,300	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2023	$116,600	1	$15,900	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Window/Wall Unit	10%			2018	$35,300	1		
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2033	* *	4	$2,500	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2023	$43,800	1	$21,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing 2nd Fl. Mech Rm								
Explanation : 3 Units								
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2023	$20,600	2	$23,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,700	
Exhaust Fans								
Interior	90%			2018	$170,800	2	$4,700	
Roof	10%			2023	$13,700	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2033	* *	1		
Galv Iron/Steel	10%			2021	$51,300	1		
Water Heater								
Gas Fired	100%			2018	$39,900	2	$2,500	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement Music Room								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2028	* *	1	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 73 - Q

Asset # : 532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	25%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : (1) 1-3 (1) B-1 Freight								
Explanation : 2 Units								
No Component	75%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$100,200	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 74 - Q**
Address : **61-15 OCEANIA STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0728.000 / 2697**
Area Sq Ft : **121,000**
Date of Survey : **20-Feb-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7723** **Lot** : **1**

Agency's Number : **Q074**
Yr Built/Renovated : **1953 / 2009**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4163953**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$224,300	$132,500
Interior Architecture	$925,600	$756,600
Electrical	$1,182,200	$767,600
Mechanical	$193,700	$145,200
Total	**$2,525,900**	**$1,801,800**
Importance Code A	$266,300	$132,500
Importance Code B	$2,259,600	$1,633,600
Importance Code C		$35,800
Total	**$2,525,900**	**$1,801,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,300	$10,800		
Interior Architecture	$10,100		$14,000	$35,300
Electrical	$23,800	$1,500	$2,100	$12,700
Mechanical	$20,900	$20,600	$39,100	$72,000
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$114,900**	**$44,800**	**$67,000**	**$131,800**
Importance Code A	$61,400	$24,100	$13,300	$13,300
Importance Code B	$53,500	$20,600	$50,300	$118,400
Importance Code C			$3,400	
Total	**$114,900**	**$44,800**	**$67,000**	**$131,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$44,000	
Masonry: Granite	5%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%	Now	$26,700	LIFE	* *	5	$1,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Exit 6								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Exit 6								
Windows								
Aluminum	97%	Now	$224,300	2041	* *	5	$26,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	3%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$24,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Roof								
Built-Up (BUR)	20%	Now	$21,600	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : East And North Sides								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exit 6								
Built-Up (BUR)	75%			2033	* *	10	$88,400	
Metal Panel	5%			2038	* *	10	$10,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	3%			2034	* *	5	$6,000	
Terrazzo	2%			LIFE	* *	5	$3,100	
Traffic Topping	5%			2025	$125,000	5	$12,600	
Vinyl Tile	30%			2025	$514,000	3	$22,700	
Vinyl Tile 9" X 9"	40%			2020	$887,900	3	$40,300	
Wood	10%			2040	* *	5	$37,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$6,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Glass: Single Pane	2%			LIFE	* *	5	$3,400	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$35,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 316								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%			2030	* *	5	$75,400	
Exposed Concrete	55%			LIFE	* *	5	$17,300	
Plaster	15%			LIFE	* *	5	$18,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$42,000	2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Service Disconnect Switches Are On Extended Life And Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	20%			2045	* *	5	$100	
Fused Knife Sw	80%	2-4	$156,400	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Knife Sw	10%	2-4	$22,400	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	35%	2-4	$78,500	2050	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Molded Case Bkrs	5%			2041	* *	5	$200	
Molded Case Bkrs	35%			2024	$78,500	5	$1,100	
Wiring								
Braided Cloth	90%	2-4	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$57,600	2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Locally Mounted	30%			2023	$34,500	5	$200	
Locally Mounted	20%			2030	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2030	* *	10	$12,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : Lamp T-8								
Fluorescent	85%			2030	* *	10	$105,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-12								
Fluorescent	4%			2030	* *	10	$4,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HID	1%			2020	$10,700	10		
Egress Lighting								
Emergency, Battery	50%			2025	$90,800	10	$16,300	
Exit, Service	50%			2025	$18,200	1		
Exterior Lighting								
HID	100%			2020	$457,000	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Functional								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$376,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$41,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Gas Line Has Not Been Connected To The Supply Line								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$13,100	2038	* *	1	$120,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Oil Leaks From 3 Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,600	
Terminal Devices								
Air Handler	20%			2025	$145,200	1	$16,700	
Convector/Radiator	80%			2030	* *	1	$34,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$193,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,100	
Exhaust Fans								
Interior	100%			2030	* *	2	$4,100	
Plumbing								
H/C Water Piping								
Brass/Copper	30%	Now	$2,400	2035	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Sub Basement Service Tunnel								
Galv Iron/Steel	70%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$31,300	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$13,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-3 (2) Sub Bsmt - B - G (Inoperable)								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - Q

Asset # : 2697

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,900	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 75 - SI**		
Address	: **455 HUGUENOT AVENUE @ WOODROW RD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R075**
Program / Asset #	: **BOE0946.000 / 1422**	**Yr Built/Renovated**	: **1985 / 2006**
Area Sq Ft	: **165,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6050** **Lot** : **2**	**BIN**	: **5079651**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$273,800	$90,600
Interior Architecture	$603,000	$198,600
Electrical	$267,500	$720,400
Mechanical	$53,500	$874,100
Total	**$1,197,800**	**$1,883,800**
Importance Code A	$273,800	$90,600
Importance Code B	$774,500	$1,754,900
Importance Code C	$149,500	$38,300
Total	**$1,197,800**	**$1,883,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,300			
Interior Architecture	$75,800		$9,100	$27,200
Electrical	$13,400	$20,000	$13,400	$15,900
Mechanical	$41,100	$39,200	$71,400	$84,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$140,600**	**$63,200**	**$97,800**	**$131,400**
Importance Code A	$23,700	$17,300	$17,300	$17,700
Importance Code B	$116,900	$45,900	$71,300	$113,700
Importance Code C			$9,100	
Total	**$140,600**	**$63,200**	**$97,800**	**$131,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$136,700	LIFE	* *	5	$90,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$94,500	2041	* *	5	$11,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$12,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$42,500	2030	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	0-2	$6,300	2038	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,700	
Ceramic Tile	5%	0-2	$12,700	2034	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$6,100	
Vinyl Tile	83%	0-2	$370,000	2030	* *	3	$81,600	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Wood	4%	4+	$34,600	2053	* *	5	$9,800	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$18,200	
Concrete Masonry Unit	9%			LIFE	* *	5	$13,100	
Metal Panel	20%			LIFE	* *			
Operable Wall	1%	0-2	$47,100	2035	* *	5	$6,400	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	35%	0-2	$102,400	LIFE	* *	5	$38,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	70%	0-2	$83,500	2038	* *	5	$89,800	
Broken/Missing Elements, Extent : Light, Area Affected : 3%								
Location : Throughout								
Exposed Struc: Steel	8%			LIFE	* *			
Gypsum Board	22%	0-2	$28,500	LIFE	* *	5	$70,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2035	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$700	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$400	
Molded Case Bkrs	90%			2033	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	* *	5	$200	
Motor Control Center	80%			2030	* *	5	$3,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$50,800	
Generators								
Natural Gas	100%			2028	* *	1	$63,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : One 39 Kw For Sewage Ejector Pump Only								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,100	
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$149,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2025	$28,000	10	$100	
Incandescent	5%			2025	$97,300	2	$200	
Egress Lighting								
Emergency, Battery	50%	Now	$118,100	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Suply Baterries Are All Explode								
Exit, Service	50%			2025	$23,600	1		
Exterior Lighting								
HID	100%			2025	$623,200	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$18,500	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$54,300	

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DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$173,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$8,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Vacuum Pump Currently Under Repair								
Terminal Devices								
Air Handler	30%			2025	$283,300	1	$32,500	
Convector/Radiator	70%			2030	* *	1	$39,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$53,500	2025	$178,300	1	$21,900	
Obsolete Equipment, Extent : Severe, Area Affected : 50%								
Location : #1 Chiller								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Room								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2035	* *	4	$2,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2025	$124,700	1	$32,500	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2025	$94,200	2	$36,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,700	
Exhaust Fans								
Interior	20%			2025	$38,700	2	$1,100	
Roof	80%			2025	$111,400	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$17,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 75 - SI

Asset # : 1422

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$88,300	
Sprinkler								
No Component	75%							
Generic	25%			2035	* *	1-2	$12,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**I. S. 77 - Q (WITH I. S. 93 -Q)**			
Address	:	**976 SENECA AVENUE @CENTRE ST.**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q849**
Program / Asset #	:	**BOE0897.000 / 1463**	**Yr Built/Renovated**	:	**1911 / 2011**
Area Sq Ft	:	**141,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Nov-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**3563** **Lot** : **23**	**BIN**	:	**4085922**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,700	$97,400
Interior Architecture	$44,000	$780,500
Electrical	$84,900	$1,135,200
Mechanical		$1,066,400
Total	**$164,600**	**$3,079,500**
Importance Code A	$35,700	$97,400
Importance Code B	$128,900	$2,944,400
Importance Code C		$37,700
Total	**$164,600**	**$3,079,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$35,000	$8,200	$6,600
Interior Architecture	$19,900		$10,300	$7,300
Electrical	$14,500	$42,600	$22,900	$13,700
Mechanical	$55,500	$91,900	$53,600	$37,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$99,800**	**$179,400**	**$104,800**	**$74,600**
Importance Code A	$15,500	$50,800	$23,700	$22,100
Importance Code B	$77,600	$128,600	$81,100	$52,500
Importance Code C	$6,700			
Total	**$99,800**	**$179,400**	**$104,800**	**$74,600**

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$38,500	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1911 Wing								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1911 Wing								
Masonry: Brick	30%			LIFE	* *	5	$23,100	
Masonry: Limestone	10%			LIFE	* *	5	$5,800	
Metal Panel	2%			2043	* *	5-10	$10,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$12,500	
Window Wall	3%			2049	* *	5	$8,700	
Windows								
Aluminum	100%			2039	* *	5	$71,400	
Parapets								
Masonry: Brick	35%			LIFE	* *	5	$7,000	
Metal Panel	10%			2049	* *	5	$7,700	
Metal Rail	3%			2040	* *	5-10	$10,800	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,500	
Under Construction	50%							
Roof								
Built-Up (BUR)	35%			2028	* *	10	$32,100	
Built-Up (BUR)	10%			2033	* *	10	$9,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Metal Panel	15%			2036	* *	10	$25,200	
Under Construction	40%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,700	
Cast in Place Concrete	5%			LIFE	* *	5	$25,700	
Ceramic Tile	5%			2032	* *	5	$11,700	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	35%			2028	* *	3	$30,800	
Vinyl Tile	25%			2023	$499,200	3	$29,400	
Wood	20%			2038	* *	5	$88,100	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$13,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$16,000	
Gypsum Board	10%			LIFE	* *	5	$16,000	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$37,700	
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	32%			2036	* *	5	$75,000	
Exposed Concrete	10%			LIFE	* *	5	$3,700	
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$14,700	
Plaster	50%			LIFE	* *	5	$73,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 2-2500 Amperes And 1-2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	60%			2043	* *	1		
Conduit	40%			2023	$99,000	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$300	
Molded Case Bkrs	40%			2022	$89,700	5	$1,500	
Molded Case Bkrs	50%			2039	* *	5	$1,900	
Wiring								
Thermoplastic	40%			2023	$139,000	1		
Thermoplastic	60%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$400	
Motor Control Center	60%			2036	* *	5	$2,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Connected To The Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$43,400	
Generators								
Diesel	100%			2032	* *	1	$54,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 455 Kw Caterpillar Genset								

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$31,400	
Fuel Storage								
Day Tank	50%			2039	* *	5	$14,600	
Main Tank	50%			2051	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	59%			2028	* *	10	$84,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Sections								
Explanation : T-8 Lamps								
Fluorescent	40%			2023	$697,100	10	$57,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Explanation : T-12 Lamps								
HID	1%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	25%			2023	$52,900	10	$9,500	
Exit, LED	50%			2051	* *	1		
Exit, Service	25%			2018	$10,600	1		
Exterior Lighting								
HID	100%			2028	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$15,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Manual Pull Station, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$155,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$11,600	
Terminal Devices								
Air Handler	40%			2028	* *	1	$38,800	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing								
Explanation : Ahu's								
Convector/Radiator	60%			2021	$889,200	1	$30,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2028	* *	1	$21,800	
Ext Pkg Unit - Cooling	10%			2033	* *	2	$1,000	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : Auditorium Roof								
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Auditorium Roof								
Window/Wall Unit	10%			2018	$32,300	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2043	* *	4	$2,300	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2028	* *	1	$29,100	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2023	$47,000	2	$32,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$61,200	
No Component	30%							
Exhaust Fans								
Interior	40%			2028	* *	2	$1,900	
Roof	30%			2028	* *	2	$1,400	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$93,700	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 77 - Q (WITH I. S. 93 -Q)

Asset # : 1463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$36,500	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gals								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$23,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$9,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, G, 1-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$79,100	
Sprinkler								
No Component	60%							
Generic	40%			2033	* *	1-2	$17,600	
Fire Pump								
Generic	100%			2032	* *	1	$29,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 78 - BK**
Address : **1420 EAST 68 STREET BTWN: AVENUE N, VETERANS AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K078**
Program / Asset # : **BOE0397.000 / 1391** | **Yr Built/Renovated** : **1964 / 2002**
Area Sq Ft : **156,000** | **Project Type** : **EDUCATION**
Date of Survey : **08-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **8388** **Lot** : **2** | **BIN** : **3236496**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$462,500	$1,161,500
Interior Architecture	$579,000	$1,694,400
Electrical	$566,300	$1,062,100
Mechanical	$235,500	$2,224,800
Total	**$1,843,300**	**$6,142,800**
Importance Code A	$502,800	$2,009,700
Importance Code B	$1,189,300	$4,074,100
Importance Code C	$151,200	$59,000
Total	**$1,843,300**	**$6,142,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,000			
Interior Architecture	$86,200	$15,200	$24,400	$22,800
Electrical	$4,000	$1,900	$2,300	$3,600
Mechanical	$82,800	$29,100	$39,600	$36,500
Total	**$186,000**	**$46,200**	**$66,300**	**$62,900**
Importance Code A	$13,000	$16,400	$16,400	$16,400
Importance Code B	$156,500	$29,800	$36,900	$41,300
Importance Code C	$16,500		$12,900	$5,200
Total	**$186,000**	**$46,200**	**$66,300**	**$62,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$71,500	
Masonry: Brick Cavity	85%			LIFE	* *	5	$129,600	
Panel/Paver: Limestone	5%			LIFE	* *	5	$5,700	
Windows								
Aluminum	95%			2042	* *	5	$19,000	
Glass Block	5%			LIFE	* *	5	$1,300	
Parapets								
Metal: Cage/Fence	50%	0-2	$156,900	2046	* *	5	$25,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50% *Location : Throughout* *Deteriorated Finish, Extent : Moderate, Area Affected : 50%* *Location : upper roof*								
Metal: Cage/Fence	50%			2031	* *	5-10	$61,200	
Roof								
Copper/Terne	3%			2054	* *	10	$9,900	
IRMA/Protected Membrane	97%	Now	$205,100	2026	$1,025,300			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25% *Location : Upper Roof* *Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%* *Location : Throughout* *Vegetation Growth, Extent : Light, Area Affected : 10%* *Location : Gymnasium* *Water Penetration, Extent : Moderate, Area Affected : 10%* *Location : Basement*								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$54,200	
Other Observation, Extent : Moderate, Area Affected : 10% *Location : Boiler Pit* *Explanation : Ground Water*								
Ceramic Tile	3%			2029	* *	5	$7,400	
Terrazzo	5%			LIFE	* *	5	$19,400	
Vinyl Tile	25%			2031	* *	3	$23,200	
Vinyl Tile 9" X 9"	57%			2021	$1,556,200	3	$70,600	
Wood	5%			2041	* *	5	$23,200	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$10,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$27,600	
Folding Partition	3%			2034	* *	5	$25,900	
Marble Panels	2%			LIFE	* *	10	$2,800	
Plaster	57%			LIFE	* *	5-10	$167,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$43,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$281,900	2039	* *	5	$30,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileConcealSpLn	10%			2043	* *	5	$30,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Corridor								
Exposed Concrete	55%			LIFE	* *	5-10	$166,800	
Fiber Board	5%			2026	$79,200			
Metal Panel	5%			LIFE	* *	5	$30,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$700	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$400	
Fused Disc Sw	10%			2025	$22,400	5	$400	
Molded Case Bkrs	80%			2025	$179,400	5	$3,300	
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$145,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$3,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$111,700	10	$20,000	
Exit, Service	50%			2026	$22,300	1		
Exterior Lighting								
HID	100%			2034	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$323,200	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$407,900	5	$51,300	
Conversion Equipment								
Steam Boiler	100%	Now	$40,300	2024	$806,100	1	$147,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Burners And #3 Boiler								
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Control Systems, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$115,600	2036	* *	4	$8,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Return Line, Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Cafeteria								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	25%			2026	$223,200	1	$25,600	
Convector/Radiator	75%			2031	* *	1	$40,100	
Malfunctioning, Extent : Light, Area Affected : 30%								
Location : Regulators, Various								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$2,800	2026	$56,200	1	$6,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Freon Leaks, Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	60%			2024	$204,300	1		
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2026	$91,700	1	$10,200	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2026	$23,200	2	$11,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$146,200	
Exhaust Fans								
Interior	60%			2026	$109,800	2	$3,000	
Roof	40%	Now	$15,800	2026	$52,700	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Obsolete Equipment, Extent : Severe, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$24,700	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 78 - BK

Asset # : 1391

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	$38,500	2026	$38,500	2	$1,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Hot Water Tank								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Control Board								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$16,400	
Sanitary Piping								
Cast Iron	100%	Now	$7,200	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Water Backup								
Storm Drain Piping								
Cast Iron	100%	Now	$11,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : From Roof To Basement Boiler Room And Its Entrance								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2026	$193,400	1-2	$4,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 88 - BK (J. H. S. 88 - BK)**
Address : **544 7TH AVENUE @ 19TH ST.**
Borough : **BROOKLYN**
Agency's Number : **K088**
Program / Asset # : **BOE0402.000 / 1395**
Yr Built/Renovated : **1967 / 2000**
Area Sq Ft : **142,000**
Project Type : **EDUCATION**
Date of Survey : **14-Nov-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **880** **Lot** : **1**
BIN : **3331276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$176,400	$62,500
Interior Architecture	$572,600	$1,034,600
Electrical	$1,684,800	$759,300
Mechanical	$579,400	$556,500
Total	**$3,013,200**	**$2,412,900**
Importance Code A	$249,800	$83,500
Importance Code B	$2,523,500	$2,279,500
Importance Code C	$240,000	$49,900
Total	**$3,013,200**	**$2,412,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,700			$4,200
Interior Architecture	$42,900	$35,300	$5,600	$12,700
Electrical	$11,100	$2,400	$3,200	$37,300
Mechanical	$63,200	$25,000	$44,300	$64,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$130,700**	**$66,600**	**$57,000**	**$122,700**
Importance Code A	$9,700	$14,900	$14,900	$19,400
Importance Code B	$107,100	$51,700	$42,100	$103,300
Importance Code C	$13,900			
Total	**$130,700**	**$66,600**	**$57,000**	**$122,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$62,500	
Masonry: Limestone	10%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2041	* *	5	$18,200	
Parapets								
Masonry: Brick	70%	Now	$58,100	LIFE	* *	5	$10,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	15%			2045	* *	5	$8,400	
Pre-Cast Concrete	15%	Now	$1,500	LIFE	* *	5	$13,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	98%			2030	* *	10	$118,300	
Single Ply Membrane	2%	Now	$8,100	2035	* *			
Drains Inad/Misposn, Extent : Severe, Area Affected : 100%								
Location : South Lower Roof								
Ponding, Extent : Severe, Area Affected : 100%								
Location : South Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : South Lower Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : South Lower Roof								
Explanation : 4 Inches Of Water Present At Time Of Visit								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,400	
Ceramic Tile	5%			2034	* *	5	$11,300	
Quarry Tile	5%			2038	* *	5	$16,900	
Terrazzo	5%			LIFE	* *	5	$8,800	
Vinyl Tile	45%	2-4	$86,300	2025	$863,200	3	$38,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	20%			2030	* *	3	$16,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	10%			2053	* *	5	$42,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$173,200	2034	* *	5	$7,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$13,900	LIFE	* *	5	$12,600	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Corridor								
Masonry: Brick	5%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Plaster	53%	Now	$66,700	LIFE	* *	5	$49,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$246,300	2030	* *	5	$33,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Exposed Concrete	50%			LIFE	* *	5	$17,200	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	2-4	$14,400	2025	$72,100			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	10%	Now	$14,500	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : South Stair								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$219,900	5	$600	
Raceway								
Conduit	95%			2025	$235,100	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$200	
Fused Disc Sw	10%			2024	$22,400	5	$300	
Molded Case Bkrs	10%			2033	* *	5	$400	
Molded Case Bkrs	75%			2024	$168,200	5	$2,800	
Wiring								
Braided Cloth	85%	2-4	$295,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	67%			2030	* *	10	$92,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	25%			2030	* *	10	$34,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Explanation : T-8 Lamps								
HID	3%			2020	$36,100	10	$100	
Incandescent	5%			2020	$83,700	2	$200	
Egress Lighting								
Emergency, Battery	5%			2030	* *	10	$1,800	
Emergency, Battery	45%			2020	$91,500	10	$16,400	
Exit, Service	10%			2030	* *	1		
Exit, Service	40%			2020	$16,300	1		
Exterior Lighting								
HID	100%			2020	$536,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$15,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$514,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$371,200	5	$46,700	
Conversion Equipment								
Steam Boiler	100%	Now	$73,400	2030	* *	1	$134,400	
Leak Evident, Extent : Severe, Area Affected : 35%								
Location : Boiler Tubes And Feed Line Leaking Badly								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$105,200	2035	* *	4	$7,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$162,600	1	$18,600	
Convector/Radiator	80%			2030	* *	1	$39,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$31,000	2018	$154,900	1		
On Extended Life, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,000	
Exhaust Fans								
Interior	50%			2020	$83,300	2	$2,300	
Roof	50%	Now	$18,000	2025	$59,900	2	$1,800	
Noisy/Vibrating, Extent : Severe, Area Affected : 40%								
Location : The Motors At Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$14,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - BK (J. H. S. 88 - BK)

Asset # : 1395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$88,000	1-2	$2,100	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 88 - M/WADLEIGH H.S.**		
Address	: **215 WEST 114TH ST. BTWN: 7 AVE., 8 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M088**
Program / Asset #	: **BOE0052.000 / 4146**	**Yr Built/Renovated**	: **1901 / 2011**
Area Sq Ft	: **174,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,ATT**		
Block	: **1830** **Lot** : **19**	**BIN**	: **1055204**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$460,100	$462,600
Interior Architecture	$509,600	$297,000
Electrical		$1,087,300
Mechanical	$305,400	$5,197,100
Total	**$1,275,100**	**$7,043,900**
Importance Code A	$460,100	$462,600
Importance Code B	$636,000	$6,504,200
Importance Code C	$179,000	$77,200
Total	**$1,275,100**	**$7,043,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,600		$50,000	
Interior Architecture	$32,400		$70,600	$15,500
Electrical	$20,400	$14,000	$26,800	$14,000
Mechanical	$74,000	$62,900	$75,600	$67,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$154,400**	**$86,800**	**$232,900**	**$106,400**
Importance Code A	$32,000	$14,400	$64,400	$14,400
Importance Code B	$101,200	$72,400	$168,500	$83,800
Importance Code C	$21,100			$8,200
Total	**$154,400**	**$86,800**	**$232,900**	**$106,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - M/WADLEIGH H.S.

Asset # : 4146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$74,300	
Masonry: Brick	13%			LIFE	* *	5	$24,700	
Masonry: Brick	67%			LIFE	* *	5	$127,500	
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Metal Panel	5%			2046	* *	5-10	$32,700	
Windows								
Aluminum	95%			2042	* *	5	$83,800	
Glass Block	5%			LIFE	* *	5	$5,500	
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5-10	$350,000	
Masonry: Brick	35%			LIFE	* *	5-10	$59,000	
Metal Rail	10%			2039	* *	5-10	$44,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$15,500	
Roof								
Built-Up (BUR)	13%			2031	* *	10	$14,700	
Copper/Terne	75%			2041	* *	10	$212,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	7%			2039	* *	10	$14,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North West Addition								
Explanation : Roof Atop Mechanical Bulkhead								
Paver: Asphalt	5%			2029	* *	10	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Elevation								
Explanation : Side Entrances								
Interior								
Floors								
Carpet	10%			2025	$369,900	3	$43,500	
Ceramic Tile	5%			2035	* *	5	$14,500	
Quarry Tile	5%			2039	* *	5	$21,700	
Terrazzo	5%			LIFE	* *	5	$22,600	
Vinyl Tile	50%			2031	* *	3	$54,300	
Wood	25%	2-4	$47,800	2041	* *	5	$67,900	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium 2								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M/WADLEIGH H.S.

Asset # : 4146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$16,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$26,400	
Gypsum Board	20%			LIFE	* *	5-10	$112,100	
Marble Panels	2%			LIFE	* *	10	$2,600	
Plaster	36%			LIFE	* *	5-10	$100,900	
Plaster	2%	Now	$5,300	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stair								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stair								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$41,200	
Ceilings								
AcousTileConcealSpLn	15%			2039	* *	5	$54,200	
AcousTileSusp.Lay-In	30%	Now	$35,100	2031	* *	5	$43,400	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Exposed Struc: Steel	5%			LIFE	* *	10	$28,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 5th Floor								
Explanation : Multi-purpose Room								
Gypsum Board	15%			LIFE	* *	5-10	$149,200	
Plaster	30%			LIFE	* *	5-10	$149,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000a & 3000a Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200a For Firepump & One 800a For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$700	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$400	
Molded Case Bkrs	90%			2034	* *	5	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 88 - M/WADLEIGH H.S.

Asset # : 4146

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	* *	5	$500	
Motor Control Center	60%			2031	* *	5	$2,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$53,500	
Generators								
Diesel	100%			2029	* *	1	$67,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 246 Kw Caterpillar Genset								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$6,400	
Fuel Storage								
Day Tank	50%			2034	* *	5	$18,000	
Main Tank	50%			2041	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 270 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$168,700	
Other Observation, Extent : Moderate, Area Affected : 94%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	3%			2026	$46,400	10	$200	
Incandescent	2%			2021	$215,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2026	$26,100	1		
Exterior Lighting								
HID	100%			2021	$657,100	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$19,500	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M/WADLEIGH H.S.

Asset # : 4146

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$60,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 12,500 Gallon Tanks								
Conversion Equipment								
Heat Exchanger	50%			2029	* *	1	$47,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Hot Water Coils In Air Handlers								
Steam Boiler	50%			2031	* *	1	$95,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3- #2 Oil Burning Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$48,600	2034	* *	4	$9,500	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room, 1 Of 5 Defective Dual Temperature Pump								
Terminal Devices								
Air Handler	20%	0-2	$208,800	2036	* *	1	$21,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Offices, Defective Control Systems, Defective Building Management System								
Air Handler	80%			2026	$835,200	1	$95,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Offices								
Explanation : Dual Temperature Fan Coils								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2026	$591,400	1	$80,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse - 5 Chillers								
Ext Pkg Unit - Heating/Cooling	10%			2026	$127,700	2	$1,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Hot Water Coil For Heating Season								
Terminal Devices								
Air Handler/Cool/Ht	10%			2026	$82,200	1	$12,000	
Fan Coil - Cool/Heat	90%			2026	$3,298,600	1	$56,300	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

I. S. 88 - M/WADLEIGH H.S.

Asset # : 4146

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$170,900	
Exhaust Fans								
Interior	100%			2026	$214,000	2	$5,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2024	$30,000	4	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : The Gas Fired Hot Water Heaters Have Been Temporarily Replaced By Two Electric Hot Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$11,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-5								
Explanation : Two Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar To 1st Floor								
Explanation : 1 Sidewalk Freight Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$97,600	
Sprinkler								
Generic	100%			2046	* *	1-2	$54,200	
Fire Pump								
Generic	100%			2035	* *	1	$36,200	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 90 - M**		
Address	**: 21 JUMEL PLACE @ W.168 ST**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M090**
Program / Asset #	**: BOE0963.000 / 4469**	**Yr Built/Renovated**	**: 1994 /**
Area Sq Ft	**: 161,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 13-Feb-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 2112 Lot : 58**	**BIN**	**: 1076741**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$268,700	$257,300
Interior Architecture	$641,600	$325,100
Electrical		$156,700
Mechanical	$102,000	$1,613,500
Total	**$1,012,300**	**$2,352,700**
Importance Code A	$268,700	$257,300
Importance Code B	$557,300	$2,002,800
Importance Code C	$186,400	$92,500
Total	**$1,012,300**	**$2,352,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,400			
Interior Architecture	$8,000		$36,800	$20,800
Electrical	$27,800	$12,400	$14,500	$13,900
Mechanical	$74,300	$48,900	$82,200	$46,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$132,300**	**$69,200**	**$141,300**	**$89,400**
Importance Code A	$31,300	$16,900	$16,900	$16,900
Importance Code B	$101,000	$52,300	$124,400	$72,500
Importance Code C				
Total	**$132,300**	**$69,200**	**$141,300**	**$89,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$168,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$28,700	
Windows								
Aluminum	100%	Now	$46,100	2042	* *	5	$11,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Explanation : Retro Installed Window Glides Are Failing								
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$107,700	
Pre-Cast Concrete	60%			LIFE	* *	5	$98,500	
Roof								
IRMA/Protected Membrane	65%	Now	$35,500	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	35%			2043	* *	10	$70,200	
Interior								
Floors								
Carpet	5%			2025	$163,300	3	$19,200	
Cast in Place Concrete	15%	Now	$8,000	LIFE	* *	5	$83,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$12,800	
Vinyl Tile	65%	Now	$141,400	2031	* *	3	$62,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%			2054	* *	5	$48,000	
Interior Walls								
Concrete Masonry Unit	65%	Now	$102,800	LIFE	* *	5	$92,500	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout Upper Part Of Gymnasium								
Gypsum Board	10%			LIFE	* *	5-10	$60,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$44,500	
Ceilings								
AcousTileConcealSpLn	65%	Now	$131,600	2039	* *	5	$101,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	20%			LIFE	* *	10	$100,100	
Gypsum Board	15%			LIFE	* *	5-10	$129,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3 Electrical Services Rated @ 2000 Amps, 1600 Amps And 2500 Amps								
Transformers								
Dry Type	100%			2039	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 480 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$700	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$400	
Molded Case Bkrs	90%			2042	* *	5	$3,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Comnnected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$49,500	
Generators								
Diesel	100%			2035	* *	1	$62,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 350 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$6,000	
Fuel Storage								
Day Tank	50%			2042	* *	5	$15,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gen Room								
Explanation : 25 Gals								
Main Tank	50%			2054	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gen Room								
Explanation : 750 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$156,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	100%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$12,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$169,300	
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : 3 Boilers Tubes, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$59,700	2046	* *	4	$8,400	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Feed Back Tank, Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : 1 Vacuum Pump, Basement								
Terminal Devices								
Air Handler	50%			2026	$460,700	1	$52,800	
Convector/Radiator	50%			2039	* *	1	$27,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	50%			2035	* *	1	$92,500	
Ext Pkg Unit - Cooling	50%			2026	$394,400	2	$5,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 90 - M

Asset # : 4469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	50%			2046	* *	4	$6,300	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2026	$676,200	1	$52,800	
Fan Coil - Cooling	50%			2031	* *	1	$27,600	
Heat Rejection								
Remote Air Cond	50%			2031	* *	2	$59,500	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$150,900	
Exhaust Fans								
Interior	80%			2031	* *	2	$4,200	
Roof	20%	Now	$1,400	2031	* *	2	$800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	50%			2025	$19,900	2	$1,200	
Gas Fired	50%			2021	$19,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$86,200	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 93 - Q**		
Address	**: 66-56 FOREST AVENUE @MADISON ST.**		
Borough	**: QUEENS**	**Agency's Number**	**: Q093**
Program / Asset #	**: BOE0744.000 / 1613**	**Yr Built/Renovated**	**: 1917 / 1998**
Area Sq Ft	**: 128,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 20-Sep-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,5**		
Block	**: 3490** **Lot : 1**	**BIN**	**: 4083511**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,225,500	$389,400
Interior Architecture	$299,900	$1,102,600
Electrical	$1,027,800	$651,000
Mechanical	$121,500	$1,497,200
Total	**$2,674,700**	**$3,640,200**
Importance Code A	$1,225,500	$431,400
Importance Code B	$1,351,900	$2,837,600
Importance Code C	$97,300	$371,100
Total	**$2,674,700**	**$3,640,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,100	$10,000		
Interior Architecture	$9,300	$21,300	$18,700	$4,000
Electrical	$6,000	$65,200	$5,700	$4,500
Mechanical	$32,300	$36,800	$38,000	$20,000
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$83,600**	**$138,200**	**$67,300**	**$33,500**
Importance Code A	$43,800	$22,900	$12,700	$12,700
Importance Code B	$39,900	$115,200	$54,600	$20,800
Importance Code C				
Total	**$83,600**	**$138,200**	**$67,300**	**$33,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,300	
Masonry: Brick	30%	Now	$126,700	LIFE	* *	5	$21,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : North Facade Basement Wall In Electrical Room								
Masonry: Brick	60%			LIFE	* *	5	$42,000	
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	30%	Now	$815,300	2048	* *	5	$9,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Gymnasium, 1960 Addition								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Wood	70%			2039	* *	5	$454,000	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$12,700	
Masonry: Brick	15%			LIFE	* *	5	$2,700	
Metal: Cage/Fence	15%			2036	* *	5-10	$21,100	
Roof								
Built-Up (BUR)	68%			2028	* *	10	$56,600	
Copper/Terne	5%	Now	$11,200	2051	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead, Attic								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Attic								
IRMA/Protected Membrane	15%	Now	$19,900	2023	$99,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1960 Addition								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : 1960 Addition								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : 1960 Addition								
Single Ply Membrane	12%			2028	* *	10	$10,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$10,700	
Marble Panels	3%			LIFE	* *	5	$4,800	
Terrazzo	2%			LIFE	* *	5	$3,300	
Vinyl Tile	35%			2028	* *	3	$28,000	
Vinyl Tile	35%			2031	* *	3	$28,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second And Third Floors Of 1916 Wing								
Vinyl Tile	15%			2023	$271,900	3	$16,000	
Wood	5%			2051	* *	5	$20,000	
Interior Walls								
Ceramic Tile	5%			2026	$334,700	5	$12,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,700	
Gypsum Board	20%			LIFE	* *	5	$29,100	
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$97,300	LIFE	* *	5	$36,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair(s), 5th Floor, Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stair(s), 5th Floor, Penthouse, Rooms 501, 503, 509, 511								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2021	$395,700	5	$42,600	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1960 Wing								
AcousTileSusp.Lay-In	20%			2028	* *	5	$42,600	
Exposed Concrete	10%	Now	$68,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Penthouse								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Penthouse								
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	48%	Now	$134,100	LIFE	* *	5	$63,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Rooms 404, 501, 504								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps And Two 400 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$195,500	5	$3,400	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$400	
Molded Case Bkrs	75%			2022	$168,200	5	$2,500	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	65%	2-4	$194,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$400	
Locally Mounted	50%			2021	$57,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	10%			2018	$158,200	10	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	7%			2028	* *	10	$9,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Hallway								
Explanation : T-5 Lamps								
Fluorescent	80%			2028	* *	10	$104,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$34,100	10	$100	
Egress Lighting								
Exit, Service	50%			2018	$19,200	1		
Exit, Battery	50%			2018	$65,500	10	$4,800	
Exterior Lighting								
HID	100%			2018	$483,400	10	$400	
Alarm								
Security System								
No Component	65%							
Generic	35%			2028	* *	1	$16,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$31,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	80%			2033	* *	5	$35,300	
Natural Gas	20%			2043	* *	1		
Conversion Equipment								
Furnace	20%			2028	* *	1	$14,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Addition Roof								
Explanation : 10 Roof Top Package Units								
Steam Boiler	80%			2028	* *	1	$112,800	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	80%			2033	* *	4	$8,400	
No Component	20%							
Terminal Devices								
Air Handler	20%			2023	$153,600	1	$17,600	
Convector/Radiator	80%			2021	$1,076,300	1	$36,800	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2023	$187,900	2	$1,700	
Window/Wall Unit	20%			2018	$58,600	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,400	
Exhaust Fans								
Interior	40%			2018	$63,000	2	$1,700	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Penthouse								
Explanation : 1 House Exhaust Fan Was Removed From Pentouse								
Roof	20%			2028	* *	2	$900	
No Component	40%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 93 - Q

Asset # : 1613

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%	Now	$9,900	2021	$33,100	2	$1,700	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2023	$44,200	4	$14,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Addition, 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$8,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 96 - BK**
Address : **99 AVENUE P BTWN: WEST 11 ST, WEST 12 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K096**
Program / Asset # : **BOE0409.000 / 1** | **Yr Built/Renovated** : **1929 / 2010**
Area Sq Ft : **136,540** | **Project Type** : **EDUCATION**
Date of Survey : **28-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **6595** **Lot** : **33** | **BIN** : **3174076**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$851,100	$60,200
Interior Architecture	$1,083,500	$370,700
Electrical	$104,200	$1,866,900
Mechanical	$184,400	$1,566,000
Total	**$2,223,200**	**$3,863,800**
Importance Code A	$851,100	$102,200
Importance Code B	$1,082,900	$3,703,400
Importance Code C	$289,100	$58,200
Total	**$2,223,200**	**$3,863,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,900		$25,500	
Interior Architecture	$54,200		$20,700	
Electrical	$3,400	$1,000	$1,500	$2,800
Mechanical	$42,400	$26,500	$37,200	$30,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$130,900**	**$31,500**	**$88,700**	**$37,700**
Importance Code A	$41,900	$15,000	$40,500	$15,000
Importance Code B	$81,200	$16,500	$41,800	$22,600
Importance Code C	$7,800		$6,500	
Total	**$130,900**	**$31,500**	**$88,700**	**$37,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$47,300	LIFE	* *	5	$26,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	2-4	$90,800	LIFE	* *	5	$60,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$5,000	
Windows								
Aluminum	100%	Now	$556,600	2042	* *	5	$33,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$65,900	
Masonry: Brick	80%			LIFE	* *	5-10	$127,000	
Metal Rail	10%			2039	* *	5-10	$41,900	
Roof								
Built-Up (BUR)	100%	Now	$24,400	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$199,000	
Ceramic Tile	5%	0-2	$11,000	2035	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	0-2	$41,200	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$17,100	
Terrazzo	5%	0-2	$10,600	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2031	* *	3	$17,100	
Wood	40%	4+	$600,000	2041	* *	5	$85,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$81,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2029	* *	5	$12,900	
Masonry: Brick	10%			LIFE	* *	10	$7,800	
Marble Panels	5%	0-2	$51,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	0-2	$155,700	LIFE	* *	5	$58,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5-10	$28,400	
Plaster	90%	Now	$53,600	LIFE	* *	5	$127,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amps Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$600	
Raceway								
Conduit	100%			2026	$247,500	1		
Panelboards								
Fused Disc Sw	20%			2025	$44,800	5	$600	
Molded Case Bkrs	80%			2025	$179,400	5	$2,900	
Wiring								
Braided Cloth	30%	2-4	$104,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2026	$243,200	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$900	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$139,300	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 And Compact Lamps								
Egress Lighting								
Emergency, Service	50%			2021	$37,400	1		
Exit, Service	50%			2026	$20,500	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exterior Lighting								
HID	100%			2021	$515,700	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$82,600	1	$10,200	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : #2 Oil, One Tank With Capacity Of 1,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$150,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$53,000	2036	* *	4	$7,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2026	$204,800	1	$23,500	
Convector/Radiator	50%			2031	* *	1	$24,500	
Fan Coil Unit/Heat	25%			2026	$568,700	1	$12,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2024	$97,800	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Split Units								
Window/Wall Unit	30%			2019	$93,700	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$134,100	
Exhaust Fans								
Interior	100%			2026	$167,900	2	$4,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$453,800	1		
Water Heater								
Gas Fired	100%			2021	$35,300	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 600 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Compressed Air	50%			2036	* *	4	$800	
Electric	50%			2026	$5,500	4	$1,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : From Basement To 4th Floor								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 96 - BK

Asset # : 1

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$2,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 98 - BX (J. H. S. 98 - BX)**		
Address	: **1619 BOSTON ROAD @ E.173 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X098**
Program / Asset #	: **BOE0239.000 / 2603**	**Yr Built/Renovated**	: **1931 / 2013**
Area Sq Ft	: **143,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Dec-2013**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,ph**		
Block	: **2939** **Lot** : **93**	**BIN**	: **2009867**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$423,600	$488,100
Interior Architecture	$1,732,000	$154,400
Electrical	$958,800	$914,200
Mechanical	$518,300	$2,119,200
Total	**$3,632,700**	**$3,675,800**
Importance Code A	$423,600	$534,000
Importance Code B	$3,209,100	$3,091,500
Importance Code C		$50,400
Total	**$3,632,700**	**$3,675,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$6,000	$6,800	$69,200
Electrical	$1,600	$2,100	$2,600	$2,700
Mechanical	$24,600	$25,800	$37,000	$25,000
Total	**$26,200**	**$33,800**	**$46,400**	**$96,800**
Importance Code A	$15,800	$15,800	$15,800	$16,100
Importance Code B	$10,500	$18,100	$23,800	$80,800
Importance Code C			$6,800	
Total	**$26,200**	**$33,800**	**$46,400**	**$96,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$67,200	
Masonry: Limestone	13%			LIFE	* *	5	$8,200	
Masonry: Limestone	7%			LIFE	* *	5	$4,400	
Windows								
Glass Block	2%			LIFE	* *	5	$900	
Wood	98%			2047	* *	5	$730,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,700	
Masonry: Brick	80%			LIFE	* *	5	$13,900	
Masonry: Limestone	10%			LIFE	* *	5	$2,200	
Metal Security Bars	5%			2040	* *			
Roof								
Copper/Terne	25%	Now	$58,400	2040	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Explanation : Open Seams								
Modified Bitumen	70%			2035	* *	10	$55,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2045	* *	10	$13,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,000	
Mosaic Tile	3%			2030	* *	5	$17,900	
Marble Panels	2%			LIFE	* *	5	$3,600	
Terrazzo	5%	Now	$60,500	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	20%			2030	* *	3	$17,900	
Vinyl Tile 9" X 9"	50%	Now	$1,432,900	2035	* *	3	$44,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	15%			2040	* *	5	$67,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$13,600	
Marble Panels	3%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$50,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2030	* *	5	$23,800	
Exposed Concrete	20%			LIFE	* *	5	$7,400	
Plaster	70%	Now	$238,600	LIFE	* *	5	$104,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$45,900	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$192,200	5	$500	
Fused Disc Sw	20%			2045	* *	5	$100	
Raceway								
Conduit	90%			2025	$243,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$12,200	5	$200	
Fused Knife Sw	35%	2-4	$85,700	2050	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	50%			2024	$122,500	5	$1,900	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Braided Cloth	40%	2-4	$151,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2035	* *	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2030	* *	10	$131,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2025	$193,100	10	$14,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Hallways								
Egress Lighting								
Emergency, Battery	50%			2025	$117,200	10	$19,200	
Exit, LED	50%			2040	* *	1		
Exterior Lighting								
HID	100%			2020	$590,000	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$157,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	Now	$121,400	2035	* *	4	$7,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : F & T Traps And Thermostats								
Terminal Devices								
Convector/Radiator	80%			2023	$1,313,500	1	$41,100	
Fan Coil Unit/Heat	20%			2025	$520,500	1	$10,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 98 - BX (J. H. S. 98 - BX)

Asset # : 2603

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$214,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,700	
Exhaust Fans								
Interior	95%			2020	$182,500	2	$4,600	
Roof	5%			2030	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$103,800	1		
Water Heater								
Gas Fired	100%			2023	$40,400	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$101,500	1-2	$2,200	
Fire Pump								
Generic	100%			2028	* *	1	$29,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 109 - Q**		
Address	**: 213-10 92 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q109**
Program / Asset #	**: BOE0759.000 / 1589**	**Yr Built/Renovated**	**: 1925 / 2008**
Area Sq Ft	**: 107,168**	**Project Type**	**: EDUCATION**
Date of Survey	**: 04-Nov-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,5**		
Block	**: 10626** **Lot : 1**	**BIN**	**: 4226839**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$66,100	$52,700
Interior Architecture	$75,900	$668,300
Electrical	$194,000	$2,823,500
Mechanical	$535,700	$1,076,000
Total	**$871,700**	**$4,620,500**
Importance Code A	$66,100	$94,700
Importance Code B	$805,600	$4,525,800
Total	**$871,700**	**$4,620,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$27,100	
Interior Architecture	$25,600	$44,600	$5,600	$8,900
Electrical	$14,400	$12,600	$3,500	$4,000
Mechanical	$35,100	$36,800	$28,500	$17,100
Total	**$75,100**	**$93,900**	**$64,800**	**$30,100**
Importance Code A	$11,800	$12,000	$39,000	$11,800
Importance Code B	$63,300	$81,900	$25,800	$18,300
Importance Code C				
Total	**$75,100**	**$93,900**	**$64,800**	**$30,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$22,900	
Masonry: Brick	90%			LIFE	* *	5	$52,700	
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%			2039	* *	5	$54,300	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$66,100	
Metal Panel	5%			2036	* *	10	$6,400	
Interior								
Floors								
Asphalt Poured	5%	Now	$12,200	2043	* *	5	$2,200	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Ceramic Tile	5%			2032	* *	5	$8,900	
Marble Panels	5%			LIFE	* *	5	$6,700	
Quarry Tile	5%			2036	* *	5	$13,400	
Vinyl Tile	40%			2023	$607,000	3	$35,700	
Vinyl Tile	25%			2028	* *	3	$16,700	
Vinyl Tile	5%			2018	$75,900	3	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Explanation : 9x9 Units								
Wood	10%			2038	* *	5	$33,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,100	
Gypsum Board	10%			LIFE	* *	5	$12,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$30,500	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2028	* *	5	$53,500	
Exposed Concrete	15%			LIFE	* *	5	$4,200	
Plaster	55%			LIFE	* *	5	$61,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$500	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Knife Sw	25%	2-4	$44,800	2048	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	65%			2022	$116,600	5	$1,800	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	50%	2-4	$149,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	40%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$600	
Locally Mounted	20%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	Now	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe. Area Of Contact Covered With Paint								
Lighting								
Interior Lighting								
Fluorescent	99%			2023	$1,311,300	10	$108,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2023	$9,500	10		
Egress Lighting								
Emergency, Battery	30%			2028	* *	10	$8,600	
Emergency, Battery	20%			2023	$32,200	10	$5,800	
Exit, Service	20%			2028	* *	1		
Exit, Service	30%			2023	$9,700	1		
Exterior Lighting								
HID	100%			2023	$404,700	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Staircases And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$333,000	1-3	$20,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Staion, Strobe Lights, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$118,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,700	2033	* *	4	$5,900	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	15%			2023	$96,400	1	$11,100	
Convector/Radiator	55%			2021	$619,500	1	$21,200	
Fan Coil Unit/Heat	30%			2018	$535,700	1	$11,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	8%			2018	$19,600	1		
No Component	92%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,500	
Exhaust Fans								
Interior	100%			2023	$131,800	2	$3,700	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 109 - Q

Asset # : 1589

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2033	* *	1		
Galv Iron/Steel	25%			2021	$89,000	1		
Water Heater								
Gas Fired	100%			2021	$27,700	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$11,600	1	$7,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$139,200	1-2	$3,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 111 - BK**		
Address	**: 35 STARR STREET @ SARATOGA AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K111**
Program / Asset #	**: BOE0421.000 / 1381**	**Yr Built/Renovated**	**: 1964 / 2010**
Area Sq Ft	**: 161,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 03-Oct-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 3185 Lot : 1**	**BIN**	**: 3072497**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$85,400	$664,500
Interior Architecture	$1,440,500	$151,300
Electrical	$1,274,700	$2,333,100
Mechanical	$871,700	$668,100
Total	**$3,672,400**	**$3,817,000**
Importance Code A	$917,400	$693,900
Importance Code B	$2,549,100	$3,075,100
Importance Code C	$205,900	$48,000
Total	**$3,672,400**	**$3,817,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,800		$10,800	$10,500
Interior Architecture	$123,700		$4,800	$20,800
Electrical	$28,000	$6,700	$67,900	$5,100
Mechanical	$21,500	$37,500	$67,600	$25,700
Total	**$189,100**	**$44,200**	**$151,100**	**$62,000**
Importance Code A	$15,800	$16,900	$28,000	$27,500
Importance Code B	$120,700	$27,300	$123,100	$34,600
Importance Code C	$52,600			
Total	**$189,100**	**$44,200**	**$151,100**	**$62,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$75,200	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Metal Panel	5%			2044	* *	5-10	$30,400	
Granite Panels	5%			LIFE	* *	5	$3,300	
Windows								
Aluminum	95%			2040	* *	5	$20,900	
Steel	5%	0-2	$5,800	2032	* *	5	$6,900	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Metal Panel	10%			2044	* *	5	$5,100	
Metal Security Bars	10%			2039	* *			
Metal: Cage/Fence	80%			2037	* *	5-10	$80,800	
Roof								
IRMA/Protected Membrane	60%			2024	$523,600	10	$65,700	
IRMA/Protected Membrane	35%			2029	* *	10	$38,300	
Metal Panel	5%			2037	* *	10	$10,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$24,800	2033	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Terrazzo	5%	0-2	$29,700	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%	0-2	$54,400	2019	$1,087,500	3	$48,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	15%			2029	* *	3	$19,200	
Vinyl Tile	15%			2034	* *	3	$14,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%	4+	$42,200	2052	* *	5	$12,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Gyumnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK

Asset # : 1381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$24,600	2033	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Concrete Masonry Unit	9%			LIFE	* *	5	$12,800	
Folding Partition	5%	Now	$141,600	2040	* *	5	$22,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Glazed Ceramic Panel	5%	0-2	$28,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	1%			LIFE	* *			
Plaster	45%	Now	$64,200	LIFE	* *	5	$48,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$50,600	2029	* *	5	$39,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$10,100	2029	* *	5	$12,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Hallways								
Exposed Concrete	20%			LIFE	* *	5	$7,800	
Fiber Board	4%			2029	* *			
Plaster	40%			LIFE	* *	5	$62,600	
Plaster	1%	Now	$1,600	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1800 Amps And One 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK

Asset # : 1381

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$197,900	5	$600	
Fused Disc Sw	10%			2050	* *	5	$100	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$400	
Fused Knife Sw	5%	2-4	$12,700	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2023	$203,300	5	$3,400	
Molded Case Bkrs	5%			2032	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$208,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2024	$86,800	1		
Thermoplastic	10%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Coroded								
Lighting								
Interior Lighting								
Fluorescent	70%			2024	$1,328,900	10	$109,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	* *	10	$31,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	* *	10	$7,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
HID	2%			2032	* *	10	$100	
Incandescent	3%			2019	$57,000	2	$100	

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK

Asset # : 1381

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2019	$33,600	1		
Emergency, Battery	10%			2029	* *	10	$4,100	
Exit, Service	50%			2019	$23,100	1		
Exterior Lighting								
HID	70%			2019	$425,600	10	$300	
HID	30%			2029	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$18,000	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$583,600	1-3	$34,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$52,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%	0-2	$832,000	2044	* *	1	$152,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$12,600	
Terminal Devices								
Air Handler	20%			2024	$184,300	1	$21,100	
Convector/Radiator	75%			2029	* *	1	$41,400	
Fan Coil Unit/Heat	5%			2024	$128,000	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2022	$140,500	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,300	

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DEPARTMENT OF EDUCATION - 040

I. S. 111 - BK

Asset # : 1381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%			2024	$132,200	2	$3,700	
Roof	30%	Now	$2,000	2024	$40,800	2	$1,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Missing A Hood								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$39,800	2	$2,500	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$25,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In The Basement When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$2,400	
Chemical System								
Dry	10%			2019	$2,600	1-3	$5,100	
No Component	90%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 113 - BK**
Address : **300 ADELPHI STREET BTWN: DEKALB AVE., LAFAYETTE AVE**
Borough : **BROOKLYN**
Agency's Number : **K113**
Program / Asset # : **BOE0423.000 / 1383**
Yr Built/Renovated : **1962 / 2006**
Area Sq Ft : **147,000**
Project Type : **EDUCATION**
Date of Survey : **25-Feb-2015**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2103** **Lot** : **4**
BIN : **3059051**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$255,600	$175,700
Interior Architecture	$1,092,600	$2,112,800
Electrical	$341,300	$1,022,200
Mechanical	$167,400	$2,890,500
Total	**$1,856,900**	**$6,201,200**
Importance Code A	$297,100	$1,005,500
Importance Code B	$1,303,900	$5,142,100
Importance Code C	$256,000	$53,600
Total	**$1,856,900**	**$6,201,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,500		$10,500	
Interior Architecture	$89,300		$14,300	$24,500
Electrical	$4,400	$3,700	$1,800	$1,700
Mechanical	$20,800	$31,600	$35,400	$23,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$156,000**	**$39,300**	**$66,000**	**$53,300**
Importance Code A	$37,900	$15,500	$25,900	$15,500
Importance Code B	$98,400	$23,800	$40,100	$37,800
Importance Code C	$19,800			
Total	**$156,000**	**$39,300**	**$66,000**	**$53,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$161,500	
Windows								
Aluminum	95%	Now	$174,800	2042	* *	5	$9,500	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Throughout								
Metal Louvers	5%			2035	* *	10	$6,300	
Parapets								
Masonry: Brick	80%	Now	$30,000	LIFE	* *	5	$9,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2046	* *	5	$900	
Metal Rail	8%			2039	* *	5-10	$17,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,000	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$94,900	
Copper/Terne	5%			2054	* *	10	$12,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$51,100	
Ceramic Tile	3%			2035	* *	5	$7,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$18,200	
Vinyl Tile	10%			2031	* *	3	$8,800	
Vinyl Tile 9" X 9"	72%	Now	$607,100	2026	$2,023,500	3	$63,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%	Now	$42,100	2041	* *	5	$10,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$58,800	2035	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$26,000	
Masonry: Brick	7%			LIFE	* *	10	$6,800	
Plaster	55%	Now	$156,600	LIFE	* *	5	$53,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$40,600	
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$22,900	
AcousTile,Adhered	15%	Now	$34,800	2031	* *	5	$17,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5-10	$142,800	
Plaster	25%			LIFE	* *	5-10	$98,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	
Raceway								
Conduit	80%			2026	$216,300	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	95%			2048	* *	5	$3,700	
Wiring								
Braided Cloth	80%	2-4	$303,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	40%			2024	$50,300	5	$400	
Locally Mounted	30%	2-4	$37,700	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Explanation : On Extended Life								
Locally Mounted	30%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$138,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$2,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	1%			2026	$18,900	2		
Egress Lighting								
Emergency, Battery	50%			2026	$115,000	10	$18,800	
Exit, Service	50%			2026	$23,000	1		
Exterior Lighting								
HID	100%			2034	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$16,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$499,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$48,300	
Conversion Equipment								
Steam Boiler	100%	Now	$41,500	2024	$829,800	1	$139,100	
Corroded, Extent : Severe, Area Affected : 15%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units. 1 Heat Exchanger For Portion Of Hot Water Devices In The Building								
Distribution								
Hot Wtr Piping/Pump	20%			2034	* *	4	$2,300	
Steam Piping/Pump	80%	Now	$47,600	2036	* *	4	$6,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump Boiler Room, Oil Tank Room, Fan Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System, Basement								
Terminal Devices								
Air Handler	30%			2026	$275,700	1	$29,000	
Convector/Radiator	70%			2024	$1,127,100	1	$35,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$245,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$137,800	
Exhaust Fans								
Interior	40%			2026	$75,400	2	$1,900	
Roof	60%			2031	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Water Mains, Basement								
Water Heater								
Gas Fired	100%			2019	$39,700	2	$2,300	
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	$23,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$12,100	4	$2,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BK

Asset # : 1383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2026	$298,500	1-2	$6,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 113 - BX (J. H. S. 113 - BX)**		
Address	: **3710 BARNES AVENUE BTWN: E.216 ST. - E.217 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X113**
Program / Asset #	: **BOE0253.000 / 413**	**Yr Built/Renovated**	: **1937 / 2008**
Area Sq Ft	: **208,447**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **4675** **Lot** : **20**	**BIN**	: **2058396**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$878,300	$328,500
Interior Architecture	$1,604,100	$1,487,100
Electrical	$709,100	$4,938,100
Mechanical	$2,110,000	$3,889,100
Total	**$5,301,500**	**$10,642,700**
Importance Code A	$1,893,100	$412,500
Importance Code B	$3,352,500	$10,188,400
Importance Code C	$55,900	$41,800
Total	**$5,301,500**	**$10,642,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$15,500		
Interior Architecture	$18,100	$29,200		$27,300
Electrical	$6,400	$12,300	$5,700	$4,300
Mechanical	$31,900	$62,900	$56,600	$30,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$60,400**	**$123,900**	**$66,200**	**$66,200**
Importance Code A		$36,600	$20,600	$20,600
Importance Code B	$42,300	$87,300	$45,600	$45,500
Importance Code C	$18,100			
Total	**$60,400**	**$123,900**	**$66,200**	**$66,200**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$79,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%	Now	$519,300	LIFE	* *	5	$172,100	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$32,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$323,000	2039	* *	5	$38,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$25,300	
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Roof								
Copper/Terne	10%			2051	* *	10	$38,700	
IRMA/Protected Membrane	10%			2028	* *	10	$15,500	
Modified Bitumen	80%	Now	$36,100	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$68,200	
Ceramic Tile	5%	Now	$90,700	2026	$302,300	5	$7,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$12,200	
Vinyl Tile	35%	Now	$92,800	2023	$928,500	3	$41,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	35%	Now	$278,500	2018	$928,500	3	$41,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Wood	10%			2038	* *	5	$58,500	

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%	Now	$18,100	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$55,900	LIFE	* *	5	$41,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	Now	$75,700	2028	* *	5	$29,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2036	* *	5	$31,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%			LIFE	* *	5	$126,700	
Plaster	10%	Now	$81,900	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Rooms 359, 360, 374								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Rooms 359, 360, 374								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Service Switches Rated At 800 And 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$488,700	5	$900	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$500	
Fused Disc Sw	15%			2022	$71,800	5	$700	
Molded Case Bkrs	10%			2039	* *	5	$500	
Molded Case Bkrs	65%			2022	$310,900	5	$3,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$662,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2033	* *	1		
Motor Controllers								
Locally Mounted	95%			2021	$218,700	5	$1,300	
Locally Mounted	5%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$2,269,100	10	$187,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	2%			2018	$46,300	2	$100	
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$7,000	
Exterior Lighting								
HID	100%			2023	$787,200	10	$600	
Alarm								
Security System								
No Component	90%							
Generic	10%			2028	* *	1	$7,800	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$38,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$513,400	5	$64,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,014,800	2043	* *	1	$185,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 6 Units								
Distribution								
Steam Piping/Pump	100%	Now	$72,800	2023	$1,455,400	4	$10,300	
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	25%	Now	$14,000	2018	$281,000	1	$29,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	60%			2021	$1,181,400	1	$40,400	
Fan Coil Unit/Heat	15%			2018	$468,200	1	$10,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2028	* *	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit								
Window/Wall Unit	10%			2018	$42,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,200	
Exhaust Fans								
Interior	100%			2018	$230,400	2	$6,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$12,500	2021	$622,600	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%			2023	$64,700	4	$20,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 113 - BX (J. H. S. 113 - BX)

Asset # : 413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street : 2nd Floor								
Explanation : One Freight Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B: 3rd Floor								
Explanation : One Passenger Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 116 - BX**
Address : **977 FOX STREET (NEAR E. 163 ST.)**
Borough : **BRONX**
Agency's Number : **X116**
Program / Asset # : **BOE0256.000 / 415**
Yr Built/Renovated : **1975 / 2013**
Area Sq Ft : **174,000**
Project Type : **EDUCATION**
Date of Survey : **24-Jun-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2714** **Lot** : **4**
BIN : **2005660**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$118,300	$95,600
Interior Architecture	$172,100	$111,500
Electrical	$897,400	$1,121,500
Mechanical	$227,800	$2,370,500
Total	**$1,415,600**	**$3,699,100**
Importance Code A	$118,300	$125,000
Importance Code B	$1,167,500	$3,504,900
Importance Code C	$129,800	$69,200
Total	**$1,415,600**	**$3,699,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$1,400	$11,900
Interior Architecture	$49,500	$6,900		$67,200
Electrical	$6,300	$6,800	$79,400	$5,800
Mechanical	$37,800	$49,700	$110,200	$45,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$97,400**	**$67,300**	**$194,900**	**$134,800**
Importance Code A	$18,300	$18,300	$20,000	$30,200
Importance Code B	$79,200	$49,000	$174,900	$80,500
Importance Code C				$24,000
Total	**$97,400**	**$67,300**	**$194,900**	**$134,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 116 - BX

Asset # : 415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$95,600	
Windows								
Aluminum	100%			2040	* *	5	$23,800	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,700	
Metal Panel	5%			2044	* *	5	$2,700	
Metal Security Bars	5%			2052	* *			
Roof								
Built-Up (BUR)	100%			2029	* *	10	$118,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,200	
Ceramic Tile	5%			2033	* *	5	$13,800	
Panel/Paver: Cer/Brk	5%			2040	* *	5	$31,100	
Vinyl Tile	80%			2029	* *	3	$110,600	
Wood	5%			2052	* *	5	$25,900	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,700	
Folding Partition	5%			2040	* *	5	$48,100	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	Now	$92,600	LIFE	* *	5	$69,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	Now	$37,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Custodian Office								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Custodian Office								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$84,500	
Exposed Concrete	60%			LIFE	* *	5	$25,400	
Plaster	10%			LIFE	* *	5	$16,900	
Plaster	5%	Now	$8,900	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair 3								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 116 - BX

Asset # : 415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$195,500	5	$600	
Fused Disc Sw	20%			2054	* *	5	$200	
Raceway								
Conduit	95%			2024	$274,600	1		
Conduit	5%			2054	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$400	
Molded Case Bkrs	75%			2023	$190,600	5	$3,400	
Molded Case Bkrs	15%			2049	* *	5	$700	
Wiring								
Thermoplastic	10%			2054	* *	1		
Thermoplastic	90%			2024	$350,900	1		
Motor Controllers								
Locally Mounted	70%			2022	$80,600	5	$800	
Locally Mounted	10%			2044	* *	5	$100	
Motor Control Center	20%			2029	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	83%			2029	* *	10	$140,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2032	* *	10	$25,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st, 2nd Floors & Some Bathrooms								
Explanation : T-8 Lamps								
HID	2%			2019	$29,500	10	$100	
Egress Lighting								
Emergency, Battery	40%			2019	$99,700	10	$17,800	
Emergency, Battery	10%			2034	* *	10	$4,500	
Exit, Service	50%			2019	$24,900	1		
Exterior Lighting								
HID	100%			2019	$657,100	10	$500	
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 116 - BX

Asset # : 415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$19,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$33,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$182,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$13,700	
Terminal Devices								
Air Handler	20%			2024	$199,200	1	$22,800	
Convector/Radiator	80%			2022	$1,395,700	1	$47,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2024	$125,400	1	$17,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	60%			2019	$227,800	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2034	* *	4	$2,700	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2024	$233,900	1	$22,800	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2024	$59,000	2	$25,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 116 - BX

Asset # : 415

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2024	$40,800	2	$1,100	
Roof	80%			2024	$117,500	2	$4,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$110,300	1		
Water Heater								
Gas Fired	100%			2023	$43,000	2	$2,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2032	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-4							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$93,100	
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	$10,400	
Chemical System								
Generic	100%			2019	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 117 - BK**				
Address	: **300 WILLOUGHBY AVENUE @ KENT AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K117**
Program / Asset #	: **BOE0427.000 / 1358**			**Yr Built/Renovated**	: **1955 / 2000**
Area Sq Ft	: **145,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1926**	**Lot**	: **10**	**BIN**	: **3055165**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,888,200	$123,300
Interior Architecture	$1,848,900	$99,800
Electrical	$1,099,300	$1,350,000
Mechanical	$331,500	$2,517,300
Total	**$5,168,000**	**$4,090,400**
Importance Code A	$1,888,200	$922,600
Importance Code B	$2,951,300	$3,118,800
Importance Code C	$328,500	$48,900
Total	**$5,168,000**	**$4,090,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,600			
Interior Architecture	$104,700		$2,700	$20,400
Electrical	$56,000	$2,100	$3,200	$2,000
Mechanical	$29,800	$21,900	$34,600	$46,000
Total	**$223,100**	**$24,100**	**$40,500**	**$68,400**
Importance Code A	$47,700	$15,400	$15,400	$15,700
Importance Code B	$145,200	$8,700	$22,400	$52,700
Importance Code C	$30,200		$2,700	
Total	**$223,100**	**$24,100**	**$40,500**	**$68,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	33%	Now	$659,900	LIFE	* *	5	$43,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 60%								
Location : Chimney And Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
Location : Chimney And Bulkheads								
Masonry: Brick	60%			LIFE	* *	5	$79,500	
Metal Panel	5%	2-4	$14,300	2045	* *	5	$12,400	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$2,000	
Windows								
Aluminum	100%			2041	* *	5	$52,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,800	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Roof								
IRMA/Protected Membrane	95%	0-2	$1,228,300	2035	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%	Now	$18,300	2038	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$12,100	LIFE	* *	5	$50,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$22,600	2034	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$27,100	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Steps								
Vinyl Tile	30%	2-4	$118,800	2030	* *	3	$26,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	0-2	$1,026,000	2035	* *	3	$34,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	4+	$76,800	2040	* *	5	$21,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	2%			2034	* *	5	$5,400	
Concrete Masonry Unit	10%	2-4	$30,200	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	60%	0-2	$65,400	LIFE	* *	5	$48,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$263,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	8%	Now	$47,000	2038	* *	5	$8,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Gymnasium, Corridor Near Boiler Room								
AcousTileConcealSpLn	15%	2-4	$12,800	2030	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	62%	0-2	$210,300	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	15%	Now	$41,500	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2025	$44,000	5	$100	
Fused Knife Sw	80%	2-4	$175,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2025	$247,500	1		
Panelboards								
Fused Knife Sw	5%	2-4	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	15%	2-4	$33,600	2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	80%			2024	$179,400	5	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$277,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$69,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	84%			2030	* *	10	$119,900	
T-12 Lamps, Extent : Moderate, Area Affected : 86%								
Location : Throughout The Building								
Fluorescent	10%			2033	* *	10	$14,300	
T-8 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room & Hallways								
Fluorescent	2%			2033	* *	10	$2,900	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Water Main Room								
LED	4%			2033	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$104,900	10	$18,800	
Exit, Service	50%			2025	$21,000	1		
Exterior Lighting								
HID	100%			2025	$547,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$16,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$525,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$48,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$15,100	2023	$757,300	1	$138,700	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : #2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$108,600	2045	* *	4	$7,700	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Return Line In Staircase #1 & #2 / Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,400	2025	$167,800	1	$17,300	
Broken, Extent : Severe, Area Affected : 10%								
Location : Bearings & Flexible Connections, Basement Fan Room								
Convector/Radiator	80%	Now	$58,800	2023	$1,175,600	1	$36,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$127,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,700	
Exhaust Fans								
Interior	50%	Now	$4,300	2025	$86,000	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Basement Fan Room								
Roof	50%	Now	$3,100	2025	$61,800	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%	Now	$2,800	2023	$139,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2020	$36,200	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BK

Asset # : 1358

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$90,800	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 117 - BX (J. H. S. 117 - BX)**
Address : **1865 MORRIS AVENUE BTWN: MOUNT HOPE PL., EAST 176 S**
Borough : **BRONX** | **Agency's Number** : **X117**
Program / Asset # : **BOE0257.000 / 416** | **Yr Built/Renovated** : **1937 / 2000**
Area Sq Ft : **112,000** | **Project Type** : **EDUCATION**
Date of Survey : **23-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **2827** **Lot** : **1** | **BIN** : **2007902**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$176,400	$138,300
Interior Architecture	$166,100	$1,367,700
Electrical		$1,839,500
Mechanical	$209,300	$3,304,200
Total	**$551,700**	**$6,649,800**
Importance Code A	$237,000	$745,000
Importance Code B	$251,700	$5,904,800
Importance Code C	$63,000	
Total	**$551,700**	**$6,649,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$70,500			
Interior Architecture	$74,100		$4,700	$26,800
Electrical	$2,600	$800	$2,200	$800
Mechanical	$35,300	$25,100	$32,600	$26,500
Total	**$182,600**	**$26,000**	**$39,400**	**$54,100**
Importance Code A	$70,500	$12,300	$12,300	$12,300
Importance Code B	$73,500	$13,600	$27,100	$36,400
Importance Code C	$38,600			$5,300
Total	**$182,600**	**$26,000**	**$39,400**	**$54,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$102,000	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Head Of 4th Floor Windows To Parapet								
Masonry: Limestone	7%	Now	$42,000	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2042	* *	5	$54,500	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5-10	$97,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5-10	$34,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$24,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping								
Roof								
Modified Bitumen	100%			2034	* *	10	$87,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$1,900	LIFE	* *	5	$20,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Pit								
Ceramic Tile	3%			2035	* *	5	$5,600	
Terrazzo	2%			LIFE	* *	5	$5,800	
Vinyl Tile	80%			2026	$1,268,800	3	$74,600	
Wood	10%	2-4	$61,500	2041	* *	5	$17,500	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 4th Floor Gymnasium								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,600	
Glass: Single Pane	2%			LIFE	* *	5	$6,400	
Masonry: Brick	10%			LIFE	* *	10	$6,400	
Metal: Cage/Fence	2%			LIFE	* *	10	$800	
Marble Panels	2%			LIFE	* *	10	$1,700	
Plaster	54%			LIFE	* *	5-10	$97,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	$9,300	
Exposed Concrete	10%	Now	$12,000	LIFE	* *	5	$2,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 429, Boys Gymnasium								
Plaster	85%	Now	$41,500	LIFE	* *	5	$98,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout - Proximate To Steam Pipes								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$500	
Raceway								
Conduit	90%			2036	* *	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Molded Case Bkrs	85%			2034	* *	5	$2,500	
Molded Case Bkrs	10%			2042	* *	5	$300	
Wiring								
Thermoplastic	90%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2026	$1,245,900	10	$102,900	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	8%			2031	* *	10	$9,100	
Other Observation, Extent : Moderate, Area Affected : 8%								
Location : Auditorium And Stairway								
Explanation : T-5 Lamps								
HID	2%			2026	$19,900	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$15,000	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$423,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$67,800	1	$8,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$38,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Sidewalk Vault								
Explanation : 2- 10,000 Gallon Tanks For #4 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$60,700	2024	$606,700	1	$111,100	
Damaged, Extent : Moderate, Area Affected : 33%								
Location : Boiler Room, Defective Fire Box Door On Boiler #2, Leaky Tubes On Boiler #3								
Malfunctioning, Extent : Moderate, Area Affected : 33%								
Location : Unreliable Boiler Burner Operation On Boiler #3								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%			2046	* *	4	$900	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Vacuum Pumps								
Steam Piping/Pump	90%			2026	$783,100	4	$8,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2021	$134,400	1	$15,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
Convector/Radiator	10%	Now	$117,700	2046	* *	1	$3,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Steam Traps								
Convector/Radiator	35%			2024	$412,000	1	$14,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	35%			2026	$653,100	1	$14,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$10,200	2021	$205,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,000	
Exhaust Fans								
Interior	100%			2021	$137,800	2	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fans Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$372,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 117 - BX (J. H. S. 117 - BX)

Asset # : 416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2025	$29,000	2	$1,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 175 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2026	$12,100	1	$7,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,500	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 118 - BX (J. H. S. 118 - BX)**
Address : **577 EAST 179 STREET @LA FONTAINE AVENUE**
Borough : **BRONX** | **Agency's Number** : **X118**
Program / Asset # : **BOE0258.000 / 417** | **Yr Built/Renovated** : **1939 / 2003**
Area Sq Ft : **95,000** | **Project Type** : **EDUCATION**
Date of Survey : **25-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3069** **Lot** : **1** | **BIN** : **2011995**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$64,500	$41,900
Interior Architecture	$89,000	$593,500
Electrical	$889,300	$209,600
Mechanical	$86,900	$445,000
Total	**$1,129,700**	**$1,290,000**
Importance Code A	$64,500	$78,900
Importance Code B	$1,065,200	$1,211,100
Total	**$1,129,700**	**$1,290,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,100		$5,600	$23,100
Interior Architecture	$16,700	$8,100	$3,900	
Electrical	$30,400	$2,700	$40,000	$2,900
Mechanical	$31,100	$15,900	$48,300	$15,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$121,300**	**$30,600**	**$101,700**	**$45,800**
Importance Code A	$49,600	$10,500	$16,200	$33,600
Importance Code B	$71,700	$18,400	$85,500	$12,300
Importance Code C		$1,800		
Total	**$121,300**	**$30,600**	**$101,700**	**$45,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$40,900	
Masonry: Brick	2%			LIFE	* *	5	$900	
Masonry: Granite	2%	Now	$33,000	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exterior Steps, Exits 4 And 5								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Exterior Steps, Exits 4 And 5								
Masonry: Limestone	8%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%			2040	* *	5	$46,200	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,300	
Masonry: Limestone	30%			LIFE	* *	5	$6,100	
Roof								
Built-Up (BUR)	95%	Now	$64,500	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Copper/Terne	3%			2039	* *	10	$5,600	
Roll Roofing	2%	Now	$6,100	2026	$6,100	5	$1,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : First Floor Exit 3								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Over Exit 3 At First Floor								
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$4,700	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	32%			2024	$430,500	3	$19,000	
Wood	60%			2039	* *	5	$178,000	
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$3,600	
Concrete Masonry Unit	3%			LIFE	* *	5	$2,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$32,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$7,900	
AcousTileSusp.Lay-In	5%			2037	* *	5	$7,900	
Exposed Concrete	15%			LIFE	* *	5	$3,700	
Plaster	70%			LIFE	* *	5	$69,100	
Plaster	5%	Now	$10,400	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Exit 3 At First Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Exit 3								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 800 Amperes And 400 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$171,100	2054	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Fused Knife Sw	10%	0-2	$17,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	70%	2-4	$125,600	2049	* *	5	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2040	* *	5	$300	
Wiring								
Braided Cloth	80%	0-2	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2029	* *	10	$93,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2029	* *	10	$100	
Incandescent	2%			2019	$23,500	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$12,800	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$295,200	1-3	$17,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$104,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX (J. H. S. 118 - BX)

Asset # : 417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$14,800	2034	* *	4	$5,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2024	$228,000	1	$26,200	
Convector/Radiator	60%			2029	* *	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$86,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,900	
Exhaust Fans								
Interior	100%			2024	$116,800	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$63,100	1		
Water Heater								
Gas Fired	100%			2019	$24,600	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$37,000	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 118 - BX MINISCHOOL**		
Address	: **577 EAST 179 STREET @ LA FONTAINE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X118**
Program / Asset #	: **BOE0258.010 / 13429**	**Yr Built/Renovated**	: **1998 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3069** **Lot** : **1**	**BIN**	: **2011995**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,900			
Interior Architecture	$9,700	$800		$2,000
Electrical	$500	$300	$600	$400
Mechanical	$800	$600	$2,500	$600
Total	**$56,800**	**$1,700**	**$3,100**	**$2,900**
Importance Code A	$46,400	$600	$700	$600
Importance Code B	$10,400	$800	$2,400	$2,400
Importance Code C		$400		
Total	**$56,800**	**$1,700**	**$3,100**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX MINISCHOOL

Asset # : 13429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,300	
Metal Panel	95%	Now	$11,800	2044	* *	5	$30,700	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$11,000	2040	* *	5	$1,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Single Ply Membrane	100%	Now	$23,000	2029	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$800	
Vinyl Tile	95%			2029	* *	3	$8,000	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$700	
Gypsum Board	95%			LIFE	* *	5	$8,400	
Ceilings								
AcousTileSusp.Lay-In	95%			2037	* *	5	$15,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Corridor(s)								
Gypsum Board	5%			LIFE	* *	5	$1,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2034	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$300	
Wiring								
Thermoplastic	100%			2034	* *	1		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX MINISCHOOL

Asset # : 13429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$10,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$1,400	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Furnace	100%			2024	$13,700	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Internal Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - BX MINISCHOOL

Asset # : 13429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	$6,100	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Internal Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	80%			2029	* *	2	$300	
Roof	20%	Now		2032	* *	2	$100	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2022	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 118 - M (J. H. S. 118 - M)**
Address : **154 WEST 93 STREET BTWN: COLUMBUS AVE., AMSTERDAM A**
Borough : **MANHATTAN**
Agency's Number : **M118**
Program / Asset # : **BOE0069.000 / 1695**
Yr Built/Renovated : **1940 / 2010**
Area Sq Ft : **140,000**
Project Type : **EDUCATION**
Date of Survey : **20-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,8**
Block : **1223** **Lot** : **5**
BIN : **1032522**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$522,800	$464,300
Interior Architecture	$1,670,900	$163,500
Electrical	$260,500	$989,200
Mechanical	$233,900	$1,349,200
Total	**$2,688,200**	**$2,966,300**
Importance Code A	$560,700	$1,264,700
Importance Code B	$1,874,700	$1,661,800
Importance Code C	$252,800	$39,800
Total	**$2,688,200**	**$2,966,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,800			
Interior Architecture	$71,800		$18,300	$14,600
Electrical	$3,700	$1,700	$1,900	$3,300
Mechanical	$19,900	$29,400	$41,500	$36,300
Elevators/Escalators	$31,600	$31,600	$31,600	$31,600
Total	**$176,800**	**$62,700**	**$93,400**	**$85,800**
Importance Code A	$49,800	$15,400	$15,400	$15,400
Importance Code B	$88,600	$47,300	$71,300	$70,400
Importance Code C	$38,500		$6,600	
Total	**$176,800**	**$62,700**	**$93,400**	**$85,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$257,500	LIFE	* *	5	$85,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$49,100	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$150,600	2048	* *	5	$35,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Steel	5%	Now	$19,800	2025	$197,600	5	$23,600	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$76,900	
Masonry: Limestone	15%			LIFE	* *	5-10	$24,200	
Roof								
Built-Up (BUR)	92%			2034	* *	10	$55,800	
Cast in Place Concrete	5%	Now	$8,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Copper/Terne	2%			2061	* *	10	$3,000	
Skylight, Metal/Glass	1%			2026	$89,600	10	$2,000	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$24,300	LIFE	* *	5	$51,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%			2029	* *	5	$11,700	
Terrazzo	5%			LIFE	* *	5	$18,200	
Vinyl Tile	20%			2031	* *	3	$17,500	
Vinyl Tile	50%	Now	$991,300	2036	* *	3	$43,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout Cafeteria, Auditorium, Classrooms, Corridors								
Wood	10%			2041	* *	5	$43,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$33,200	
Ceramic Tile	5%			2029	* *	5	$13,300	
Masonry: Limestone	2%			LIFE	* *	10	$2,100	
Marble Panels	3%			LIFE	* *	10	$3,200	
Plaster	50%			LIFE	* *	5-10	$112,800	
SGFT/Glazed Masonry	35%	Now	$179,800	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Along Bullnose Course In Corridors Throughout								
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$23,300	
Exposed Concrete	40%	Now	$299,600	LIFE	* *	5	$14,500	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	50%			LIFE	* *	5-10	$200,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2026	$42,000	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Service Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$219,900	5	$3,700	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	85%			2025	$190,600	5	$3,100	
Molded Case Bkrs	5%			2042	* *	5	$200	
Wiring								
Braided Cloth	75%	2-4	$260,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$69,500	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$92,100	5	$800	
Locally Mounted	20%			2043	* *	5	$200	
Ground								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$140,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$18,800	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$15,700	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$48,300	
Conversion Equipment								
Steam Boiler	100%	0-2	$37,900	2024	$758,400	1	$138,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler No 1 & Boiler No 4 In Sub Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$54,400	2036	* *	4	$7,700	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump In The Sub Basement								
Terminal Devices								
Air Handler	30%			2026	$252,000	1	$28,900	
Convector/Radiator	70%	Now	$103,000	2031	* *	1	$31,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Thermostatic Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2021	$128,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$137,500	
Exhaust Fans								
Interior	100%			2026	$172,200	2	$4,800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Duplex Pumps Serve House Tank								
Water Heater								
Electric	50%			2021	$12,100	4	$700	
Gas Fired	50%			2024	$18,100	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 120 Gallon Unit								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$15,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2034	* *	1	$9,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 7th Floor (3) Basement To 8th Floor (1)								
Explanation : 4 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$78,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 118 - M (J. H. S. 118 - M)

Asset # : 1695

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2046	* *	1-2	$13,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 119 - Q**
Address : **74-01 78 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0769.000 / 1557**
Area Sq Ft : **101,000**
Date of Survey : **17-Mar-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3812** **Lot** : **20**

Agency's Number : **Q119**
Yr Built/Renovated : **1929 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4092660**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$603,400	$345,300
Interior Architecture	$345,900	$417,400
Electrical	$179,000	$2,159,100
Mechanical	$296,900	$530,800
Total	**$1,425,200**	**$3,452,500**
Importance Code A	$603,400	$366,300
Importance Code B	$821,800	$3,086,200
Total	**$1,425,200**	**$3,452,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,900	$18,800		
Interior Architecture	$3,200	$28,400	$8,400	$18,900
Electrical	$1,100	$1,800	$2,000	$45,100
Mechanical	$26,000	$20,900	$28,000	$28,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$54,100**	**$77,800**	**$46,300**	**$100,200**
Importance Code A	$25,400	$28,300	$9,500	$9,700
Importance Code B	$28,700	$49,500	$36,800	$90,600
Importance Code C				
Total	**$54,100**	**$77,800**	**$46,300**	**$100,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,300	
Masonry: Brick	62%	Now	$92,500	LIFE	* *	5	$30,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 1929 Wing								
Masonry: Brick Cavity	30%			LIFE	* *	5	$14,800	
Masonry: Granite	3%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%	Now	$411,700	2041	* *	5	$24,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,600	
Masonry: Brick	50%	Now	$99,200	LIFE	* *	5	$8,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Masonry: Brick Cavity	30%			LIFE	* *	5	$5,200	
Metal Rail	10%			2038	* *	5-10	$31,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,400	
Roof								
Built-Up (BUR)	50%			2025	$180,300	10	$39,400	
IRMA/Protected Membrane	20%			2025	$125,600	10	$15,700	
Single Ply Membrane	30%	Now	$15,900	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : 1999 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1999 Wing								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$73,600	
Ceramic Tile	5%			2034	* *	5	$8,400	
Quarry Tile	5%			2038	* *	5	$12,600	
Vinyl Tile	25%			2030	* *	3	$15,800	
Vinyl Tile	20%			2025	$286,100	3	$12,600	
Vinyl Tile 9" X 9"	15%			2020	$277,900	3	$12,600	
Wood	10%			2040	* *	5	$31,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$11,500	
Gypsum Board	15%			LIFE	* *	5	$17,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$25,800	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%	Now	$67,900	2045	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	20%			2038	* *	5	$33,600	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Science Room, Corridors In 1999 Wing Room 303								
Exposed Concrete	15%			LIFE	* *	5	$3,900	
Gypsum Board	5%			LIFE	* *	5	$10,500	
Plaster	55%			LIFE	* *	5	$57,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Fused Disc Sw	50%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$136,800	5	$300	
Fused Disc Sw	30%			2035	* *	5	$100	
Raceway								
Conduit	70%			2025	$146,100	1		
Conduit	30%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Disc Sw	5%			2033	* *	5	$100	
Molded Case Bkrs	30%			2033	* *	5	$800	
Molded Case Bkrs	60%			2024	$107,600	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$179,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	40%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$300	
Locally Mounted	50%			2023	$57,600	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	68%			2025	$848,900	10	$70,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Fluorescent	30%			2030	* *	10	$30,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
HID	1%			2025	$9,000	10		
Incandescent	1%			2020	$12,500	2		
Egress Lighting								
Emergency, Battery	50%			2025	$75,800	10	$13,600	
Exit, Service	50%			2025	$15,200	1		
Exterior Lighting								
HID	100%			2025	$381,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$313,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Horns And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2045	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2030	* *	1	$16,700	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 13 Roof Top Units								
Steam Boiler	70%			2038	* *	1	$77,900	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$54,900	2045	* *	4	$3,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
No Component	30%							
Terminal Devices								
Air Handler	20%			2020	$121,200	1	$13,900	
Convector/Radiator	50%			2023	$530,800	1	$18,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2030	* *	2	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 13 Roof Top Units								
Window/Wall Unit	20%	0-2	$2,300	2020	$46,200	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	60%			2020	$74,500	2	$2,100	
Roof	40%			2030	* *	2	$1,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 119 - Q

Asset # : 1557

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$26,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$6,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) 1-4 (1) 1-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$17,000	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$9,500	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 125 - BX (J. H. S. 125 - BX)**		
Address	: **1111 PUGSLEY AVENUE @WATSON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X125**
Program / Asset #	: **BOE0264.000 / 394**	**Yr Built/Renovated**	: **1952 / 2009**
Area Sq Ft	: **146,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3790** **Lot** : **40**	**BIN**	: **2025717**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$135,200	$276,300
Interior Architecture	$270,500	$615,100
Electrical	$1,685,200	$550,500
Mechanical	$393,500	$2,567,800
Total	**$2,484,400**	**$4,009,600**
Importance Code A	$135,200	$1,109,100
Importance Code B	$2,277,100	$2,464,700
Importance Code C	$72,100	$435,800
Total	**$2,484,400**	**$4,009,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,800		$31,600	$13,000
Interior Architecture	$38,700	$12,100	$18,200	$4,600
Electrical	$16,700	$47,600	$4,100	$4,200
Mechanical	$52,300	$62,500	$44,200	$24,400
Total	**$128,500**	**$122,200**	**$98,200**	**$46,200**
Importance Code A	$36,900	$16,400	$47,700	$29,100
Importance Code B	$91,700	$105,800	$50,400	$17,100
Importance Code C				
Total	**$128,500**	**$122,200**	**$98,200**	**$46,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$102,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	95%			2039	* *	5	$63,200	
Steel	5%			2022	$173,900	5	$41,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$27,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,000	
Metal: Cage/Fence	5%			2036	* *	5-10	$12,000	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$135,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2040	* *	10	$13,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$6,300	LIFE	* *	5	$26,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Steps, Throughout								
Ceramic Tile	3%			2026	$141,400	5	$7,300	
Panel/Paver: Bluestone	5%	0-2	$56,700	LIFE	* *	5	$9,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Cracking & Crumbling								
Terrazzo	2%	0-2	$22,600	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%			2028	* *	3	$54,700	
Vinyl Tile	15%	0-2	$62,000	2028	* *	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	10%			2051	* *	5	$45,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$381,800	5	$13,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	65%	Now	$72,100	LIFE	* *	5	$54,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement Rooms B5 And Vault Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Rooms B5 And Vault Room								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%	0-2	$9,800	2036	* *	5	$7,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%			2028	* *	5	$24,300	
Exposed Concrete	55%			LIFE	* *	5	$20,900	
Metal Panel	5%			LIFE	* *	5	$15,200	
Plaster	25%	Now	$79,700	LIFE	* *	5	$37,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement Rooms B5 And Vault Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Rooms B5 And Vault Room								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$500	
Fused Knife Sw	5%	2-4	$11,200	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2031	* *	5	$800	
Molded Case Bkrs	60%			2022	$134,500	5	$2,300	
Wiring								
Braided Cloth	75%	2-4	$260,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	87%			2028	* *	10	$129,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2023	$38,900	10	$200	
Incandescent	10%			2018	$180,500	2	$400	
Egress Lighting								
Emergency, Battery	50%			2018	$109,600	10	$19,600	
Exit, Service	50%			2018	$21,900	1		
Exterior Lighting								
HID	100%			2018	$551,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$453,700	1-3	$27,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$50,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried								
Explanation : 2 Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2021	$790,900	1	$160,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,700	2023	$1,134,300	4	$8,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Lines								
Terminal Devices								
Air Handler	20%			2018	$175,200	1	$20,100	
Convector/Radiator	80%			2028	* *	1	$42,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	$66,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,600	
Exhaust Fans								
Interior	90%			2018	$161,600	2	$4,500	
Roof	10%			2018	$12,900	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$485,200	1		
HW Heat Exchanger								
Low Temp	100%			2023	$50,400	4	$16,100	
Sanitary Piping								
Cast Iron	100%	Now	$17,600	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Backflow Preventer								
Generic	100%			2031	* *	1	$10,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - BX (J. H. S. 125 - BX)

Asset # : 394

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 125 - Q**		
Address	**: 46-02 47TH AVE. BTWN: 46 ST., 47 ST.**		
Borough	**: QUEENS**	**Agency's Number**	**: Q125**
Program / Asset #	**: BOE0773.000 / 1559**	**Yr Built/Renovated**	**: 1925 / 2006**
Area Sq Ft	**: 116,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 16-Sep-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,5**		
Block	**: 2284 Lot : 6**	**BIN**	**: 4052874**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$487,000	$1,855,100
Interior Architecture	$1,355,600	$54,200
Electrical	$44,800	$2,095,800
Mechanical	$202,700	$361,700
Total	**$2,090,000**	**$4,366,900**
Importance Code A	$487,000	$1,855,100
Importance Code B	$1,447,100	$2,511,700
Importance Code C	$155,900	
Total	**$2,090,000**	**$4,366,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,500	$8,800		
Interior Architecture	$10,600		$55,500	$47,900
Electrical	$25,500	$9,400	$13,200	$9,400
Mechanical	$40,400	$34,100	$44,800	$33,600
Total	**$122,000**	**$52,300**	**$113,400**	**$91,000**
Importance Code A	$58,200	$21,600	$12,800	$12,800
Importance Code B	$56,000	$30,700	$100,600	$45,200
Importance Code C	$7,700			$33,000
Total	**$122,000**	**$52,300**	**$113,400**	**$91,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$49,500	
Masonry: Brick	88%			LIFE	* *	5	$111,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Exterior Perimeter								
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Masonry: Marble	2%			LIFE	* *	5	$1,900	
Windows								
Aluminum	30%			2048	* *	5	$17,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 3rd And 4th Floors								
Aluminum	70%	Now	$344,800	2025	$1,723,900	5	$20,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$9,300	
Masonry: Brick	90%			LIFE	* *	5-10	$101,200	
Masonry: Limestone	3%			LIFE	* *	5-10	$6,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$75,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Roof Drain Fixed								
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$5,800	
Marble Panels	2%			LIFE	* *	5	$5,800	
Vinyl Tile	50%	0-2	$821,300	2036	* *	3	$36,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout Cafeteria And Hallways								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout Cafeteria And Hallways								
Vinyl Tile	35%			2031	* *	3	$25,400	
Wood	10%	Now	$127,400	2054	* *	5	$18,100	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Floor								
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : Throughout Gym								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	30%			2035	* *	5	$65,900	
Masonry: Brick	10%	Now	$42,900	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Entrance To Gym								
Marble Panels	3%	Now	$52,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Broken Panel In Rear Of Auditorium, Stage Left								
Plaster	50%			LIFE	* *	5-10	$93,400	
SGFT/Glazed Masonry	7%			LIFE	* *	10	$7,700	
Ceilings								
AcousTileConcealSpLn	15%			2039	* *	5	$36,200	
AcousTileConcealSpLn	10%	Now	$156,000	2046	* *	5	$12,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileSusp.Lay-In	30%			2039	* *	5	$57,900	
Plaster	45%			LIFE	* *	5-10	$149,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 4000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$500	
Raceway								
Conduit	85%			2046	* *	1		
Conduit	15%			2026	$31,300	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$2,900	
Wiring								
Braided Cloth	15%	2-4	$44,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	85%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$800	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$35,700	
Generators								
Diesel	100%			2035	* *	1	$44,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 275 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$25,900	
Fuel Storage								
Main Tank	100%			2054	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 500 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,405,100	10	$116,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$20,600	10	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$438,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$105,300	1	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Cafeteria, Outside								
Explanation : CCTV Surveillance Camera And Intrusion Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Lobby								
Explanation : Fire Alarm System Is Functional								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 5,000 Gallon Tank, Oil #2								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$127,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Hot Wtr Piping/Pump	90%			2034	* *	4	$8,600	
Steam Piping/Pump	10%			2036	* *	4	$600	
Terminal Devices								
Air Handler	30%			2026	$208,800	1	$23,900	
Convector/Radiator	70%	Now	$170,700	2031	* *	1	$26,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Room Thermostats And Control Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$800	
Window/Wall Unit	20%			2024	$53,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,000	
Exhaust Fans								
Interior	70%			2026	$99,900	2	$2,800	
Roof	30%			2031	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$30,000	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q

Asset # : 1559

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
	Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 20%							
	Location : Throughout							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$65,100	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$3,600	
Fire Pump								
Generic	100%			2035	* *	1	$24,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 125 - Q MINISCHOOL**		
Address	**: 46-02 47 AVENUE BTWN: 46 ST., 47 ST.**		
Borough	**: QUEENS**	**Agency's Number**	**: Q825**
Program / Asset #	**: BOE0773.010 / 2868**	**Yr Built/Renovated**	**: 1991 / 2006**
Area Sq Ft	**: 16,798**	**Project Type**	**: EDUCATION**
Date of Survey	**: 16-Sep-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Roof, Floors 1**		
Block	**: 2284** **Lot : 6**	**BIN**	**: 4052874**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$305,400
Total		**$305,400**
Importance Code B		$305,400
Total		**$305,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,700			
Interior Architecture	$29,000		$17,800	$1,200
Electrical	$700	$700	$900	$700
Mechanical	$10,700	$2,800	$6,800	$2,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$86,100**	**$7,500**	**$29,400**	**$8,200**
Importance Code A	$42,600	$800	$800	$800
Importance Code B	$19,900	$6,600	$28,600	$6,800
Importance Code C	$23,600			$600
Total	**$86,100**	**$7,500**	**$29,400**	**$8,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q MINISCHOOL

Asset # : 2868

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$66,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,400	
Windows								
Aluminum	100%			2042	* *	5	$5,400	
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$1,300	
Quarry Tile	5%			2039	* *	5	$1,900	
Vinyl Tile	90%			2031	* *	3	$8,600	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$1,100	
Gypsum Board	95%			LIFE	* *	5-10	$36,500	
Ceilings								
AcousTileConcealSpLn	90%			2039	* *	5	$27,800	
Gypsum Board	10%			LIFE	* *	5-10	$8,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2034	* *	5	$400	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$5,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q MINISCHOOL

Asset # : 2868

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$189,800	10	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamp								
Egress Lighting								
Emergency, Service	50%			2026	$4,200	1		
Exit, Service	50%			2026	$2,300	1		
Exterior Lighting								
HID	100%			2026	$63,400	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$15,200	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Camera And Intrusion Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$52,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	50%			2052	* *	1		
Natural Gas	50%			2046	* *	1		
Conversion Equipment								
Furnace	100%			2031	* *	1	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 - Gas Fired Furnaces								
Terminal Devices								
Fan Coil Unit/Heat	10%			2031	* *	1	$600	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2031	* *	2	$1,000	
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 125 - Q MINISCHOOL

Asset # : 2868

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2034	* *	1	$10,600	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$11,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,100	
Exhaust Fans								
Roof	100%			2031	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$4,000	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$8,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**I. S. 126 - Q**			
Address	:	**31-51 21 STREET BTWN: 31 DR., 31 RD.**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q126**
Program / Asset #	:	**BOE0774.000 / 1560**	**Yr Built/Renovated**	:	**1925 / 2010**
Area Sq Ft	:	**116,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Sep-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**553** **Lot** : **1**	**BIN**	:	**4006382**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$136,800	$130,500
Interior Architecture	$837,500	$1,440,000
Electrical	$208,900	$2,687,400
Mechanical	$77,000	$2,569,000
Total	**$1,260,200**	**$6,827,000**
Importance Code A	$136,800	$800,900
Importance Code B	$1,062,900	$5,986,500
Importance Code C	$60,500	$39,600
Total	**$1,260,200**	**$6,827,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$63,100	$11,700		
Interior Architecture	$124,900		$6,200	$14,500
Electrical	$3,100	$1,300	$2,100	$2,200
Mechanical	$90,500	$19,100	$28,400	$18,000
Total	**$281,700**	**$32,100**	**$36,700**	**$34,700**
Importance Code A	$75,900	$24,400	$12,800	$12,800
Importance Code B	$131,400	$7,700	$20,600	$21,900
Importance Code C	$74,400		$3,300	
Total	**$281,700**	**$32,100**	**$36,700**	**$34,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$49,500	
Masonry: Brick Cavity	87%			LIFE	* *	5	$110,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Masonry: Granite	5%			LIFE	* *	5	$4,800	
Masonry: Marble	3%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2042	* *	5	$58,800	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$95,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	10%			2043	* *	5-10	$29,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Upper Parapet								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$75,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$42,300	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Pit								
Ceramic Tile	3%			2029	* *	5	$5,800	
Marble Panels	2%			LIFE	* *	5	$5,800	
Traffic Topping	5%	Now	$119,800	2036	* *	5	$6,000	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile 9" X 9"	60%			2021	$1,276,800	3	$58,000	
Wood	25%	Now	$477,900	2041	* *	5	$45,300	
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Classroom(s), Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classroom(s) Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$27,500	
Ceramic Tile	3%			2029	* *	5	$6,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,800	
Masonry: Brick	10%			LIFE	* *	10	$6,600	
Marble Panels	2%			LIFE	* *	10	$1,800	
Plaster	50%			LIFE	* *	5-10	$93,400	
Plaster	10%	Now	$17,600	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$16,500	
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$19,300	
Exposed Concrete	20%			LIFE	* *	5-10	$48,200	
Metal Panel	5%			LIFE	* *	5	$24,100	
Plaster	63%			LIFE	* *	5-10	$208,800	
Plaster	2%			LIFE	* *	5-10	$6,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$500	
Raceway								
Conduit	80%			2026	$166,900	1		
Conduit	20%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$300	
Molded Case Bkrs	50%			2025	$89,700	5	$1,500	
Molded Case Bkrs	40%			2034	* *	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2026	$89,500	1		
Motor Controllers								
Locally Mounted	50%			2031	* *	5	$400	
Locally Mounted	50%			2024	$57,600	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,405,100	10	$116,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$20,600	10	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$87,000	10	$15,600	
Exit, Service	50%			2026	$17,400	1		
Exterior Lighting								
HID	100%			2026	$438,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$317,900	5	$40,000	
Conversion Equipment								
Steam Boiler	100%			2024	$628,300	1	$127,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$45,100	2036	* *	4	$6,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 126 - Q

Asset # : 1560

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$2,800	2026	$139,200	1	$14,400	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections At Basement								
Convector/Radiator	45%			2024	$548,600	1	$18,800	
Fan Coil Unit/Heat	30%	Now	$29,000	2021	$579,800	1	$11,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Unit Heater-Stm/HW	5%			2026	$41,700	4	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$13,300	2021	$132,700	1		
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Throughout								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,000	
Exhaust Fans								
Interior	95%	Now	$2,700	2026	$135,500	2	$3,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Basement								
Roof	5%			2031	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$30,000	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$18,000	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Underneath Auditorium And Cafeteria								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$45,200	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 127 - BX**
Address : **1560 PURDY STREET @ST. RAYMONDS AVE.**
Borough : **BRONX** | **Agency's Number** : **X127**
Program / Asset # : **BOE0266.000 / 396** | **Yr Built/Renovated** : **1953 / 2000**
Area Sq Ft : **128,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Sep-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3948** **Lot** : **55** | **BIN** : **2041247**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$121,000	$46,600
Interior Architecture	$651,000	$1,060,000
Electrical	$1,800,200	$1,645,000
Mechanical	$790,900	$2,228,800
Total	**$3,363,100**	**$4,980,300**
Importance Code A	$121,000	$739,900
Importance Code B	$3,242,100	$4,193,100
Importance Code C		$47,300
Total	**$3,363,100**	**$4,980,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,000	$4,900	$27,700	
Interior Architecture	$43,700	$30,600		$20,000
Electrical	$35,300	$68,000	$4,500	$4,300
Mechanical	$66,200	$53,600	$39,900	$19,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$178,000**	**$165,000**	**$80,000**	**$51,800**
Importance Code A	$38,800	$19,200	$41,800	$14,100
Importance Code B	$129,500	$145,700	$38,100	$37,700
Importance Code C	$9,700			
Total	**$178,000**	**$165,000**	**$80,000**	**$51,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%			LIFE	* *	5	$42,400	
Masonry: Brick	3%	Now	$9,400	LIFE	* *	5	$1,600	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Elevator Shaft								
Masonry: Brick	5%	Now	$15,600	LIFE	* *	5	$2,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney, Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Metal Panel	5%			2033	* *	5-10	$17,800	
Windows								
Aluminum	95%			2039	* *	5	$55,400	
Glass Block	5%			LIFE	* *	5	$1,800	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$21,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Metal Security Bars	10%			2038	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$8,600	
Roof								
Built-Up (BUR)	97%			2028	* *	10	$121,000	
Copper/Terne	3%			2051	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$32,600	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Elevator Pit								
Ceramic Tile	5%	Now	$20,700	2032	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Elevator Area At First Floor								
Terrazzo	3%			LIFE	* *	5	$5,000	
Vinyl Tile	50%			2023	$906,300	3	$53,300	
Vinyl Tile	25%	Now	$453,100	2033	* *	3	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9x9 Units								
Wood	10%			2038	* *	5	$40,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,900	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	5%	Now	$9,700	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Plaster	60%			LIFE	* *	5	$43,700	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$10,600	
AcousTile,Adhered	10%	0-2	$197,900	2043	* *	5	$10,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
AcousTileSusp.Lay-In	5%			2028	* *	5	$10,600	
Plaster	80%			LIFE	* *	5	$106,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2043	* *	5	$100	
Fused Knife Sw	90%	2-4	$175,900	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Fused Knife Sw	10%	2-4	$22,400	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	50%	2-4	$112,100	2048	* *	5	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2022	$44,800	5	$700	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$238,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	10%			2023	$29,800	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	74%			2023	$1,170,700	10	$96,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2031	* *	10	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Some Classrooms, Hallways And Restrooms								
Explanation : T-8 Lamps								
HID	3%			2018	$34,100	10	$100	
Incandescent	3%			2018	$47,500	2	$100	
Egress Lighting								
Emergency, Battery	25%			2018	$48,000	10	$8,600	
Emergency, Battery	25%	Now	$48,000	2033	* *			
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exit, Service	50%			2018	$19,200	1		
Exterior Lighting								
HID	100%			2018	$483,400	10	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$116,200	2033	* *	1	$12,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$530,300	1-3	$31,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$350,800	5	$44,100	
Conversion Equipment								
Steam Boiler	100%	Now	$13,900	2021	$693,400	1	$126,900	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : #1 Boiler, Older Wing Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Separate Basement								
Explanation : 3 Units. Two Boiler Rooms, 2 Units In Old Wing, 1 Unit In Newer Addition								
Distribution								
Steam Piping/Pump	100%	Now	$99,400	2033	* *	4	$7,000	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement And First Floor								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Steam Traps & Thermostats, Various Locations								
Terminal Devices								
Air Handler	20%			2023	$153,600	1	$17,600	
Convector/Radiator	60%			2021	$807,200	1	$27,600	
Fan Coil Unit/Heat	20%			2018	$426,500	1	$9,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$219,600	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 127 - BX

Asset # : 396

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2023	$94,500	2	$2,600	
Roof	40%	Now	$4,500	2018	$45,300	2	$1,400	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Kitchen Exhaust, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$8,500	2033	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%	Now	$33,100	2023	$33,100	2	$1,700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2023	$44,200	4	$14,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Vertical Transport								
Elevators								
Geared Traction	60%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-3								
Explanation : 1 Unit								
Hydraulic	40%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-2								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$49,900	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 131 - BX**		
Address	: **885 BOLTON AVENUE @STORY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X131**
Program / Asset #	: **BOE0269.000 / 397**	**Yr Built/Renovated**	: **1966 / 2011**
Area Sq Ft	: **154,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3644** **Lot** : **1**	**BIN**	: **2103869**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$276,700
Interior Architecture	$1,248,300	$513,900
Electrical	$405,800	$2,620,600
Mechanical	$168,000	$1,833,100
Total	**$1,822,100**	**$5,244,200**
Importance Code A		$1,114,500
Importance Code B	$1,822,100	$4,073,500
Importance Code C		$56,200
Total	**$1,822,100**	**$5,244,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$17,700	$10,500	
Interior Architecture	$15,500	$65,700		$6,700
Electrical	$5,800	$46,700	$5,200	$4,600
Mechanical	$55,600	$60,200	$37,300	$23,000
Total	**$76,800**	**$190,300**	**$53,100**	**$34,400**
Importance Code A	$16,200	$34,200	$26,700	$16,200
Importance Code B	$55,500	$156,100	$26,300	$18,200
Importance Code C	$5,100			
Total	**$76,800**	**$190,300**	**$53,100**	**$34,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$71,900	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	15%			LIFE	* *	5	$41,200	
Windows								
Aluminum	100%			2039	* *	5	$21,100	
Parapets								
Masonry: Brick	5%			LIFE	* *	5	$600	
Metal Rail	20%			2043	* *	5-10	$45,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	75%			LIFE	* *	5	$58,900	
Roof								
Modified Bitumen	100%			2033	* *	10	$104,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Oil Tank Room, Fan Room								
Ceramic Tile	3%			2032	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	22%			2023	$457,700	3	$26,900	
Vinyl Tile	60%			2018	$1,248,300	3	$55,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$22,900	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$10,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$13,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Oil Tank Room								
Folding Partition	2%			2031	* *	5	$17,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$56,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$59,900	
AcousTileSusp.Lay-In	5%			2028	* *	5	$12,000	
Exposed Concrete	65%			LIFE	* *	5	$24,300	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	7%			LIFE	* *	5	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated At 2000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	98%			2023	$242,500	1		
Conduit	2%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$400	
Molded Case Bkrs	63%			2022	$141,300	5	$2,600	
Molded Case Bkrs	25%			2031	* *	5	$1,000	
Molded Case Bkrs	2%			2039	* *	5	$100	
Wiring								
Braided Cloth	78%	2-4	$271,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$69,500	1		
Thermoplastic	2%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$500	
Locally Mounted	50%			2040	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	92%			2023	$1,670,600	10	$137,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2023	$36,300	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lighting Fixtures								
HID	1%			2018	$13,000	10	$100	
Incandescent	5%			2018	$90,800	2	$200	
Egress Lighting								
Emergency, Battery	20%			2018	$44,100	10	$7,900	
Emergency, Battery	30%			2028	* *	10	$11,800	
Exit, Service	30%			2028	* *	1		
Exit, Service	20%			2018	$8,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2031	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$17,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$28,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Strobe Lights, Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$402,600	5	$50,600	
Conversion Equipment								
Steam Boiler	100%			2021	$795,800	1	$161,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,800	2033	* *	4	$8,100	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2023	$176,300	1	$20,200	
Convector/Radiator	80%			2028	* *	1	$42,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$168,000	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 131 - BX

Asset # : 397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2023	$36,100	2	$1,000	
Roof	80%			2033	* *	2	$4,000	
Recent Replace Evident, Extent : Light, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$24,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2023	$381,700	1-2	$9,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 135 - BX (J. H. S. 135 - BX)**
Address : **2441 WALLACE AVENUE @MACE AVENUE**
Borough : **BRONX**
Agency's Number : **X135**
Program / Asset # : **BOE0272.000 / 400**
Yr Built/Renovated : **1955 / 2001**
Area Sq Ft : **136,000**
Project Type : **EDUCATION**
Date of Survey : **29-Feb-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4432** **Lot** : **1**
BIN : **2051313**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$310,700
Interior Architecture	$667,400	$1,254,100
Electrical	$723,300	$1,066,900
Mechanical	$998,300	$199,400
Total	**$2,389,000**	**$2,831,100**
Importance Code A	$42,600	$352,700
Importance Code B	$2,346,400	$2,274,500
Importance Code C		$203,900
Total	**$2,389,000**	**$2,831,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,300	$50,900		
Interior Architecture	$13,700	$20,500		$21,800
Electrical	$25,900	$6,700	$4,100	$3,800
Mechanical	$30,600	$88,100	$40,700	$21,400
Total	**$82,400**	**$166,200**	**$44,800**	**$47,000**
Importance Code A	$24,600	$65,700	$14,500	$14,500
Importance Code B	$57,800	$100,500	$30,400	$32,600
Importance Code C				
Total	**$82,400**	**$166,200**	**$44,800**	**$47,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$111,900	
Repairs in Progress, Extent : Light, Area Affected : 80%								
Location : Along Wallace Avenue								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 80%								
Location : Along Wallace Avenue								
Masonry: Limestone	2%			LIFE	* *	5	$1,900	
Repairs in Progress, Extent : Light, Area Affected : 80%								
Location : Along Wallace Avenue								
Metal Panel	8%			2033	* *	5-10	$68,400	
Windows								
Aluminum	100%			2048	* *	5	$49,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$4,900	
Masonry: Brick	90%	0-2	$12,300	LIFE	* *	5	$4,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout Interior Face								
Roof								
Copper/Terne	2%			2038	* *	10	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stair Bulkheads								
Explanation : Covered With Tar								
IRMA/Protected Membrane	98%			2033	* *	10	$149,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Interior								
Floors								
Cast in Place Concrete	6%			LIFE	* *	5	$28,700	
Ceramic Tile	2%			2026	$84,700	5	$4,400	
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	50%			2023	$928,500	3	$54,600	
Vinyl Tile	30%	0-2	$557,100	2033	* *	3	$24,600	
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout Classrooms, Corridors And Stair Landings								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : 9x9 Tiles								
Wood	10%			2038	* *	5	$40,900	
Interior Walls								
Ceramic Tile	2%			2026	$140,700	5	$5,100	
Concrete Masonry Unit	62%			LIFE	* *	5	$63,200	
Folding Partition	6%			2031	* *	5	$38,200	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$110,300	2028	* *	5	$29,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Gymnasium, Third Floor Corridor(s)								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Corridors, Throughout								
Exposed Concrete	40%			LIFE	* *	5	$12,400	
Plaster	30%			LIFE	* *	5	$37,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$219,900	5	$3,600	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$300	
Fused Knife Sw	5%	2-4	$11,200	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	75%			2022	$168,200	5	$2,700	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2023	$86,800	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$500	
Locally Mounted	50%	2-4	$57,600	2043	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$133,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	40%			2033	* *	10	$14,100	
Exit, Service	60%			2023	$23,600	1		
Exterior Lighting								
HID	100%			2033	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$123,400	1	$15,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$422,600	1-3	$25,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$45,200	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : School Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried Under Ground In School Yard								
Explanation : (2) 7500 Gallon Oil Tanks								
Conversion Equipment								
Steam Boiler	15%	Now	$42,600	2028	* *	1	$19,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Boiler Nearing Need To Be Retubed,1 Of 3 Defective Electric Burner Oil Heater,3 Of 3 Defective Header Valves								
Steam Boiler	85%			2028	* *	1	$122,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (3) #6 Oil Burning Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	5%	0-2	$50,900	2053	* *	4	$400	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective F And T Steam Traps								
Steam Piping/Pump	95%			2033	* *	4	$10,200	
Terminal Devices								
Air Handler	5%	Now	$39,300	2033	* *	1	$4,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Gymnaisium, Lunch Room And Auditorium, Defective Air Handling Unit Temperature Control Systems								
Air Handler	15%			2023	$118,000	1	$13,500	
Convector/Radiator	20%	Now	$275,700	2043	* *	1	$8,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Occupied Spaces, Defective Temperature Control System								
Convector/Radiator	60%			2028	* *	1	$28,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$180,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,400	
Exhaust Fans								
Interior	20%			2018	$32,300	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnaisium, Auditorium And Lunch Room								
Roof	80%	Now	$9,300	2018	$92,800	2	$2,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$45,300	4	$14,400	
Sanitary Piping								
Cast Iron	100%	2-4	$316,900	LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 135 - BX (J. H. S. 135 - BX)

Asset # : 400

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$8,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 136 - BK (J. H. S. 136 - BK)**
Address : **4004 4TH AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **BOE0441.000 / 1369**
Area Sq Ft : **112,000**
Date of Survey : **12-Oct-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **713** **Lot** : **20**

Agency's Number : **K136**
Yr Built/Renovated : **1901 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3010580**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$657,100	$408,700
Interior Architecture		$1,297,500
Electrical	$778,100	$2,276,900
Mechanical	$423,900	$1,212,900
Total	**$1,859,100**	**$5,196,100**
Importance Code A	$657,100	$438,100
Importance Code B	$1,202,000	$4,719,800
Importance Code C		$38,200
Total	**$1,859,100**	**$5,196,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,600	$15,500		
Interior Architecture	$27,500	$54,200		$17,500
Electrical	$11,300	$31,300	$3,400	$3,800
Mechanical	$24,600	$50,700	$30,400	$19,500
Total	**$110,000**	**$151,800**	**$33,800**	**$40,800**
Importance Code A	$58,900	$28,100	$12,300	$12,300
Importance Code B	$45,800	$123,600	$21,500	$28,500
Importance Code C	$5,300			
Total	**$110,000**	**$151,800**	**$33,800**	**$40,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$42,900	
Copper/Terne	2%			2058	* *	10	$2,600	
Masonry: Brick	70%			LIFE	* *	5	$38,400	
Masonry: Brick	10%	Now	$16,600	LIFE	* *	5	$5,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room B12								
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Stucco Cement	3%			2028	* *	5	$4,100	
Windows								
Aluminum	90%	Now	$616,300	2039	* *	5	$24,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%	Now	$40,800	LIFE	* *	5	$1,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Steel	5%			2031	* *	5	$34,000	
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$10,300	
Masonry: Brick	90%			LIFE	* *	5	$17,100	
Masonry: Limestone	3%			LIFE	* *	5	$700	
Roof								
Asphalt Shingle	50%	Now	$30,000	2032	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : 1901 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 401, 408, 454								
Copper/Terne	5%			2038	* *	10	$10,900	
IRMA/Protected Membrane	25%			2023	$217,600	10	$21,800	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over Gymnasium								
IRMA/Protected Membrane	15%			2023	$104,400	10	$13,100	
Modified Bitumen	5%			2023	$25,400	10	$4,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$9,300	
Terrazzo	5%			LIFE	* *	5	$7,300	
Vinyl Tile	75%			2023	$1,189,500	3	$69,900	
Wood	15%			2038	* *	5	$52,500	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$10,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,500	
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$38,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$46,600	
AcousTileSusp.Lay-In	5%			2028	* *	5	$9,300	
Exposed Concrete	10%			LIFE	* *	5	$2,900	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$69,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 401, 408, 454, Corridor Near Stair 4 On Fourth Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Ratings								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Rated At 400a								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$195,500	5	$2,900	
Raceway								
Conduit	80%			2023	$166,900	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Toggle Switch	50%	2-4	$89,700	2048	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2039	* *	5	$300	
Molded Case Bkrs	35%			2022	$62,800	5	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$238,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	70%			2021	$80,600	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : T-8 Lamps								
Fluorescent	88%			2023	$1,218,200	10	$100,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2023	$27,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$15,000	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$423,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$101,700	1	$12,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$348,000	2033	* *	1-3	$18,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$38,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Dual Fuel, But Gas Not Installed								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$123,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,500	2033	* *	4	$6,100	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Return Line Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Return Line Valve, Boiler Room								
Terminal Devices								
Air Handler	20%	Now	$2,700	2018	$134,400	1	$13,900	
Broken, Extent : Severe, Area Affected : 10%								
Location : Flexible Connections, Basement								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Bearing Of Ahu For Gymnasium Is Broken, Basement								
Convector/Radiator	80%			2021	$941,700	1	$32,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$153,700	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,500	
Exhaust Fans								
Interior	90%	Now	$2,500	2023	$124,000	2	$2,700	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Vibration Isolaters - Canvas								
Roof	10%	Now	$1,000	2023	$9,900	2	$300	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Motor Is Down, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$74,400	1		
Water Heater								
Gas Fired	100%			2021	$29,000	2	$1,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - BK (J. H. S. 136 - BK)

Asset # : 1369

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$72,800	1-2	$1,700	
Fire Pump								
Generic	100%			2019	$92,300	1	$23,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 136 - M**		
Address	**: 6 EDGECOMBE AVENUE @ W.135 ST.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M136**
Program / Asset #	**: BOE0082.000 / 1728**	**Yr Built/Renovated**	**: 1925 / 2013**
Area Sq Ft	**: 113,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 15-Jan-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 1960** **Lot : 1**	**BIN**	**: 1059460**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$125,300
Interior Architecture	$910,800	$253,000
Electrical	$1,294,300	$683,900
Mechanical	$1,026,300	$713,000
Total	**$3,231,400**	**$1,775,200**
Importance Code A		$167,400
Importance Code B	$3,231,400	$1,559,600
Importance Code C		$48,200
Total	**$3,231,400**	**$1,775,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,400			$600
Interior Architecture	$22,100	$4,700	$4,700	$38,800
Electrical	$1,300	$1,600	$2,600	$52,700
Mechanical	$64,100	$17,900	$28,600	$17,900
Total	**$100,900**	**$24,300**	**$35,900**	**$110,100**
Importance Code A	$25,800	$12,500	$12,500	$13,300
Importance Code B	$57,800	$11,800	$23,400	$96,700
Importance Code C	$17,200			
Total	**$100,900**	**$24,300**	**$35,900**	**$110,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$24,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$55,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$1,400	
Masonry: Marble	2%			LIFE	* *	5	$900	
Windows								
Aluminum	100%			2041	* *	5	$57,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	93%			LIFE	* *	5	$14,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2045	* *	5	$1,200	
Roof								
Modified Bitumen	95%			2035	* *	10	$69,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Spray-on Foam	5%	Now	$13,400	2035	* *	5	$2,400	
Blisters, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$4,900	LIFE	* *	5	$20,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$9,400	
Marble Panels	5%			LIFE	* *	5	$7,100	
Traffic Topping	5%	2-4	$46,700	2025	$116,700	5	$5,900	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vinyl Tile	50%	Now	$800,100	2035	* *	3	$35,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Cafeteria, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9x9 Units								
Vinyl Tile	20%	2-4	$64,000	2030	* *	3	$14,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	10%			2040	* *	5	$35,300	
Interior Walls								
Gypsum Board	5%			LIFE	* *	5	$6,400	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$45,000	
Plaster	5%	Now	$17,200	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 562								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 562								
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$9,400	
AcousTileSusp.Lay-In	5%			2030	* *	5	$9,400	
Exposed Concrete	15%			LIFE	* *	5	$4,400	
Plaster	75%			LIFE	* *	5	$88,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	80%			2024	$143,500	5	$2,400	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$113,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$20,100	10	$100	
Egress Lighting								
Emergency, Battery	5%			2030	* *	10	$1,500	
Emergency, Battery	45%			2020	$76,300	10	$13,700	
Exit, Service	5%			2030	* *	1		
Exit, Service	45%			2020	$15,300	1		
Exterior Lighting								
HID	100%			2020	$426,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,700	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$409,600			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$124,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$43,900	2035	* *	4	$6,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2020	$135,600	1	$15,600	
Convector/Radiator	50%			2023	$593,800	1	$20,300	
Fan Coil Unit/Heat	30%			2020	$564,800	1	$12,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2025	$29,000	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 1 Unit On Roof								
Window/Wall Unit	30%	Now	$7,800	2020	$77,500	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
No Component	65%							
Heat Rejection								
Remote Air Cond	5%			2025	$13,100	2	$4,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$54,300	LIFE	* *	2-5	$70,100	
Needs Cleaning, Extent : Moderate, Area Affected : 30%								
Location : Various Areas								
Exhaust Fans								
Interior	80%			2020	$111,200	2	$3,100	
Roof	20%	Now	$1,000	2025	$20,000	2	$600	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	Now	$1,500	2023	$75,100	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Main Shut Off Valves								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 136 - M

Asset # : 1728

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	$29,300	2025	$29,300	2	$1,500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%	Now	$39,000	2055	* *	4	$12,400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 2%								
Location : Chemical Lab Waste Line, Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$44,000	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 137 - Q**		
Address	: **109-15 98TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q137**
Program / Asset #	: **BOE1027.000 / 13469**	**Yr Built/Renovated**	: **2002 / 2015**
Area Sq Ft	: **181,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9172** **Lot** : **1**	**BIN**	: **4467457**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$236,100	$176,400
Interior Architecture	$650,400	$420,600
Electrical		$166,500
Mechanical	$108,300	$87,200
Total	**$994,800**	**$850,600**
Importance Code A	$236,100	$176,400
Importance Code B	$544,000	$528,100
Importance Code C	$214,800	$146,200
Total	**$994,800**	**$850,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$57,300	$16,200		
Interior Architecture	$86,100		$41,200	
Electrical	$54,100	$14,600	$16,600	$14,600
Mechanical	$186,300	$76,900	$130,700	$81,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$391,600**	**$115,600**	**$196,400**	**$103,800**
Importance Code A	$75,300	$34,100	$18,000	$18,000
Importance Code B	$277,300	$81,400	$171,000	$85,800
Importance Code C	$39,100		$7,500	
Total	**$391,600**	**$115,600**	**$196,400**	**$103,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$46,400	
Glass Block	5%			LIFE	* *	5	$11,600	
Masonry: Brick Cavity	70%			LIFE	* *	5	$259,900	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2052	* *	5-10	$63,800	
Windows								
Aluminum	100%			2048	* *	5	$32,300	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$124,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Panel	10%			2052	* *	5	$8,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$13,500	
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : Coping								
Roof								
Metal Panel	10%			2043	* *	10	$23,800	
Under Construction	90%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$147,700	
Ceramic Tile	5%			2039	* *	5	$16,900	
Quarry Tile	15%			2043	* *	5	$76,000	
Terrazzo	5%			LIFE	* *	5	$26,400	
Vinyl Tile	60%			2034	* *	3	$76,000	
Wood	5%	Now	$55,700	2054	* *	5	$15,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$14,900	
Concrete Masonry Unit	30%			LIFE	* *	5	$71,600	
Concrete Masonry Unit	5%	Now	$33,100	LIFE	* *	5	$6,000	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stair C								
Glass Block	5%			LIFE	* *	10	$6,000	
Gypsum Board	25%			LIFE	* *	5-10	$126,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,300	
Wood	5%			LIFE	* *	5	$119,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2039	* *	5	$105,500	
AcousTileSusp.Lay-In	40%			2039	* *	5	$135,100	
Exposed Concrete	10%			LIFE	* *	5-10	$42,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$33,800	
Gypsum Board	10%			LIFE	* *	5-10	$116,100	
Plaster	10%			LIFE	* *	5-10	$58,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 3000 Amps, 2500 Amps And 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$800	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	15%			2042	* *	5	$600	
Molded Case Bkrs	85%			2042	* *	5	$4,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	95%			2039	* *	5	$1,200	
Locally Mounted	5%	Now	$5,800	2046	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$55,800	
Generators								
Diesel	100%			2035	* *	1	$70,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 400 Kw								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$40,500	
Fuel Storage								
Day Tank	50%			2042	* *	5	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Gallons Capacity								
Main Tank	50%			2054	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$161,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2031	* *	10	$5,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Lobby								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$20,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Smoke Detectors, Horns, Manual Pull Stations And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$179,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$63,400	2046	* *	4	$8,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement A C Room								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement Room #c-001								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Air Handler	70%	Now	$34,300	2031	* *	1	$70,700	
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Control System Of Ahu, Fan Room								
Convector/Radiator	30%			2031	* *	1	$17,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$196,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement A C Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement A C Room								
Explanation : 2 Units								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	$17,700	2046	* *	4	$8,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement A C Room								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$15,400	2031	* *	1	$101,000	
Unbalanced System, Extent : Severe, Area Affected : 30%								
Location : Throughout All Floors								
Heat Rejection								
Water Cool Tower	100%			2027	* *	2	$182,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,200	
Exhaust Fans								
Roof	100%			2031	* *	2	$5,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 137 - Q

Asset # : 13469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$42,200	2	$2,600	
Sanitary Piping								
Cast Iron	100%	Now	$7,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 3%								
Location : North Side, 4th Floor Slop Sink								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$11,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$91,500	
Sprinkler								
Generic	100%			2046	* *	1-2	$50,800	
Fire Pump								
Generic	100%			2035	* *	1	$33,900	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 139 - BX**
Address : **345 BROOK AVENUE @E. 142 STREET**
Borough : **BRONX**
Agency's Number : **X139**
Program / Asset # : **BOE0276.000 / 404**
Yr Built/Renovated : **1957 / 1999**
Area Sq Ft : **137,000**
Project Type : **EDUCATION**
Date of Survey : **27-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2286** **Lot** : **36**
BIN : **2000391**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,752,300	$1,213,100
Interior Architecture	$1,403,000	$93,600
Electrical	$1,526,300	$794,000
Mechanical	$262,800	$328,000
Total	**$5,944,300**	**$2,428,700**
Importance Code A	$2,752,300	$1,234,100
Importance Code B	$3,192,100	$1,144,600
Importance Code C		$50,100
Total	**$5,944,300**	**$2,428,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,000	$1,700		
Interior Architecture	$32,000	$35,600	$5,500	
Electrical	$5,200	$44,900	$4,300	$3,900
Mechanical	$34,600	$77,900	$33,800	$21,000
Total	**$90,800**	**$160,100**	**$43,500**	**$24,800**
Importance Code A	$33,600	$16,600	$14,600	$14,600
Importance Code B	$57,200	$143,500	$29,000	$10,300
Importance Code C				
Total	**$90,800**	**$160,100**	**$43,500**	**$24,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$19,000	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Glazed Ceramic Panel	5%			LIFE	* *	5	$31,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$60,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal/Glass Curt Wall	45%	4+	$481,700	LIFE	* *	5	$113,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$2,221,700	2048	* *	5	$26,500	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$7,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$1,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	10%			2028	* *	5-10	$3,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	50%			2023	$488,600	10	$61,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
IRMA/Protected Membrane	50%	Now	$48,900	2023	$488,600			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Stage Right Traps								
Interior								
Floors								
Terrazzo	2%	Now	$10,200	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%			2018	$1,403,000	3	$61,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Size Tiles								
Vinyl Tile	20%			2028	* *	3	$16,500	
Wood	3%	Now	$21,800	2051	* *	5	$6,200	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,300	
Plaster	65%			LIFE	* *	5	$50,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$29,900	
AcousTileSusp.Lay-In	5%			2036	* *	5	$10,000	
Exposed Concrete	45%			LIFE	* *	5	$14,000	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Auditorium								
Plaster	35%			LIFE	* *	5	$43,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Ratings Not Available								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$219,900	5	$3,600	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	20%			2039	* *	5	$700	
Molded Case Bkrs	65%			2022	$145,700	5	$2,300	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$69,500	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	20%			2028	* *	10	$27,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	72%			2028	* *	10	$97,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$35,200	10	$100	
Incandescent	5%			2018	$81,600	2	$200	
Egress Lighting								
Emergency, Battery	50%			2018	$99,100	10	$17,700	
Exit, Service	50%			2018	$19,800	1		
Exterior Lighting								
HID	100%			2018	$517,400	10	$400	

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$425,700	1-3	$25,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$45,500	
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Boiler Room, Defective Combustion Air Damper								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 6500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$145,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 - #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$51,300	2033	* *	4	$7,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	25%	Now	$4,000	2023	$198,100	1	$20,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Ahu Heating Coil								
Convector/Radiator	75%			2028	* *	1	$35,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2018	$211,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,000	
Exhaust Fans								
Interior	20%			2023	$32,500	2	$900	
Roof	80%			2023	$93,500	2	$3,600	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

I. S. 139 - BX

Asset # : 404

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$34,200	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Risers Leading To Court Yard								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,100	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 141 - BX (J. H. S. 141 - BX)**		
Address	: **660 WEST 237 STREET @ INDEPENDENCE AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X141**
Program / Asset #	: **BOE0278.000 / 186**	**Yr Built/Renovated**	: **1957 / 2006**
Area Sq Ft	: **172,015**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **5918** **Lot** : **376**	**BIN**	: **2085870**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$370,300	$820,800
Interior Architecture	$1,579,000	$342,800
Electrical	$194,900	$1,356,800
Mechanical	$280,600	$88,700
Total	**$2,424,800**	**$2,609,000**
Importance Code A	$370,300	$820,800
Importance Code B	$2,054,600	$1,735,100
Importance Code C		$53,200
Total	**$2,424,800**	**$2,609,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,900	$27,500	$12,300	$20,000
Interior Architecture	$10,400	$17,300	$27,100	$3,500
Electrical	$24,700	$42,700	$23,600	$30,000
Mechanical	$44,700	$54,000	$71,000	$54,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$99,600**	**$145,400**	**$138,000**	**$111,400**
Importance Code A	$34,200	$45,800	$31,000	$38,200
Importance Code B	$65,500	$99,600	$86,900	$73,200
Importance Code C			$20,100	
Total	**$99,600**	**$145,400**	**$138,000**	**$111,400**

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	10%			2043	* *	10	$15,900	
Fiberglass Panel	5%			2032	* *	5	$31,800	
Glazed Ceramic Panel	2%			LIFE	* *	5	$15,900	
Masonry: Brick	30%			LIFE	* *	5	$50,800	
Masonry: Brick	25%			LIFE	* *	5	$42,300	
Metal Panel	20%			2043	* *	5-10	$232,900	
Metal Coiling Doors	5%			2028	* *	5	$26,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$16,500	
Windows								
Aluminum	60%			2045	* *	5	$39,900	
Aluminum	37%			2039	* *	5	$24,600	
Metal Louvers	3%			2032	* *	10	$12,500	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$5,000	
Glazed Ceramic Panel	15%			2043	* *	5-10	$7,600	
Masonry: Brick	30%			LIFE	* *	5	$1,400	
Masonry: Brick	20%			LIFE	* *	5	$1,000	
Metal Panel	20%			2043	* *	5	$3,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	65%			2023	$458,200	10	$100,000	
Copper/Terne	3%			2038	* *	10	$11,500	
Copper/Terne	3%			2051	* *	10	$11,500	
IRMA/Protected Membrane	25%	Now	$306,800	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : 1957 Wing Over Classrooms At Lower Side								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : 1957 Wing Over Classrooms At Lower Side								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Classrooms At Lower Side Of 1957 Wing								
Metal Panel	2%			2036	* *	10	$5,600	
Skylight, Metal/Glass	2%			2033	* *	10	$10,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,200	
Ceramic Tile	5%			2032	* *	5	$13,800	
Terrazzo	5%			LIFE	* *	5	$10,800	
Vinyl Tile	50%			2018	$1,174,400	3	$51,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1957 Wing								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2023	$234,900	3	$13,800	
Vinyl Tile	20%			2028	* *	3	$20,700	
Wood	5%			2051	* *	5	$25,900	

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$19,300	
Folding Partition	5%			2039	* *	5	$40,300	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$53,200	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	Now	$404,600	2043	* *	5	$31,300	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Gymnasium, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Corridors								
AcousTileSusp.Lay-In	20%			2036	* *	5	$50,000	
Exposed Concrete	20%			LIFE	* *	5	$7,800	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$9,400	
Plaster	35%			LIFE	* *	5	$54,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 6000 Amps, One 1600 Amps And 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$700	
Raceway								
Conduit	60%			2023	$173,400	1		
Conduit	40%			2049	* *	1		
Panelboards								
Fused Toggle Switch	1%	2-4	$2,500	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	30%			2045	* *	5	$1,400	
Molded Case Bkrs	69%			2022	$175,300	5	$3,100	
Wiring								
Braided Cloth	50%	2-4	$194,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2023	$39,000	1		
Thermoplastic	40%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2021	$80,600	5	$800	
Locally Mounted	30%			2040	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$52,900	
Generators								
Diesel	100%			2036	* *	1	$66,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Kva								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$38,300	
Fuel Storage								
Day Tank	50%			2045	* *	5	$17,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 160 Gals								
Main Tank	50%			2058	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$164,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2031	* *	10	$200	
Egress Lighting								
Emergency, Battery	30%			2023	$74,700	10	$13,400	
Emergency, Battery	20%			2031	* *	10	$8,900	
Exit, Service	50%			2023	$24,900	1		
Exterior Lighting								
HID	100%			2023	$649,700	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$19,300	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2028	* *	1-3	$74,200	

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : New Installation Is In Progress								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$182,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$128,900	2033	* *	4	$9,100	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats, Various								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various								
Terminal Devices								
Air Handler	50%			2028	* *	1	$57,100	
Convector/Radiator	50%			2028	* *	1	$29,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2028	* *	1	$34,200	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Window/Wall Unit	40%			2018	$151,800	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2043	* *	4	$3,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2028	* *	1	$45,700	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2028	* *	2	$51,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$102,900	
Exhaust Fans								
Interior	80%			2028	* *	2	$4,500	
Roof	20%			2023	$29,300	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 141 - BX (J. H. S. 141 - BX)

Asset # : 186

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$42,900	2	$2,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2028	* *	1	$11,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2049	* *	1-5	$37,200	
Sprinkler								
No Component	60%							
Generic	40%			2049	* *	1-2	$20,700	
Fire Pump								
Generic	100%			2032	* *	1	$34,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 142 - BX (J. H. S. 142 - BX)**		
Address	**: 3750 BAYCHESTER AVENUE @ CRAWFORD AVE.**		
Borough	**: BRONX**	**Agency's Number**	**: X142**
Program / Asset #	**: BOE0279.000 / 1095**	**Yr Built/Renovated**	**: 1958 / 2000**
Area Sq Ft	**: 137,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 04-Dec-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4935 Lot : 1**	**BIN**	**: 2066190**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$182,600	$232,300
Interior Architecture	$1,339,800	$609,300
Electrical	$872,100	$2,525,900
Mechanical	$498,900	$3,171,700
Total	**$2,893,400**	**$6,539,200**
Importance Code A	$224,600	$947,900
Importance Code B	$2,668,700	$5,591,400
Total	**$2,893,400**	**$6,539,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,300		$12,800	
Interior Architecture		$8,300	$11,600	$36,600
Electrical	$1,600	$2,000	$3,200	$27,000
Mechanical	$37,500	$25,700	$37,200	$79,000
Total	**$49,300**	**$35,900**	**$64,700**	**$142,600**
Importance Code A	$24,800	$14,600	$27,300	$14,600
Importance Code B	$24,500	$21,400	$37,300	$128,100
Importance Code C				
Total	**$49,300**	**$35,900**	**$64,700**	**$142,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$62,600	
Glazed Ceramic Panel	5%			LIFE	* *	5	$29,400	
Masonry: Brick Cavity	85%			LIFE	* *	5	$106,400	
Windows								
Aluminum	100%			2041	* *	5	$49,700	
Parapets								
Metal Rail	100%			2038	* *	5-10	$86,300	
Roof								
Built-Up (BUR)	85%			2030	* *	10	$130,200	
Copper/Terne	5%	Now	$10,300	2040	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Roll Roofing	10%			2024	$63,200	5	$25,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,100	
Ceramic Tile	3%			2034	* *	5	$6,600	
Quarry Tile	5%			2038	* *	5	$16,500	
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	30%			2025	$561,200	3	$24,800	
Vinyl Tile 9" X 9"	40%	Now	$969,400	2035	* *	3	$33,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2040	* *	5	$41,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	15%			LIFE	* *	5	$15,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$34,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2030	* *	5	$10,000	
AcousTile,Adhered	20%	Now	$370,400	2045	* *	5	$19,900	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	60%			LIFE	* *	5	$18,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$12,400	
Metal Panel	5%			LIFE	* *	5	$12,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$42,000	2055	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each. Obsolete Equipment On Extended Life								
Switchgear / Switchboard								
Fused Disc Sw	20%			2045	* *	5	$100	
Molded Case Bkrs	80%			2025	$175,900	5	$2,900	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$11,200	5	$200	
Molded Case Bkrs	85%			2024	$190,600	5	$3,100	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$312,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	95%			2023	$109,400	5	$900	
Locally Mounted	5%			2038	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$1,551,100	10	$128,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2020	$23,500	10	$100	
Incandescent	3%			2025	$49,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$99,100	10	$17,700	
Exit, Service	50%			2025	$19,800	1		
Exterior Lighting								
HID	100%			2020	$517,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station, Strobe Lights And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$362,000	5	$45,500	
Conversion Equipment								
Steam Boiler	100%			2023	$715,600	1	$145,600	
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 142 - BX (J. H. S. 142 - BX)

Asset # : 1095

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$51,300	2025	$1,026,300	4	$7,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump. Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%			2020	$317,000	1	$36,400	
Convector/Radiator	60%			2023	$833,000	1	$28,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$60,400	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,000	
Exhaust Fans								
Interior	40%			2025	$65,000	2	$1,800	
Roof	60%			2020	$70,100	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$87,800	1		
HW Heat Exchanger								
Low Temp	100%			2025	$45,600	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2025	$1,400	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$4,100	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 143 - BX (J. H. S. 143 - BX)**		
Address	: **120 WEST 231 STREET @ SEDGWICK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X143**
Program / Asset #	: **BOE0280.000 / 2606**	**Yr Built/Renovated**	: **1957 / 2007**
Area Sq Ft	: **132,406**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3253** **Lot** : **141**	**BIN**	: **2015547**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$621,300	$330,300
Interior Architecture	$878,100	$1,157,700
Electrical	$312,600	$2,802,800
Mechanical	$170,000	$951,900
Total	**$1,982,000**	**$5,242,700**
Importance Code A	$621,300	$974,800
Importance Code B	$1,360,700	$4,232,700
Importance Code C		$35,200
Total	**$1,982,000**	**$5,242,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,000			
Interior Architecture	$32,700			$19,800
Electrical	$24,700	$3,000	$3,000	$2,500
Mechanical	$19,100	$50,900	$36,200	$18,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$116,400**	**$58,900**	**$44,100**	**$45,700**
Importance Code A	$48,100	$13,400	$13,100	$13,100
Importance Code B	$68,300	$45,500	$31,000	$32,600
Importance Code C				
Total	**$116,400**	**$58,900**	**$44,100**	**$45,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$112,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	20%			LIFE	* *	5	$97,400	
Windows								
Aluminum	100%	Now	$356,700	2031	* *	5	$14,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	80%	Now	$30,300	LIFE	* *	5	$10,500	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	20%	Now	$4,700	LIFE	* *	5	$16,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	20%	Now	$120,500	2033	* *			
Vegetation Growth, Extent : Severe, Area Affected : 35%								
Location : Auditorium And Auditorium Lobby Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Auditorium Lobby Roof								
Built-Up (BUR)	20%			2023	$120,500	10	$26,300	
Built-Up (BUR)	53%			2028	* *	10	$69,700	
Copper/Terne	2%			2051	* *	10	$6,600	
Panel/Paver: Cer/Brk	5%	Now	$74,400	2053	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Main Entrance								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,400	
Ceramic Tile	5%	Now	$57,600	2032	* *	5	$5,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	20%	Now	$101,100	2018	$337,000	3	$14,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Fourth Floor 9 X 9 Tiles								
Vinyl Tile	60%	Now	$101,100	2023	$1,011,000	3	$44,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$32,700	2038	* *	5	$9,300	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$35,200	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$138,200	2028	* *	5	$24,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Main Entrance, Auditorium								
Exposed Concrete	20%			LIFE	* *	5	$6,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Plaster	55%	Now	$143,100	LIFE	* *	5	$68,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$600	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Knife Sw	5%	2-4	$11,200	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2031	* *	5	$300	
Molded Case Bkrs	85%			2022	$190,600	5	$3,000	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$80,600	5	$600	
Motor Control Center	30%			2021	$216,700	5	$1,100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$1,470,800	10	$121,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2023	$500,100	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$9,900	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$16,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$41,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2021	$644,600	1	$131,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$46,200	2033	* *	4	$6,500	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Boiler Room And Fan Room								
Explanation : Vacuum Pump And Steam Traps Faulty								
Terminal Devices								
Air Handler	25%			2023	$178,500	1	$20,500	
Convector/Radiator	75%			2028	* *	1	$32,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$81,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,800	
Exhaust Fans								
Interior	60%			2023	$87,800	2	$2,400	
Roof	40%	0-2	$42,100	2033	* *	2	$1,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	10%			2021	$2,100	4	$100	
No Component	90%							
HW Heat Exchanger								
Low Temp	100%			2023	$41,100	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - BX (J. H. S. 143 - BX)

Asset # : 2606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 143 - M**
Address : **511 WEST 182 STREET @AUDUBON AVE.**
Borough : **MANHATTAN**
Agency's Number : **M143**
Program / Asset # : **BOE0086.000 / 2635**
Yr Built/Renovated : **1965 / 2012**
Area Sq Ft : **151,000**
Project Type : **EDUCATION**
Date of Survey : **13-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2155** **Lot** : **35** **BIN** : **1063703**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$75,800	$259,400
Interior Architecture	$1,667,700	$463,000
Electrical	$193,100	$1,686,800
Mechanical	$159,200	$1,568,200
Total	**$2,095,800**	**$3,977,600**
Importance Code A	$75,800	$1,081,800
Importance Code B	$2,019,900	$2,840,700
Importance Code C		$55,100
Total	**$2,095,800**	**$3,977,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$28,600	$10,300
Interior Architecture	$20,900	$12,000	$27,700	
Electrical	$62,400	$5,500	$4,900	$5,800
Mechanical	$30,300	$22,700	$60,800	$22,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$117,500**	**$44,100**	**$126,100**	**$42,800**
Importance Code A	$15,600	$15,900	$44,800	$26,200
Importance Code B	$81,100	$28,200	$81,200	$16,600
Importance Code C	$20,900			
Total	**$117,500**	**$44,100**	**$126,100**	**$42,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$62,200	
Glazed Ceramic Panel	5%			LIFE	* *	5	$19,400	
Masonry: Brick	80%			LIFE	* *	5	$66,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$20,600	
Parapets								
Metal Panel	25%			2054	* *	5	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	25%			2044	* *	5-10	$23,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$38,500	
Roof								
Copper/Terne	5%			2039	* *	10	$12,800	
Modified Bitumen	90%			2034	* *	10	$92,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%	Now	$75,800	2034	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Over Fourth Floor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2033	* *	5	$12,000	
Granite Panels	5%			LIFE	* *	5	$9,000	
Terrazzo	5%			LIFE	* *	5	$9,400	
Vinyl Tile	20%			2024	$408,000	3	$18,000	
Vinyl Tile	55%			2019	$1,121,900	3	$49,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : 9 inch x 9 inch Units								
Wood	5%			2039	* *	5	$22,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$13,300	
Folding Partition	5%			2032	* *	5	$41,700	
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$55,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$545,700	2044	* *	5	$29,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Fourth Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	50%			LIFE	* *	5	$18,300	
Metal Panel	5%			LIFE	* *	5	$14,700	
Plaster	20%			LIFE	* *	5	$29,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$600	
Raceway								
Conduit	70%			2024	$173,200	1		
Conduit	30%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$11,200	5	$200	
Molded Case Bkrs	15%			2023	$33,600	5	$600	
Molded Case Bkrs	80%			2040	* *	5	$3,200	
Wiring								
Braided Cloth	10%	2-4	$34,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	90%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$800	
Locally Mounted	20%	Now	$23,000	2044	* *	5	$100	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$139,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2024	$25,600	10	$100	
Incandescent	3%			2019	$53,400	2	$100	
Egress Lighting								
Emergency, Battery	40%			2024	$86,500	10	$15,500	
Exit, Service	60%			2024	$25,900	1		
Exterior Lighting								
HID	100%			2024	$570,300	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$16,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$469,200	1-3	$27,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Alarm Bells, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$394,800	5	$49,700	
Conversion Equipment								
Steam Boiler	100%	Now	$15,600	2022	$780,300	1	$142,900	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Boiler Burners								
Explanation : 3 Units - Oil Leaks From Burners								
Distribution								
Steam Piping/Pump	100%	Now	$56,000	2034	* *	4	$7,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	25%	Now	$4,300	2024	$216,100	1	$22,300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Ahu								
Convector/Radiator	75%			2029	* *	1	$38,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M

Asset # : 2635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$65,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,400	
Exhaust Fans								
Interior	20%			2024	$35,400	2	$1,000	
Roof	80%	Now	$5,100	2024	$101,900	2	$3,100	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$37,300	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	96%							
Generic	4%			2034	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 143 - M MINISCHOOL**				
Address	: **511 WEST 182ND ST. @AUDUBON AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M143**	
Program / Asset #	: **BOE0086.010 / 4359**		**Yr Built/Renovated**	: **1970 /**	
Area Sq Ft	: **10,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Nov-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2155**	**Lot** : **35**	**BIN**	: **1063703**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$57,100	
Interior Architecture	$244,700	
Electrical	$37,800	$207,200
Mechanical		$54,800
Total	**$339,600**	**$262,000**
Importance Code A	$57,100	
Importance Code B	$282,500	$262,000
Total	**$339,600**	**$262,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,700			
Interior Architecture	$27,300			$1,800
Electrical	$200	$400	$1,600	$200
Mechanical	$2,200	$1,400	$1,400	$1,400
Total	**$53,500**	**$1,800**	**$3,000**	**$3,500**
Importance Code A	$23,700	$600		$600
Importance Code B	$29,800	$1,200	$3,000	$2,800
Importance Code C				
Total	**$53,500**	**$1,800**	**$3,000**	**$3,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$22,600	2034	* *	5	$29,400	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : At Corners								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2032	* *	5	$2,400	
Roof								
Metal Panel	100%			2029	* *	10	$57,100	
Interior								
Floors								
Mosaic Tile	3%	Now	$27,300	2044	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Main Entrance								
Vinyl Tile	97%	Now	$125,600	2034	* *	3	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Poor Subfloor Evident, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	$1,900	
Metal Panel	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$119,200	2044	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$48,900	5	$300	
Raceway								
Conduit	100%			2024	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2023	$22,400	5	$300	
Wiring								
Thermoplastic	100%			2024	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$113,000	10	$9,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$37,800	10		
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$31,100	1-3	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 143 - M MINISCHOOL

Asset # : 4359

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Pump	100%			2022	$15,400	2	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Terminal Devices								
Air Handler	100%			2024	$54,800	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	$5,500	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Interior	95%			2024	$10,700	2	$300	
Roof	5%			2024	$400	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2017	$1,600	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 144 - BX**
Address : **2545 GUNTHER AVENUE @ALLERTON AVENUE**
Borough : **BRONX** | **Agency's Number** : **X144**
Program / Asset # : **BOE0281.000 / 379** | **Yr Built/Renovated** : **1968 / 2011**
Area Sq Ft : **147,000** | **Project Type** : **EDUCATION**
Date of Survey : **11-Jan-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4493** **Lot** : **1** | **BIN** : **2053518**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$168,500	$578,200
Interior Architecture	$1,823,000	$89,300
Electrical	$1,324,600	$2,758,100
Mechanical	$96,200	$397,300
Total	**$3,412,300**	**$3,822,800**
Importance Code A	$168,500	$620,200
Importance Code B	$3,243,800	$3,149,000
Importance Code C		$53,600
Total	**$3,412,300**	**$3,822,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$37,700		
Interior Architecture	$8,400	$43,400		
Electrical	$3,500	$22,500	$4,200	$4,900
Mechanical	$64,200	$46,700	$37,300	$22,500
Total	**$76,000**	**$150,300**	**$41,600**	**$27,500**
Importance Code A	$15,500	$53,400	$15,500	$15,500
Importance Code B	$55,700	$96,900	$26,100	$12,000
Importance Code C	$4,900			
Total	**$76,000**	**$150,300**	**$41,600**	**$27,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%			LIFE	* *	5	$403,700	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$168,500	2039	* *	5	$10,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$104,500	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Rail	15%			2043	* *	5-10	$32,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	25%			2028	* *	10	$25,000	
Copper/Terne	3%			2063	* *	10	$7,500	
Copper/Terne	2%			2051	* *	10	$5,000	
Modified Bitumen	70%			2033	* *	10	$70,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2032	* *	5	$7,000	
Terrazzo	2%			LIFE	* *	5	$3,600	
Vinyl Tile	90%			2018	$1,787,300	3	$78,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	5%			2051	* *	5	$21,900	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$9,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$19,500	
Folding Partition	2%			2031	* *	5	$16,200	
Plaster	55%			LIFE	* *	5	$53,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$34,300	
AcousTileConcealSpLn	25%			2028	* *	5	$71,400	
Exposed Concrete	60%			LIFE	* *	5	$21,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$11,200	5	$200	
Molded Case Bkrs	90%			2022	$201,800	5	$3,500	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2023	$34,700	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2023	$1,664,000	10	$137,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2023	$34,700	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
Explanation : Compact Fluorescent Lighting Fixtures								
HID	1%			2023	$12,500	10	$100	
Incandescent	1%			2018	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2023	$105,200	10	$18,800	
Exit, Service	50%			2023	$21,000	1		
Exterior Lighting								
HID	100%			2018	$555,200	10	$500	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$16,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$456,800	2033	* *	1-3	$24,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$48,300	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$154,500	
Not Energy Efficient, Extent : Severe, Area Affected : 10%								
Location : No Hot Water Heater, Boiler In Operation All Summer								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$11,500	
Terminal Devices								
Air Handler	20%			2023	$168,300	1	$19,300	
Convector/Radiator	80%			2028	* *	1	$40,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$96,200	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,000	
Exhaust Fans								
Interior	20%			2023	$34,500	2	$1,000	
Roof	80%	Now	$29,800	2023	$99,200	2	$3,100	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 144 - BX

Asset # : 379

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$23,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$15,100	1	$9,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$91,100	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 145 - BX**
Address : **1000 TELLER AVENUE BTWN: EAST 164 ST., EAST 165 ST.**
Borough : **BRONX** | **Agency's Number** : **X145**
Program / Asset # : **BOE0282.000 / 380** | **Yr Built/Renovated** : **1965 / 2010**
Area Sq Ft : **155,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-Mar-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2424** **Lot** : **1** | **BIN** : **2097111**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,100	$267,100
Interior Architecture	$1,544,800	$161,600
Electrical	$343,500	$4,131,900
Mechanical	$80,800	$562,200
Total	**$2,043,200**	**$5,122,700**
Importance Code A	$114,100	$309,100
Importance Code B	$1,709,500	$4,772,500
Importance Code C	$219,500	$41,100
Total	**$2,043,200**	**$5,122,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,900	$10,300		
Interior Architecture	$129,100		$23,100	$25,900
Electrical	$4,200	$1,700	$2,300	$3,800
Mechanical	$24,200	$33,700	$41,400	$41,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$191,300**	**$49,600**	**$70,700**	**$75,000**
Importance Code A	$29,900	$26,600	$16,300	$16,300
Importance Code B	$151,200	$23,100	$54,400	$58,700
Importance Code C	$10,300			
Total	**$191,300**	**$49,600**	**$70,700**	**$75,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	2-4	$9,600	LIFE	* *	5	$42,600	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Overhangs								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Underside Of Overhangs At Roof								
Masonry: Brick	87%			LIFE	* *	5	$148,100	
Metal Panel	3%			2046	* *	5-10	$17,600	
Windows								
Aluminum	97%			2048	* *	5	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Of All Windows								
Explanation : Protective Metal Grills								
Metal Louvers	3%			2035	* *	10	$4,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$17,800	
Masonry: Brick	10%			LIFE	* *	5-10	$8,600	
Metal: Cage/Fence	85%			2031	* *	5-10	$82,600	
Roof								
Built-Up (BUR)	97%			2031	* *	10	$102,200	
Copper/Terne	3%			2041	* *	10	$7,900	
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$7,400	
Terrazzo	15%			LIFE	* *	5	$57,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%	Now	$31,400	2031	* *	3	$27,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridorsat Baseboard, Auditorium And Throughout								
Vinyl Tile 9" X 9"	42%	Now	$1,139,300	2036	* *	3	$38,800	
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2054	* *	5	$46,200	
Interior Walls								
Concrete Masonry Unit	10%	Now	$38,000	LIFE	* *	5	$13,700	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Masonry: Brick	10%			LIFE	* *	10	$10,300	
Plaster	40%			LIFE	* *	5-10	$116,500	
SGFT/Glazed Masonry	40%	Now	$106,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 6/7								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	2-4	$22,400	2031	* *	5	$24,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Gymasium And Auditorium								
AcousTileConcealSpLn	10%	2-4	$9,700	2039	* *	5	$15,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Concrete	10%			LIFE	* *	5-10	$30,100	
Metal Panel	20%	Now	$80,500	LIFE	* *	5	$60,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Underside Of Stair Pan								
Plaster	40%			LIFE	* *	5-10	$165,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps & One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$700	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$400	
Molded Case Bkrs	90%			2025	$201,800	5	$3,700	
Wiring								
Braided Cloth	65%	0-2	$225,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Thermoplastic	30%			2026	$104,200	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2021	$1,425,600	10	$117,700	
Other Observation, Extent : Moderate, Area Affected : 77%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2034	* *	10	$15,100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Hallway And Boiler Room								
Explanation : Using T-8 Lamps								
HID	2%			2021	$26,300	10	$100	
Incandescent	10%			2021	$182,800	2	$400	
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$19,900	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$17,400	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$1,605,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$51,000	
Conversion Equipment								
Steam Boiler	100%	Now	$40,000	2031	* *	1	$146,600	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : #2 Boiler								
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : #3 Boiler								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Room								
Explanation : 3- Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$8,100	
Terminal Devices								
Air Handler	20%			2026	$177,400	1	$20,400	
Convector/Radiator	80%			2031	* *	1	$42,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - BX

Asset # : 380

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2024	$202,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$145,300	
Exhaust Fans								
Interior	20%			2026	$36,400	2	$1,000	
Roof	80%			2026	$104,600	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galv Iron/Steel	50%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$16,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$10,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$6,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 145 - Q**		
Address	**: 33-34 80 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q145**
Program / Asset #	**: BOE0792.000 / 1545**	**Yr Built/Renovated**	**: 1954 / 2008**
Area Sq Ft	**: 200,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 26-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 1252** **Lot : 1**	**BIN**	**: 4442764**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$877,200	$173,700
Interior Architecture	$1,318,000	$173,600
Electrical	$1,008,800	$1,046,700
Mechanical	$94,000	$1,290,300
Total	**$3,298,000**	**$2,684,200**
Importance Code A	$877,200	$173,700
Importance Code B	$2,420,800	$2,452,100
Importance Code C		$58,500
Total	**$3,298,000**	**$2,684,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,200		$3,800	$19,500
Interior Architecture	$34,600	$8,000	$10,000	$20,100
Electrical	$66,000	$21,900	$23,700	$19,500
Mechanical	$40,300	$52,700	$81,000	$50,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$170,000**	**$90,600**	**$126,400**	**$117,600**
Importance Code A	$42,400	$21,300	$25,500	$40,700
Importance Code B	$127,500	$69,300	$100,900	$76,800
Importance Code C				
Total	**$170,000**	**$90,600**	**$126,400**	**$117,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%	Now	$331,000	LIFE	* *	5	$54,800	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : 1995 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria								
Weepholes Not Funct, Extent : Moderate, Area Affected : 50%								
Location : 1995 Wing								
Masonry: Brick	15%	Now	$165,500	LIFE	* *	5	$27,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Wall Facing Cafeteria Roof								
Masonry: Brick	50%			LIFE	* *	5	$91,400	
Masonry: Limestone	5%	Now	$99,900	LIFE	* *	5	$6,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Window Sills Of 1954 Wing								
Windows								
Aluminum	28%			2040	* *	5	$20,300	
Aluminum	70%			2046	* *	5	$50,800	
Metal Louvers	2%			2033	* *	10	$9,100	
Parapets								
Masonry: Brick	20%	Now	$16,100	LIFE	* *	5	$1,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : 1995 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1995 Wing								
Masonry: Brick	60%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Rail	5%			2037	* *	5-10	$6,300	
Metal Rail	5%			2029	* *	5-10	$6,300	
Pre-Cast Concrete	5%	Now	$1,200	LIFE	* *	5	$2,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping Of 1995 Wing								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping Of 1995 Wing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	55%			2029	* *	10	$123,000	
IRMA/Protected Membrane	10%	Now	$44,600	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Cafeteria								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria								
IRMA/Protected Membrane	30%			2029	* *	10	$67,100	
Roll Roofing	5%			2020	$46,200	5	$18,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,100	
Ceramic Tile	5%			2033	* *	5	$16,100	
Terrazzo	5%			LIFE	* *	5	$12,500	
Vinyl Tile	50%			2029	* *	3	$80,300	
Vinyl Tile	25%			2019	$682,700	3	$30,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1954 Wing								
Explanation : 9 inch X 9 inch Units								
Wood	10%	Now	$211,900	2039	* *	5	$30,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,000	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$58,500	
SGFT/Glazed Masonry	20%			LIFE	* *			
SGFT/Glazed Masonry	15%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$29,100	
AcousTileSusp.Lay-In	30%	2-4	$423,400	2037	* *	5	$43,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Exposed Concrete	33%			LIFE	* *	5	$15,000	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$36,300	
Plaster	15%			LIFE	* *	5	$27,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 3000 Amperes And 1200 Amperes								
Transformers								
Dry Type	100%			2029	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Kva, 480/277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$900	
Raceway								
Conduit	65%			2024	$187,900	1		
Conduit	35%			2034	* *	1		
Panelboards								
Fused Toggle Switch	15%	2-4	$38,100	2049	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Molded Case Bkrs	50%			2023	$127,100	5	$2,600	
Molded Case Bkrs	35%			2032	* *	5	$1,800	
Wiring								
Braided Cloth	65%	2-4	$253,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Section Of The Building								
Thermoplastic	35%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$700	
Locally Mounted	10%	2-4	$11,500	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	15%			2029	* *	5	$200	
Motor Control Center	25%			2029	* *	5	$1,400	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$61,500	
Generators								
Diesel	100%			2027	* *	1	$77,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Rated @ 250 Kva								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$44,600	
Fuel Storage								
Day Tank	50%			2032	* *	5	$19,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Available Capacity Rating								
Main Tank	50%			2039	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Available Capacity Rating								
Lighting								
Interior Lighting								
Fluorescent	78%			2029	* *	10	$153,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2019	$476,700	10	$39,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2019	$47,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$52,800	1		
Exit, Service	50%			2024	$28,900	1		
Exterior Lighting								
HID	100%			2029	* *	10	$600	
Alarm								

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$621,400	1-3	$37,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$66,500	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$212,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : #2 Burner								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 3 Units And 2 Heat Exchangers In Penthouse For Hot Water Devices								
Distribution								
Hot Wtr Piping/Pump	30%			2032	* *	4	$3,200	
Steam Piping/Pump	70%			2034	* *	4	$11,100	
Terminal Devices								
Air Handler	20%			2024	$231,400	1	$26,500	
Convector/Radiator	60%			2029	* *	1	$41,600	
Fan Coil Unit/Heat	20%			2024	$642,600	1	$13,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2024	$218,500	1	$29,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Machinery Room								
Window/Wall Unit	10%			2019	$44,100	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2034	* *	4	$4,800	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

I. S. 145 - Q

Asset # : 1545

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2029	* *	1	$39,800	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2024	$51,400	2	$44,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$59,800	
No Component	50%							
Exhaust Fans								
Interior	30%			2024	$71,200	2	$2,000	
Roof	20%	Now	$1,700	2024	$34,100	2	$1,100	
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Roof								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$49,900	2	$3,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$13,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1-2-3								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$75,200	1-2	$1,800	
Chemical System								
No Component	98%							
Generic	2%			2019	$500	1-3	$1,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 151 - BX / P. S. 31 - BX**				
Address	: **250 EAST 156 STREET BTWN: CONCOURSE VILLAGE W. & E.**				
Borough	: **BRONX**			**Agency's Number**	: **X151**
Program / Asset #	: **BOE0288.000 / 386**			**Yr Built/Renovated**	: **1971 / 2014**
Area Sq Ft	: **171,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2443**	**Lot**	: **190**	**BIN**	: **2002458**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$412,900	$710,200
Interior Architecture	$345,600	$4,104,000
Electrical	$158,200	$3,711,300
Mechanical	$45,000	$1,543,000
Total	**$961,600**	**$10,068,500**
Importance Code A	$412,900	$1,543,000
Importance Code B	$387,200	$8,463,100
Importance Code C	$161,600	$62,400
Total	**$961,600**	**$10,068,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,700	$11,700	$22,800	
Interior Architecture	$118,800		$6,600	$32,300
Electrical	$27,100	$1,900	$3,200	$3,900
Mechanical	$59,900	$24,600	$22,300	$24,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$218,400**	**$42,200**	**$58,900**	**$64,800**
Importance Code A	$8,700	$28,500	$22,800	$16,800
Importance Code B	$188,900	$13,600	$36,100	$47,900
Importance Code C	$20,800			
Total	**$218,400**	**$42,200**	**$58,900**	**$64,800**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%	Now	$352,200	LIFE	* *	5	$93,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$23,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5-10	$71,100	
Metal Rail	15%			2039	* *	5-10	$37,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$17,400	
Roof								
Built-Up (BUR)	95%			2026	$505,800	10	$110,400	
Copper/Terne	5%			2041	* *	10	$14,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$118,900	
Ceramic Tile	5%			2035	* *	5	$13,600	
Slate	5%			LIFE	* *	5	$28,900	
Vinyl Tile 9" X 9"	75%			2021	$2,244,500	3	$101,900	
Wood	5%			2041	* *	5	$25,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$30,200	
Masonry: Brick	5%			LIFE	* *	10	$5,700	
Operable Wall	5%			2046	* *	5	$66,100	
Plaster	55%			LIFE	* *	5-10	$176,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$47,200	
Ceilings								
AcousTileConcealSpLn	75%			2024	$1,613,100	5	$249,300	
AcousTileSusp.Lay-In	5%			2039	* *	5	$13,300	
Exposed Concrete	10%			LIFE	* *	5-10	$33,200	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Basement Corridor Near Electrical Room								
Plaster	10%			LIFE	* *	5-10	$45,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2026	$8,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	40%			2026	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2026	$8,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Transformers								
Dry Type	25%			2039	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva 480pri-208/120sec								
Dry Type	25%			2024	$4,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva 480pri-208/120sec								
Dry Type	25%			2024	$4,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 30 Kva 480pri-208/120sec								
Dry Type	25%			2024	$4,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 Kva 480pri-208/120sec								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$195,500	5	$600	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$260,100	1		
Conduit	10%			2046	* *	1		
Panelboards								
Molded Case Bkrs	90%			2025	$228,700	5	$4,100	
Molded Case Bkrs	10%			2042	* *	5	$500	
Wiring								
Thermoplastic	90%			2026	$350,900	1		
Thermoplastic	10%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2024	$92,100	5	$900	
Motor Control Center	20%			2039	* *	5	$900	
Ground								
Grounding Devices								
Generic	60%			LIFE	* *	5	$3,000	
Generic	40%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2021	$1,915,500	10	$158,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2021	$29,000	10	$100	
Incandescent	3%			2021	$60,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$122,400	10	$21,900	
Exit, Service	50%			2021	$24,500	1		
Exterior Lighting								
HID	70%			2021	$452,100	10	$400	
HID	30%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$19,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Camera System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Radiant Heater	100%			2026	$799,200	2	$84,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : About 200 Units								
Terminal Devices								
Air Handler	25%			2026	$244,700	1	$28,100	
Induction Unit	75%			2029	* *	1	$44,000	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 151 - BX / P. S. 31 - BX

Asset # : 386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$29,900	2021	$298,500	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Various Areas								
Explanation : Aging Units								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,300	
Exhaust Fans								
Interior	20%			2026	$40,100	2	$1,100	
Roof	80%	Now	$5,800	2026	$115,400	2	$3,600	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%	Now	$2,800	2021	$28,100	4	$1,100	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Unit Not Working. In The 2nd Floor Mech. Room.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 155 - BX**		
Address	: **470 JACKSON AVENUE @ E. 147TH STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X155**
Program / Asset #	: **BOE0292.000 / 1190**	**Yr Built/Renovated**	: **1967 / 2000**
Area Sq Ft	: **168,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2578** **Lot** : **27**	**BIN**	: **2003910**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,100	$1,259,700
Interior Architecture	$2,309,300	$61,300
Electrical	$1,002,500	$1,030,400
Mechanical	$319,800	$2,401,200
Total	**$3,676,700**	**$4,752,600**
Importance Code A	$88,500	$2,126,500
Importance Code B	$3,588,200	$2,564,800
Importance Code C		$61,300
Total	**$3,676,700**	**$4,752,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,100	$10,200	
Interior Architecture	$6,700	$55,000		
Electrical	$16,600	$52,300	$6,300	$5,200
Mechanical	$51,700	$53,300	$40,000	$25,700
Total	**$74,900**	**$167,800**	**$56,500**	**$30,900**
Importance Code A	$16,800	$25,200	$27,900	$17,700
Importance Code B	$58,200	$133,300	$28,600	$13,300
Importance Code C		$9,300		
Total	**$74,900**	**$167,800**	**$56,500**	**$30,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$20,500	
Masonry: Brick	55%			LIFE	* *	5	$45,200	
Metal/Glass Curt Wall	40%			LIFE	* *	5	$61,600	
Windows								
Aluminum	5%	0-2	$45,100	2048	* *	5	$500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Aluminum	95%			2039	* *	5	$20,500	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$13,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Security Bars	15%			2038	* *			
Roof								
Built-Up (BUR)	5%			2028	* *	10	$7,100	
IRMA/Protected Membrane	90%			2023	$1,024,500	10	$128,500	
Metal Panel	5%			2036	* *	10	$13,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,200	
Ceramic Tile	5%			2032	* *	5	$13,300	
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	75%			2018	$1,702,200	3	$75,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	5%			2033	* *	3	$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Wood	5%			2038	* *	5	$25,000	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$18,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,400	
Folding Partition	5%			2031	* *	5	$46,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$61,300	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$607,200	2043	* *	5	$32,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Basement, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement , Corridors								
AcousTileSusp.Lay-In	5%			2043	* *	5	$13,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Exposed Concrete	65%			LIFE	* *	5	$26,500	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	80%			2023	$198,000	1		
Conduit	20%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$38,100	5	$600	
Molded Case Bkrs	73%			2022	$185,500	5	$3,200	
Molded Case Bkrs	10%			2031	* *	5	$400	
Molded Case Bkrs	2%			2045	* *	5	$100	
Wiring								
Thermoplastic	75%			2023	$260,500	1		
Thermoplastic	20%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	75%			2021	$86,300	5	$800	
Locally Mounted	25%			2028	* *	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	89%			2028	* *	10	$145,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2033	* *	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps, Recently Installed								
HID	3%			2018	$42,700	10	$200	
Incandescent	3%			2018	$59,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$120,300	10	$21,500	
Exit, Service	50%			2018	$24,100	1		
Exterior Lighting								
HID	100%			2018	$634,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,800	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2028	* *	1-3	$36,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$55,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 15,000 Gallon Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	95%			2021	$824,700	1	$167,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 #6 Oil Burning Steam Boilers								
Steam Boiler	5%	Now	$43,400	2043	* *	1	$7,900	
Damaged, Extent : Moderate, Area Affected : 35%								
Location : Damaged Refractory On Boiler #1, Boiler #1 Nearing Limit For Plugged Tubes, 12 Plugged Tubes								
Insul. Deteriorating, Extent : Moderate, Area Affected : 35%								
Location : Boiler #1								
Distribution								
Steam Piping/Pump	100%	Now	$124,500	2023	$1,245,200	4	$8,800	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : Vacuum Pump Not Functioning Properly								
Terminal Devices								
Air Handler	20%	Now	$38,500	2023	$192,300	1	$19,900	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Controls, Throughout								
Convector/Radiator	80%			2028	* *	1	$46,100	
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,400	
Exhaust Fans								
Interior	20%			2023	$39,400	2	$1,100	
Roof	80%			2018	$113,400	2	$4,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$26,600	2033	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Main Water Valves, Meter Room, Basement								
HW Heat Exchanger								
Low Temp	100%	Now	$2,800	2023	$55,300	4	$17,600	
Not Insulated, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 155 - BX

Asset # : 1190

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$5,000	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 158 - BX**				
Address	: **800 HOME STREET BTWN: TINTON AVE., UNION AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X158**
Program / Asset #	: **BOE0295.000 / 390**			**Yr Built/Renovated**	: **1974 / 2010**
Area Sq Ft	: **187,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2671**	**Lot**	: **11**	**BIN**	: **2004868**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$422,100	$1,058,500
Interior Architecture	$1,356,600	$1,981,900
Electrical	$152,900	$4,007,400
Mechanical	$202,100	$1,560,500
Total	**$2,133,700**	**$8,608,300**
Importance Code A	$422,100	$1,100,500
Importance Code B	$1,384,700	$7,439,600
Importance Code C	$326,900	$68,200
Total	**$2,133,700**	**$8,608,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,400	$12,500		
Interior Architecture	$118,600		$27,900	$29,700
Electrical	$12,300	$2,400	$4,500	$3,700
Mechanical	$70,200	$61,800	$54,900	$54,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$238,500**	**$80,600**	**$91,100**	**$92,000**
Importance Code A	$53,100	$32,200	$19,700	$19,700
Importance Code B	$168,900	$48,500	$71,500	$72,300
Importance Code C	$16,500			
Total	**$238,500**	**$80,600**	**$91,100**	**$92,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	* *	5	$30,800	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Mechanical Penthouse								
Masonry: Brick	78%	Now	$241,800	LIFE	* *	5	$80,100	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Metal Panel	5%			2046	* *	5-10	$35,300	
Mosaic Tile	2%			2046	* *	10	$6,400	
Windows								
Aluminum	98%			2048	* *	5	$25,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%	Now	$6,100	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$98,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$9,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$96,300	2026	$963,000			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Around Exits 2 And 3								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exits 2 And 3								
Metal Panel	5%	Now	$7,200	2039	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Over Exit 7								
Deformed/Dented, Extent : Severe, Area Affected : 15%								
Location : Over Exit 7								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exit 7								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$65,000	
Ceramic Tile	3%	Now	$17,300	2035	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$9,300	
Vinyl Tile	70%	Now	$353,700	2026	$1,768,400	3	$78,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	10%	Now	$252,600	2036	* *	3	$11,100	
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout Auditorium								
Wood	10%			2054	* *	5	$55,700	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$33,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Walls								
Masonry: Brick	10%	Now	$80,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room C-2 In Basement								
Plaster	55%			LIFE	* *	5-10	$193,200	
SGFT/Glazed Masonry	5%	Now	$80,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit C Landing On Fourth Floor								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Exit C Landing On Fourth Floor								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$41,300	
Ceilings								
AcousTileConcealSpLn	55%	Now	$129,400	2039	* *	5	$99,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
AcousTileConcealSpLn	25%	Now	$294,000	2046	* *	5	$45,400	
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Throughout Auditorium, Cafeteria And Gym								
AcousTileSusp.Lay-In	5%			2031	* *	5	$14,500	
Exposed Concrete	10%			LIFE	* *	5-10	$36,300	
Plaster	5%			LIFE	* *	5-10	$25,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2026	$10,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	75%			2026	$31,500	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : 3- Main Service Switches No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$244,400	5	$800	
Raceway								
Conduit	95%			2026	$274,600	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	65%			2025	$165,200	5	$3,200	
Molded Case Bkrs	30%			2034	* *	5	$1,500	
Wiring								
Thermoplastic	90%			2026	$350,900	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$600	
Locally Mounted	25%			2043	* *	5	$300	
Motor Control Center	25%			2024	$180,600	5	$1,300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	84%			2021	$1,852,100	10	$152,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2034	* *	10	$9,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fluorescent	8%			2031	* *	10	$14,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2021	$31,700	10	$100	
Incandescent	1%			2021	$22,000	2		
Egress Lighting								
Emergency, Battery	50%			2026	$133,900	10	$24,000	
Exit, Service	50%			2026	$26,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2021	$706,200	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2029	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$21,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$61,500	
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$196,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3- Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$9,800	
Terminal Devices								
Air Handler	30%			2026	$321,100	1	$36,800	
Convector/Radiator	65%			2031	* *	1	$41,700	
Fan Coil Unit/Heat	5%			2026	$148,600	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%	0-2	$202,100	2036	* *	1	$24,900	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Chiller, Penthouse								
On Extended Life, Extent : Severe, Area Affected : 30%								
Location : Chiller, Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	40%			2021	$163,200	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2036	* *	4	$2,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2026	$329,900	1	$36,800	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2026	$249,000	2	$41,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$34,300	LIFE	* *	2-5	$110,700	
Unbalanced System, Extent : Moderate, Area Affected : 10%								
Location : Rooms 405, 407, 409, 411, 413								
Exhaust Fans								
Interior	30%			2026	$65,800	2	$1,800	
Roof	70%			2026	$110,500	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Oil Fired	100%			2025	$61,600	1	$5,800	
HW Heat Exchanger								
Low Temp	100%			2026	$61,600	4	$29,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 158 - BX

Asset # : 390

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$100,100	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 162 - BK (J. H. S. 162 - BK)**				
Address	: **1390 WILLOUGHBY AVENUE @ST. NICHOLAS AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K162**	
Program / Asset #	: **BOE0462.000 / 1331**		**Yr Built/Renovated**	: **1909 / 2008**	
Area Sq Ft	: **74,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Sep-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**				
Block	: **3212**	**Lot** : **1**	**BIN**	: **3073018**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,300	$36,400
Interior Architecture	$233,700	$69,200
Electrical	$1,113,700	$571,500
Mechanical		$800,400
Total	**$1,401,800**	**$1,477,500**
Importance Code A	$54,300	$73,400
Importance Code B	$1,270,900	$1,404,100
Importance Code C	$76,500	
Total	**$1,401,800**	**$1,477,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$18,700
Interior Architecture	$11,200	$5,200	$2,300	$11,200
Electrical	$1,100	$1,700	$29,400	$2,900
Mechanical	$31,600	$13,300	$80,000	$11,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$48,900**	**$25,100**	**$116,700**	**$49,300**
Importance Code A	$8,200	$8,200	$8,300	$26,900
Importance Code B	$40,700	$14,800	$108,400	$22,400
Importance Code C		$2,100		
Total	**$48,900**	**$25,100**	**$116,700**	**$49,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	3%			2044	* *	10	$2,800	
Masonry: Brick	90%			LIFE	* *	5	$36,400	
Masonry: Limestone	7%			LIFE	* *	5	$2,100	
Windows								
Aluminum	100%			2040	* *	5	$37,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,100	
Masonry: Brick	90%			LIFE	* *	5	$9,400	
Roof								
Copper/Terne	3%			2052	* *	10	$3,600	
Modified Bitumen	97%	Now	$54,300	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Exhaust Fans								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,500	
Ceramic Tile	5%			2033	* *	5	$6,200	
Marble Panels	2%			LIFE	* *	5	$1,800	
Vinyl Tile	73%			2029	* *	3	$45,000	
Vinyl Tile	15%			2019	$157,200	3	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$4,200	
Masonry: Brick	7%	Now	$76,500	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$29,400	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Plaster	90%			LIFE	* *	5	$69,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$300	
Locally Mounted	30%			2037	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	97%			2019	$887,200	10	$73,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	3%			2019	$27,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$55,500	10	$9,900	
Exit, Service	50%			2024	$11,100	1		
Exterior Lighting								
HID	100%			2024	$279,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	2-4	$153,300	2034	* *	1-3	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$81,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,100	
Terminal Devices								
Convector/Radiator	95%			2022	$738,900	1	$25,300	
Unit Heater-Stm/HW	5%			2024	$26,600	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$25,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,900	
Exhaust Fans								
Interior	20%	Now	$900	2019	$18,200	2	$400	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Roof	10%			2019	$6,500	2	$300	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2034	* *	1		
Galv Iron/Steel	25%			2022	$61,500	1		
Water Heater								
Gas Fired	100%			2017	$19,200	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BK (J. H. S. 162 - BK)

Asset # : 1331

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$28,800	1-2	$700	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 162 - BX**
Address : **600 SAINT ANN'S AVENUE @E. 149 STREET**
Borough : **BRONX**
Agency's Number : **X162**
Program / Asset # : **BOE0298.000 / 179**
Yr Built/Renovated : **1971 / 2000**
Area Sq Ft : **176,000**
Project Type : **EDUCATION**
Date of Survey : **11-Oct-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2616** **Lot** : **1**
BIN : **2004314**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$116,700	$333,800
Interior Architecture	$2,193,000	$352,000
Electrical	$263,600	$1,606,600
Mechanical	$38,400	$1,370,600
Total	**$2,611,700**	**$3,663,100**
Importance Code A	$116,700	$1,264,300
Importance Code B	$2,258,500	$2,334,600
Importance Code C	$236,500	$64,200
Total	**$2,611,700**	**$3,663,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$9,100	$12,000	
Interior Architecture	$42,200		$700	$23,800
Electrical	$4,800	$26,600	$4,400	$3,000
Mechanical	$63,600	$54,900	$42,500	$26,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$114,600**	**$94,500**	**$63,600**	**$56,700**
Importance Code A	$18,500	$27,900	$30,500	$18,500
Importance Code B	$78,800	$66,600	$33,000	$38,200
Importance Code C	$17,300			
Total	**$114,600**	**$94,500**	**$63,600**	**$56,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$116,700	LIFE	* *	5	$77,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$33,200	
Pre-Cast Concrete	15%			LIFE	* *	5	$47,100	
Windows								
Aluminum	100%			2039	* *	5	$24,100	
Parapets								
Pre-Cast Concrete	100%			LIFE	* *	5	$89,700	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$119,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$61,200	
Ceramic Tile	5%			2032	* *	5	$14,000	
Terrazzo	5%			LIFE	* *	5	$10,900	
Vinyl Tile	68%	Now	$161,700	2018	$1,616,800	3	$71,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	2%			2031	* *	3	$2,100	
Wood	10%			2051	* *	5	$52,400	
Interior Walls								
Concrete Masonry Unit	10%	Now	$17,300	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	55%	Now	$85,800	LIFE	* *	5	$64,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	2-4	$150,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%	Now	$178,100	2036	* *	5	$47,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	45%			LIFE	* *	5	$19,200	
Fiber Board	10%			2023	$178,700			
Plaster	10%	Now	$18,000	LIFE	* *	5	$17,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$171,000	5	$500	
Fused Disc Sw	30%			2043	* *	5	$200	
Raceway								
Conduit	90%			2023	$260,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$25,400	5	$400	
Molded Case Bkrs	70%			2022	$177,900	5	$3,200	
Molded Case Bkrs	20%			2039	* *	5	$900	
Wiring								
Thermoplastic	80%			2023	$311,900	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	95%	2-4	$109,400	2043	* *	5	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 70%								
Location : Mech Room								
Locally Mounted	5%			2040	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$154,200	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout* *Explanation : Using T-8 Lamps*								
HID	5%			2028	* *	10	$300	
Incandescent	5%			2028	* *	2	$200	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$22,500	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$664,700	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$32,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$57,900	
Other Observation, Extent : Light, Area Affected : 100% *Location : Basement* *Explanation : 2 Tanks Of 10,000 Gals Each*								
Conversion Equipment								
Steam Boiler	100%			2021	$909,500	1	$185,000	
Other Observation, Extent : Light, Area Affected : 100% *Location : Boiler Room* *Explanation : 3 Units*								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$13,800	
Terminal Devices								
Air Handler	25%			2023	$251,800	1	$28,900	
Convector/Radiator	75%			2036	* *	1	$45,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$38,400	1		
No Component	90%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 162 - BX

Asset # : 179

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	25%	Now	$2,600	2023	$51,600	2	$1,100	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Exhaust, Basement								
Roof	75%			2023	$111,400	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galv Iron/Steel	20%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$27,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%	Now	$20,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement: 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 164 - M**
Address : **401 WEST 164 STREET BTWN: EDGECOMBE AVE,AMSTERDAM AV**
Borough : **MANHATTAN**
Agency's Number : **M164**
Program / Asset # : **BOE0099.000 / 1651**
Yr Built/Renovated : **1930 / 2010**
Area Sq Ft : **96,000**
Project Type : **EDUCATION**
Date of Survey : **09-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2111** **Lot** : **24**
BIN : **1062636**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$588,800	$131,200
Interior Architecture	$1,075,700	$934,300
Electrical	$800,200	$649,900
Mechanical		$701,200
Total	**$2,464,800**	**$2,416,700**
Importance Code A	$588,800	$131,200
Importance Code B	$1,451,800	$2,242,000
Importance Code C	$424,200	$43,500
Total	**$2,464,800**	**$2,416,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,400			
Interior Architecture	$154,500			$10,900
Electrical	$10,000	$700	$800	$800
Mechanical	$72,000	$14,600	$21,400	$13,800
Total	**$253,900**	**$15,300**	**$22,200**	**$25,500**
Importance Code A	$26,900	$9,500	$9,500	$9,500
Importance Code B	$203,000	$5,800	$12,700	$16,000
Importance Code C	$24,100			
Total	**$253,900**	**$15,300**	**$22,200**	**$25,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	4+	$198,000	LIFE	* *	5	$131,200	
Efflorescence, Extent : Severe, Area Affected : 10%								
Location : Street Facades								
Masonry: Granite	5%			LIFE	* *	5	$11,600	
Masonry: Limestone	10%			LIFE	* *	5	$23,200	
Windows								
Aluminum	100%	Now	$188,200	2042	* *	5	$22,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	75%	Now	$89,400	LIFE	* *	5	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	25%			LIFE	* *	5-10	$62,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$56,800	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$33,500	LIFE	* *	5	$70,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$31,200	2035	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	2%	0-2	$9,300	2039	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	4%	0-2	$30,000	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	54%	Now	$74,000	2021	$739,800	3	$32,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	15%	2-4	$239,200	2054	* *	5	$22,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ridging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$24,100	2035	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%	0-2	$136,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Marble Panels	2%	0-2	$55,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	83%	Now	$232,500	LIFE	* *	5	$43,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$8,100	
Exposed Concrete	15%			LIFE	* *	5-10	$30,200	
Plaster	80%	0-2	$338,400	LIFE	* *	5	$80,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electric Service Room								
Explanation : 2000 Amp Switch / 1200 Amp Fuse								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$153,900	5	$400	
Fused Disc Sw	10%			2046	* *	5		
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%	2-4	$143,500	2051	* *	5	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Molded Case Bkrs	10%			2042	* *	5	$300	
Wiring								
Braided Cloth	90%	0-2	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	85%	0-2	$64,200	2046	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room And Boiler Room								
Locally Mounted	15%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$83,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	5%			2034	* *	10	$200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boys And Girls Gymnasiums								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2026	$18,900	1		
Exit, Service	30%	Now	$7,800	2036	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 50%								
Location : 3rd And 4th Floors								
Exit, Service	30%			2031	* *	1		
Exterior Lighting								
HID	100%	Now	$362,600	2036	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$58,100	1	$7,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$198,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Number 2 Oil - 10,000 Gallon Tank - Gas Pressure Booster Pump								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$95,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$13,400	2036	* *	4	$4,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement, Boiler Room								
Explanation : Return Pipe In Supply Room, Condensate Pump Leaking								
Terminal Devices								
Air Handler	25%			2026	$129,400	1	$14,800	
Convector/Radiator	45%			2031	* *	1	$14,000	
Fan Coil Unit/Heat	30%			2026	$431,200	1	$9,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 164 - M

Asset # : 1651

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	25%			2021	$49,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Interior	50%	Now	$5,300	2026	$53,100	2	$1,200	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Fan Room								
Roof	50%			2026	$38,200	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,700	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2021	$22,300	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up During Heavy Rain. Supply Room, Basement								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 166 - BK (J. H. S. 166 - BK)**		
Address	: **800 VAN SICKLEN AVENUE @ LINDEN BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K166**
Program / Asset #	: **BOE0466.000 / 1335**	**Yr Built/Renovated**	: **1956 / 2011**
Area Sq Ft	: **143,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,ph**		
Block	: **4349** **Lot** : **50**	**BIN**	: **3097675**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$276,100
Interior Architecture	$721,600	$1,831,600
Electrical	$1,202,200	$103,600
Mechanical	$94,600	$1,446,700
Total	**$2,018,400**	**$3,658,000**
Importance Code A		$276,100
Importance Code B	$1,900,200	$3,041,800
Importance Code C	$118,300	$340,100
Total	**$2,018,400**	**$3,658,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,500		$25,900
Interior Architecture	$32,100		$3,400	$24,400
Electrical	$4,000	$43,900	$5,400	$5,200
Mechanical	$29,900	$45,400	$38,800	$21,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$69,900**	**$98,700**	**$51,500**	**$81,100**
Importance Code A	$15,200	$20,700	$15,500	$41,100
Importance Code B	$39,800	$78,100	$32,600	$40,000
Importance Code C	$14,900		$3,400	
Total	**$69,900**	**$98,700**	**$51,500**	**$81,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$124,200	
Panel/Paver: Limestone	5%			LIFE	* *	5	$4,900	
Windows								
Aluminum	100%			2045	* *	5	$51,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	10%			2028	* *	5-10	$9,000	
Roof								
Built-Up (BUR)	95%			2033	* *	10	$151,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2053	* *	10	$26,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2026	$222,500	5	$11,500	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	25%	Now	$488,100	2033	* *	3	$21,500	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Corridors - 9x9 Tiles								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Corridors								
Vinyl Tile	60%			2023	$1,171,500	3	$68,900	
Wood	5%	0-2	$37,900	2038	* *	5	$10,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	4%			2026	$295,900	5	$10,700	
Concrete Masonry Unit	5%	Now	$14,900	LIFE	* *	5	$5,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Water Meter Room								
Folding Partition	1%			2039	* *	5	$6,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%	Now	$118,300	LIFE	* *	5	$44,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$77,300	2036	* *	5	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5	$1,600	
Plaster	75%			LIFE	* *	5	$97,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2033	* *	5	$100	
Fused Disc Sw	90%			2049	* *	5	$600	
Raceway								
Conduit	85%			2033	* *	1		
Conduit	5%			2043	* *	1		
Conduit	10%			2049	* *	1		
Panelboards								
Molded Case Bkrs	60%			2045	* *	5	$2,300	
Molded Case Bkrs	40%			2031	* *	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2033	* *	1		
Thermoplastic	15%			2049	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$900	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	67%			2028	* *	10	$94,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2031	* *	10	$28,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Offices And Some Classrooms								
Explanation : T-8 Lamps								
HID	3%			2018	$36,700	10	$100	
Incandescent	10%			2018	$170,400	2	$300	
Egress Lighting								
Emergency, Battery	40%			2018	$82,800	10	$14,800	
Emergency, Battery	10%			2028	* *	10	$3,700	
Exit, Service	50%			2018	$20,700	1		
Exterior Lighting								
HID	100%			2018	$540,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$26,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$47,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$151,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2023	$1,071,300	4	$7,600	
Terminal Devices								
Air Handler	20%			2023	$165,500	1	$19,000	
Convector/Radiator	80%			2028	* *	1	$39,600	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BK (J. H. S. 166 - BK)

Asset # : 1335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$94,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	
Exhaust Fans								
Interior	30%			2023	$50,900	2	$1,400	
Roof	70%			2023	$85,400	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$35,700	2	$2,200	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$22,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement : 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 166 - BX**
Address : **250 EAST 164 STREET @ MORRIS AVE**
Borough : **BRONX**
Agency's Number : **X166**
Program / Asset # : **BOE0300.000 / 2605**
Yr Built/Renovated : **1972 / 2009**
Area Sq Ft : **157,000**
Project Type : **EDUCATION**
Date of Survey : **30-Apr-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2446** **Lot** : **43**
BIN : **2002497**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$240,400
Interior Architecture	$1,029,000	$1,323,800
Electrical	$187,600	$2,104,600
Mechanical	$982,600	$495,200
Total	**$2,199,100**	**$4,164,000**
Importance Code A	$811,300	$280,300
Importance Code B	$1,138,400	$3,842,000
Importance Code C	$249,500	$41,600
Total	**$2,199,100**	**$4,164,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,000			
Interior Architecture	$147,000	$6,200		$23,400
Electrical	$5,900	$3,800	$30,100	$3,800
Mechanical	$13,100	$34,800	$66,900	$31,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$188,000**	**$48,800**	**$100,900**	**$62,500**
Importance Code A	$18,000	$16,500	$16,800	$16,500
Importance Code B	$120,100	$32,300	$84,100	$46,000
Importance Code C	$49,900			
Total	**$188,000**	**$48,800**	**$100,900**	**$62,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$64,700	
Masonry: Brick	80%			LIFE	* *	5	$69,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout 2009								
Mosaic Tile	5%			2044	* *	10	$13,500	
Windows								
Aluminum	100%	Now	$18,000	2040	* *	5	$10,700	
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$14,800	
Masonry: Brick	85%			LIFE	* *	5	$10,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout 2009								
Roof								
Modified Bitumen	100%			2034	* *	10	$106,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 2009								
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$25,900	LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2033	* *	5	$12,500	
Mosaic Tile	4%			2037	* *	5	$24,900	
Terrazzo	1%			LIFE	* *	5	$1,900	
Vinyl Tile	55%	0-2	$350,000	2024	$1,166,500	3	$51,400	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout Lunch Room								
Vinyl Tile	20%			2029	* *	3	$24,900	
Wood	5%	2-4	$41,100	2039	* *	5	$11,700	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$22,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Acid Tank Platform, Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room B42								
Ceramic Tile	5%			2027	* *	5	$17,400	
Concrete Masonry Unit	5%	Now	$19,300	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Boiler Room Shop								
Folding Partition	5%	Now	$138,100	2032	* *	5	$21,700	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Auditorium								
Mosaic Tile	5%			LIFE	* *			
Plaster	40%	Now	$111,400	LIFE	* *	5	$41,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout All Bulkheads								
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	50%	2-4	$113,500	2029	* *	5	$61,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	35%	0-2	$274,900	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	0-2	$20,400	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	0-2	$32,000	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	95%			2024	$39,900	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 4000 Amps								
Fused Disc Sw	5%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 45a Fuses Tapped Ahead Of Main Disconnect For Fire Alarm System								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$700	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	30%			2032	* *	5	$1,100	
Molded Case Bkrs	70%			2032	* *	5	$2,900	
Wiring								
Thermoplastic	70%			2034	* *	1		
Thermoplastic	30%			2024	$104,200	1		
Motor Controllers								
Locally Mounted	20%			2022	$23,000	5	$200	
Motor Control Center	80%			2029	* *	5	$3,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	94%			2024	$1,740,100	10	$143,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps And Some Compact Fluorescents								
HID	1%			2024	$13,300	10	$100	
Incandescent	5%			2019	$92,600	2	$200	
Egress Lighting								
Exit, Service	50%			2019	$22,500	1		
Exit, Battery	50%			2024	$76,700	10	$5,600	
Exterior Lighting								
HID	100%			2029	* *	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$95,000	1	$11,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2034	* *	1-3	$29,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2044	* *	5	$51,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Tank Vault								
Explanation : 2 - 15,000 Gallon Tanks Undergoing Upgrade To Oil # 4								
Conversion Equipment								
Steam Boiler	100%	0-2	$811,300	2044	* *	1	$148,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$8,200	
Terminal Devices								
Air Handler	20%			2024	$179,700	1	$20,600	
Convector/Radiator	80%			2029	* *	1	$43,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2024	$28,300	1	$3,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof - Serves The 4th Floor Only								
Ext Pkg Unit - Heating/Cooling	5%			2024	$55,000	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	50%			2019	$171,300	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	5%			2034	* *	4	$600	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2024	$39,600	1	$5,200	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	5%			2024	$29,900	2	$5,800	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,900	
Exhaust Fans								
Interior	20%			2024	$36,800	2	$1,000	
Roof	80%	Now	$5,300	2024	$106,000	2	$3,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	5%			2023	$1,300	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Meter Room								
Explanation : Instantanious / Serves Labs								
Gas Fired	95%			2022	$36,800	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - Gas Fired Instantanious / Backs Up When Boiler Is Off Line								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$24,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 4								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 166 - BX

Asset # : 2605

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,300	
Chemical System								
No Component	90%							
Generic	10%			2019	$2,600	1-3	$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 174 - BX**
Address : **456 WHITE PLAINS ROAD @LACOMBE AVE.**
Borough : **BRONX** | **Agency's Number** : **X174**
Program / Asset # : **BOE0302.000 / 378** | **Yr Built/Renovated** : **1972 / 2002**
Area Sq Ft : **169,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Dec-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3478** **Lot** : **18** | **BIN** : **2020580**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$417,500	$779,900
Interior Architecture		$2,291,400
Electrical	$698,000	$2,950,100
Mechanical	$184,400	$666,200
Total	**$1,300,000**	**$6,687,500**
Importance Code A	$417,500	$779,900
Importance Code B	$882,400	$5,857,200
Importance Code C		$50,400
Total	**$1,300,000**	**$6,687,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,300		$11,200	
Interior Architecture	$33,100	$45,400		$27,500
Electrical	$10,500	$47,600	$11,000	$8,500
Mechanical	$71,800	$53,000	$41,400	$25,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$145,600**	**$150,000**	**$67,500**	**$65,200**
Importance Code A	$44,100	$17,800	$29,000	$17,800
Importance Code B	$96,000	$132,300	$38,500	$47,500
Importance Code C	$5,600			
Total	**$145,600**	**$150,000**	**$67,500**	**$65,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$280,100	LIFE	* *	5	$92,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Fan Room, And Storage Room At Courtyard Wall								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fan Room And Storage Room								
Windows								
Aluminum	97%			2039	* *	5	$22,400	
Metal Louvers	3%			2032	* *	10	$4,300	
Parapets								
Masonry: Brick	97%			LIFE	* *	5	$13,300	
Masonry: Limestone	3%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	25%	Now	$26,300	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Courtyard Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Fourth Floor Corridor								
IRMA/Protected Membrane	75%	Now	$137,400	2023	$687,000			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Locker Room, Fan Room, Storage Room								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$41,100	
Ceramic Tile	3%			2026	$156,100	5	$8,100	
Terrazzo	3%			LIFE	* *	5	$6,300	
Vinyl Tile	82%			2023	$1,872,100	3	$110,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridor								
Wood	5%			2038	* *	5	$25,200	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$11,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,900	
Gypsum Board	7%			LIFE	* *	5	$15,700	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	15%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$50,400	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$65,700	
Exposed Concrete	50%			LIFE	* *	5	$20,500	
Fiber Board	10%			2023	$171,600			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Plaster	15%			LIFE	* *	5	$24,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$50,800	5	$800	
Molded Case Bkrs	70%			2022	$177,900	5	$3,100	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Thermoplastic	90%			2023	$312,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	94%			2023	$1,873,100	10	$154,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2023	$39,900	10	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Stairways								
Explanation : Compact Fluorescent Lighting Fixtures								
HID	1%			2018	$14,300	10	$100	
Incandescent	3%			2018	$59,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$21,700	
Exit, Service	50%			2018	$24,200	1		
Exterior Lighting								
HID	100%			2018	$638,300	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Cafeteria								
Explanation : CCTV Surveillance System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$72,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Classrooms								
Explanation : Strobe Lights, Manual Pull Station And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$55,600	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$177,700	
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$13,300	
Terminal Devices								
Air Handler	25%			2023	$241,800	1	$27,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Explanation : Ahu For The Gym Is Under Sized								
Convector/Radiator	75%			2028	* *	1	$43,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$184,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$31,000	LIFE	* *	2-5	$100,000	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Fan Room								
Explanation : No Air Ventilation In The Gym. Ductwork Might Be Blocked Inside								
Exhaust Fans								
Interior	50%			2023	$99,200	2	$2,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Gym								
Explanation : No Ventilation								
Roof	50%	Now	$1,400	2023	$71,300	2	$2,200	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 2 Units On Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 174 - BX

Asset # : 378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$26,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$209,500	1-2	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 180 - BX**
Address : **700 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**
Borough : **BRONX** | **Agency's Number** : **X180**
Program / Asset # : **BOE0305.000 / 366** | **Yr Built/Renovated** : **1972 / 2009**
Area Sq Ft : **138,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5141** **Lot** : **150** | **BIN** : **2097470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$168,800	$268,400
Interior Architecture	$297,600	$36,600
Electrical		$1,751,900
Mechanical	$73,100	$1,874,600
Total	**$539,500**	**$3,931,600**
Importance Code A	$168,800	$310,500
Importance Code B	$265,500	$3,584,500
Importance Code C	$105,200	$36,600
Total	**$539,500**	**$3,931,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$73,300		$15,300	
Interior Architecture	$65,300		$58,300	$3,300
Electrical	$4,000	$1,000	$2,500	$2,300
Mechanical	$41,000	$50,500	$41,000	$57,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$187,600**	**$55,500**	**$121,000**	**$66,600**
Importance Code A	$80,600	$7,200	$22,600	$7,200
Importance Code B	$63,700	$48,200	$90,800	$59,300
Importance Code C	$43,300		$7,600	
Total	**$187,600**	**$55,500**	**$121,000**	**$66,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$74,200	
Pre-Cast Concrete	40%			LIFE	* *	5	$175,400	
Slate Panels	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	100%			2042	* *	5	$17,700	
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$38,200	
Metal Rail	10%			2039	* *	5-10	$25,300	
Pre-Cast Concrete	50%			LIFE	* *	5	$87,900	
Roof								
Built-Up (BUR)	85%			2034	* *	10	$99,700	
Cast in Place Concrete	15%			LIFE	* *	10	$29,300	
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$17,100	
Vinyl Tile	87%			2031	* *	3	$71,500	
Wood	5%			2041	* *	5	$20,600	
Interior Walls								
Concrete Masonry Unit	13%			LIFE	* *	5	$31,700	
Folding Partition	2%			2034	* *	5	$15,300	
Metal Panel	20%			LIFE	* *	10	$27,500	
Plaster	40%			LIFE	* *	5-10	$103,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$38,100	
Ceilings								
AcousTileConcealSpLn	25%	2-4	$86,800	2046	* *	5	$33,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	25%			2039	* *	5	$53,600	
Exposed Concrete	45%			LIFE	* *	5-10	$120,700	
Metal Panel	5%			LIFE	* *	5	$26,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amps Main Service Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2024	$15,800	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1-225 Kva, 1-75 Kva And 1-15 Kva								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Molded Case Bkrs	20%			2046	* *	5	$700	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2025	$44,800	5	$600	
Molded Case Bkrs	30%			2042	* *	5	$1,100	
Molded Case Bkrs	50%			2025	$112,100	5	$1,800	
Wiring								
Thermoplastic	95%			2026	$330,000	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$500	
Motor Control Center	50%			2039	* *	5	$1,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$134,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$98,800	10	$17,700	
Exit, Service	50%			2026	$19,800	1		
Exterior Lighting								
HID	100%			2021	$521,200	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	* *	1	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors In The Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2036	* *			
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Hallways								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Cellar Mech Room								
Explanation : Hot Water Provided From Nearby Co Op City								
Conversion Equipment								
Heat Exchanger	100%			2029	* *	1	$72,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$36,800	2034	* *	4	$7,200	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Pump # 2 Not Working In Basement								
Terminal Devices								
Air Handler	50%			2026	$394,900	1	$45,300	
Convector/Radiator	50%			2031	* *	1	$23,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2021	$397,800	1	$54,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Refrigerant Type R22								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2036	* *	4	$5,800	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2026	$741,900	1	$72,500	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	$187,300	2	$81,600	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 180 - BX

Asset # : 366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$129,300	
Exhaust Fans								
Roof	100%			2026	$116,500	2	$4,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$14,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : S C, C, 1, 2.								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$73,900	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 181 - BX**		
Address	: **800 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X181**
Program / Asset #	: **BOE0306.000 / 4414**	**Yr Built/Renovated**	: **1972 / 2009**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5141** **Lot** : **150**	**BIN**	: **2097470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$167,500	$284,000
Interior Architecture	$775,100	$1,781,900
Electrical		$3,816,100
Mechanical	$36,000	$2,949,800
Total	**$978,700**	**$8,831,800**
Importance Code A	$167,500	$326,000
Importance Code B	$520,600	$8,469,500
Importance Code C	$290,600	$36,300
Total	**$978,700**	**$8,831,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900	$8,800	$15,200	
Interior Architecture	$58,800			$27,800
Electrical	$10,800	$1,000	$2,600	$2,400
Mechanical	$40,700	$53,700	$40,700	$56,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$149,100**	**$67,500**	**$62,500**	**$90,800**
Importance Code A	$42,100	$16,000	$22,400	$7,200
Importance Code B	$94,900	$51,500	$40,100	$83,600
Importance Code C	$12,100			
Total	**$149,100**	**$67,500**	**$62,500**	**$90,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$73,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	40%			LIFE	* *	5	$174,100	
Slate Panels	5%			LIFE	* *	5	$5,000	
Windows								
Aluminum	100%			2048	* *	5	$17,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$38,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Rail	10%			2039	* *	5-10	$25,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$87,300	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$116,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$66,700	
Ceramic Tile	3%			2035	* *	5	$6,500	
Vinyl Tile	90%	2-4	$333,100	2026	$1,665,700	3	$73,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$24,200	
Folding Partition	5%	0-2	$120,500	2034	* *	5	$18,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Metal Panel	20%	2-4	$83,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	40%	0-2	$48,600	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%			2031	* *	5	$79,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor Throughout								
Exposed Concrete	65%			LIFE	* *	5-10	$173,100	
Metal Panel	5%			LIFE	* *	5	$26,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Transformers								
Dry Type	100%			2031	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1-225 Kva, 1-75 Kva, 1-15 Kva								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$197,900	5	$500	
Molded Case Bkrs	10%			2046	* *	5	$400	
Raceway								
Conduit	80%			2026	$198,000	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Fused Disc Sw	30%			2025	$67,300	5	$900	
Molded Case Bkrs	10%			2042	* *	5	$400	
Molded Case Bkrs	50%			2025	$112,100	5	$1,800	
Wiring								
Thermoplastic	80%			2026	$277,900	1		
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$23,000	5	$200	
Motor Control Center	80%			2039	* *	5	$3,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,583,100	10	$130,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2021	$32,300	2	$100	
Egress Lighting								
Emergency, Battery	20%			2021	$39,200	10	$7,000	
Emergency, Battery	30%			2031	* *	10	$10,500	
Exit, Service	20%			2021	$7,800	1		
Exit, Service	30%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$517,400	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$82,900	1	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only - Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$567,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Fire Alarm System Is Functional, Strobe Lights, Smoke Detectors & Manual Pull Stations Are In The Hallways								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Cellar Mech Room								
Explanation : Hot Water Provided From Nearby Co Op City								
Conversion Equipment								
Heat Exchanger	100%			2029	* *	1	$71,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2034	* *	4	$10,800	
Terminal Devices								
Air Handler	50%			2026	$392,100	1	$45,000	
Fan Coil Unit/Heat	50%			2026	$1,088,800	1	$23,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 181 - BX

Asset # : 4414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2026	$394,900	1	$54,000	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2036	* *	4	$5,700	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2026	$736,500	1	$71,900	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	$185,900	2	$81,000	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$128,400	
Exhaust Fans								
Roof	100%			2026	$115,600	2	$4,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$14,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : S C, C, 1, 2, 3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$73,300	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 181 - BX
Asset # : 4414

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 184 - BX**		
Address	**: 778 FOREST AVENUE @ E. 158 ST.**		
Borough	**: BRONX**	**Agency's Number**	**: X184**
Program / Asset #	**: BOE0309.000 / 369**	**Yr Built/Renovated**	**: 1975 / 2011**
Area Sq Ft	**: 175,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 07-Jun-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 2655** **Lot : 30**	**BIN**	**: 2004690**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$274,700	$122,100
Interior Architecture	$345,800	$384,000
Electrical	$125,300	$4,293,200
Mechanical	$287,900	$1,592,400
Total	**$1,033,600**	**$6,391,700**
Importance Code A	$274,700	$164,200
Importance Code B	$759,000	$6,163,700
Importance Code C		$63,800
Total	**$1,033,600**	**$6,391,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,600		$3,600	
Interior Architecture	$31,300	$7,000	$46,900	$27,100
Electrical	$9,500	$9,100	$65,600	$8,500
Mechanical	$66,400	$42,100	$106,300	$49,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$126,600**	**$62,100**	**$226,300**	**$89,000**
Importance Code A	$34,000	$18,400	$22,400	$18,400
Importance Code B	$92,700	$43,700	$170,100	$70,600
Importance Code C			$33,800	
Total	**$126,600**	**$62,100**	**$226,300**	**$89,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$24,000	
Cast Stone/Terra Cotta	5%	Now	$136,100	LIFE	* *	5	$37,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Columns								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : At Columns								
Masonry: Brick	88%			LIFE	* *	5	$84,600	
Metal Panel	2%			2044	* *	5-10	$13,200	
Windows								
Aluminum	100%			2046	* *	5	$23,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,800	
Metal Rail	10%			2037	* *	5-10	$25,600	
Roof								
Modified Bitumen	100%	Now	$138,600	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 418b								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$60,800	
Ceramic Tile	5%			2033	* *	5	$13,900	
Quarry Tile	2%			2037	* *	5	$8,300	
Vinyl Tile	78%			2029	* *	3	$108,400	
Wood	5%			2039	* *	5	$26,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$15,500	
Operable Wall	5%			2034	* *	5	$67,700	
Plaster	55%			LIFE	* *	5	$63,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	12%	2-4	$264,100	2044	* *	5	$20,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Corridor Near Room 418b								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Corridor Near Room 418b								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	48%			2029	* *	5	$163,300	
Exposed Concrete	20%			LIFE	* *	5	$8,500	
Fiber Board	10%			2024	$177,700			
Plaster	10%			LIFE	* *	5	$17,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$244,400	5	$800	
Raceway								
Conduit	100%			2024	$289,000	1		
Panelboards								
Fused Disc Sw	20%			2023	$50,800	5	$800	
Molded Case Bkrs	80%			2023	$203,300	5	$3,700	
Wiring								
Thermoplastic	90%			2024	$350,900	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	40%			2022	$46,000	5	$500	
Locally Mounted	30%			2041	* *	5	$400	
Motor Control Center	30%			2022	$216,700	5	$1,400	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$2,022,200	10	$167,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2019	$14,800	10	$100	
Incandescent	1%			2019	$20,600	2		
Egress Lighting								
Emergency, Battery	50%			2019	$125,300	10	$22,400	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$660,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$19,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2029	* *	1-3	$55,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Alarm Bells, Manual Pull Station And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$57,600	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$184,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : (3) Kwanee Corp. Boilers								
Distribution								
Hot Wtr Piping/Pump	10%			2040	* *	4	$900	
Steam Piping/Pump	90%			2034	* *	4	$12,400	
Terminal Devices								
Convector/Radiator	80%			2037	* *	1	$48,000	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2024	$252,200	1	$34,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Mechanical Room								
Explanation : (2) Dunham Chillers								
Window/Wall Unit	60%			2019	$229,100	1		
Distribution								
Chilled Wtr Pipe/Pump	40%			2044	* *	4	$3,700	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	80%	Now	$58,800	2024	$1,176,000	1	$82,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor Mechanical Room								
Fan Coil - Cool/Heat	20%			2029	* *	1	$12,000	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$129,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : (2) Dunham Bush Air Cooled Condensers								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,600	
Exhaust Fans								
Interior	20%			2029	* *	2	$1,100	
Roof	80%			2024	$118,100	2	$4,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$11,100	2037	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Shut Off Valve								
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$18,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$600	2024	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 184 - BX

Asset # : 369

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Floors							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 192 - BX**		
Address	**: 650 HOLLYWOOD AVENUE BTWN: RANDALL AVE., SCHLEY AVE.**		
Borough	**: BRONX**	**Agency's Number**	**: X192**
Program / Asset #	**: BOE0310.000 / 370**	**Yr Built/Renovated**	**: 1973 / 2010**
Area Sq Ft	**: 146,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 06-May-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 5438** **Lot : 1**	**BIN**	**: 2077130**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$194,300	$288,600
Interior Architecture	$684,500	$1,836,300
Electrical		$1,819,900
Mechanical	$901,100	$550,900
Total	**$1,779,800**	**$4,495,600**
Importance Code A	$948,700	$330,600
Importance Code B	$685,900	$4,116,600
Importance Code C	$145,200	$48,400
Total	**$1,779,800**	**$4,495,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,200	$10,000		
Interior Architecture	$76,900			$27,500
Electrical	$22,800	$1,600	$2,500	$3,100
Mechanical	$26,100	$37,800	$40,300	$37,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$150,000**	**$57,400**	**$50,700**	**$76,000**
Importance Code A	$16,200	$25,300	$15,300	$15,300
Importance Code B	$113,600	$32,000	$35,400	$60,600
Importance Code C	$20,200			
Total	**$150,000**	**$57,400**	**$50,700**	**$76,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$24,100	
Masonry: Brick Cavity	90%			LIFE	* *	5	$144,400	
Slate Panels	7%			LIFE	* *	5	$8,400	
Windows								
Aluminum	100%			2048	* *	5	$20,000	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$244,200	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$94,300	
Metal Panel	5%			2043	* *	10	$9,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$101,500	
Ceramic Tile	5%			2035	* *	5	$11,600	
Slate	5%			LIFE	* *	5	$24,600	
Vinyl Tile	75%			2026	$1,479,300	3	$87,000	
Wood	5%	Now	$76,500	2041	* *	5	$10,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$25,800	
Metal Panel	5%			LIFE	* *	10	$7,300	
Plaster	50%			LIFE	* *	5-10	$137,100	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$56,500	
Ceilings								
AcousTileConcealSpLn	25%	0-2	$275,400	2039	* *	5	$35,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	35%			LIFE	* *	5-10	$99,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$22,700	
Fiber Board	15%			2026	$222,400			
Plaster	20%			LIFE	* *	5-10	$78,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$37,800	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000a & 1600a Main Disconnect Switch								
Fused Disc Sw	10%			2026	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$600	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	70%			2025	$157,000	5	$2,700	
Molded Case Bkrs	20%			2034	* *	5	$800	
Wiring								
Thermoplastic	90%			2026	$312,600	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$113,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	16%			2036	* *	10	$22,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement,Hallway,Boiler Rm. & Fan Rm.								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	30%			2021	$62,700	10	$11,200	
Emergency, Battery	20%			2036	* *	10	$7,500	
Exit, Service	30%			2021	$12,500	1		
Exit, Service	20%			2036	* *	1		
Exterior Lighting								
HID	100%			2021	$551,400	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$16,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$48,000	
Conversion Equipment								
Steam Boiler	100%	0-2	$754,500	2046	* *	1	$138,100	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : #3 Boiler								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$108,200	2036	* *	4	$7,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Steam Piping Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Lines								
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$167,100	1	$19,200	
Convector/Radiator	80%			2031	* *	1	$40,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$191,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$136,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - BX

Asset # : 370

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2026	$154,200	2	$4,300	
Roof	10%			2026	$12,300	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$15,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$1,100	2026	$11,100	4	$1,600	
Broken, Extent : Moderate, Area Affected : 20%								
Location : 1 Out Of 2, Basement Level								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : B-4, B-1								
Explanation : Two Units, One Passenger And One Freight - Freight Unit Not Currently In Service								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$78,100	
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$6,500	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 192 - Q**
Address : **109-89 204 STREET BTWN: HOLLIS AVE., 111 AVE.**
Borough : **QUEENS**
Agency's Number : **Q192**
Program / Asset # : **BOE0833.000 / 1522**
Yr Built/Renovated : **1963 / 2009**
Area Sq Ft : **150,000**
Project Type : **EDUCATION**
Date of Survey : **07-Jan-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **10944** **Lot** : **301** **BIN** : **4234318**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$132,900	$309,000
Interior Architecture	$503,600	$2,089,600
Electrical		$2,302,400
Mechanical	$77,300	$1,776,700
Total	**$713,800**	**$6,477,800**
Importance Code A	$132,900	$1,134,500
Importance Code B	$461,400	$5,301,100
Importance Code C	$119,500	$42,200
Total	**$713,800**	**$6,477,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,200	$58,700		
Interior Architecture	$113,800		$5,500	$26,800
Electrical	$26,800	$1,700	$2,800	$3,000
Mechanical	$57,700	$31,700	$36,400	$27,700
Total	**$244,400**	**$92,100**	**$44,600**	**$57,500**
Importance Code A	$62,100	$74,700	$15,900	$15,900
Importance Code B	$136,500	$17,400	$28,700	$41,600
Importance Code C	$45,800			
Total	**$244,400**	**$92,100**	**$44,600**	**$57,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$44,300	
Masonry: Brick Cavity	90%			LIFE	* *	5	$265,900	
Mosaic Tile	2%			2046	* *	10	$9,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$48,000	
Windows								
Aluminum	100%			2048	* *	5	$58,100	
Parapets								
Metal Rail	100%			2043	* *	5-10	$75,600	
Roof								
Built-Up (BUR)	97%			2034	* *	10	$130,200	
Metal Panel	3%			2043	* *	10	$7,400	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$50,100	LIFE	* *	5	$52,700	
Deflection Evident, Extent : Moderate, Area Affected : 20% *Location : Under Boilers* *Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%* *Location : Near Boilers* *Water Penetration, Extent : Severe, Area Affected : 25%* *Location : Under Boilers*								
Ceramic Tile	3%			2035	* *	5	$7,200	
Terrazzo	5%			LIFE	* *	5	$18,800	
Vinyl Tile	17%			2026	$348,200	3	$20,500	
Vinyl Tile 9" X 9"	60%			2021	$1,592,000	3	$72,300	
Wood	5%			2041	* *	5	$22,600	
Interior Walls								
Ceramic Tile	3%	Now	$23,300	2035	* *	5	$4,200	
Vertical Cracks, Extent : Moderate, Area Affected : 10% *Location : Teachers Cafeteria*								
Concrete Masonry Unit	10%			LIFE	* *	5	$22,500	
Folding Partition	2%			2042	* *	5	$14,100	
Masonry: Brick	5%			LIFE	* *	10	$4,200	
Plaster	50%			LIFE	* *	5-10	$119,500	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$42,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$202,800	2046	* *	5	$10,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileConcealSpLn	20%			2031	* *	5	$54,500	
AcousTileSusp.Lay-In	5%			2039	* *	5	$10,900	
Exposed Concrete	15%			LIFE	* *	5-10	$40,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$21,800	
Metal Panel	5%			LIFE	* *	5	$27,300	
Plaster	40%			LIFE	* *	5-10	$149,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$600	
Raceway								
Conduit	100%			2026	$247,500	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	60%			2025	$134,500	5	$2,400	
Molded Case Bkrs	30%			2034	* *	5	$1,200	
Wiring								
Thermoplastic	60%			2026	$208,400	1		
Thermoplastic	40%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2021	$35,800	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-12 Lamps								
Fluorescent	95%			2034	* *	10	$140,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2026	$17,900	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HID	1%			2021	$12,800	10	$100	
Incandescent	1%			2021	$17,900	2		
Egress Lighting								
Emergency, Battery	50%			2021	$108,500	10	$19,400	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$566,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$466,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 10,000 Gallon Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2024	$783,500	1	$159,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$7,900	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Traps And Vacuum Condensate Tank								
Terminal Devices								
Air Handler	30%	Now	$5,200	2026	$260,300	1	$26,900	
Broken, Extent : Severe, Area Affected : 2%								
Location : The Bearings Of The Auditorium Unit								
Convector/Radiator	70%			2031	* *	1	$36,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$19,900	2021	$198,500	1		
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Defective Window Air Conditioning Units Throughout Classrooms								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$142,100	
Exhaust Fans								
Interior	40%			2026	$71,200	2	$2,000	
Roof	60%			2026	$76,800	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galv Iron/Steel	50%			2024	$240,300	1		
Water Heater								
Gas Fired	100%			2019	$37,400	2	$2,300	
HW Heat Exchanger								
Low Temp	100%			2026	$49,900	4	$23,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 192 - Q

Asset # : 1522

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$56,400	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 195 - M (ECF)**				
Address	: **625 WEST 133 STREET @BROADWAY**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M195**	
Program / Asset #	: **BOE0117.000 / 1639**		**Yr Built/Renovated**	: **1975 / 2008**	
Area Sq Ft	: **155,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **27-Nov-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2001**	**Lot** : **5**	**BIN**	: **1059942**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$203,800	$68,200
Interior Architecture	$1,575,300	$1,651,700
Electrical	$766,800	$767,800
Mechanical	$1,039,900	$1,070,000
Total	**$3,585,900**	**$3,557,700**
Importance Code A	$203,800	$110,200
Importance Code B	$3,009,200	$3,351,600
Importance Code C	$372,900	$95,900
Total	**$3,585,900**	**$3,557,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,800		$9,900	
Interior Architecture	$92,500			$21,500
Electrical	$5,900	$5,100	$31,100	$4,300
Mechanical	$72,300	$53,600	$95,700	$50,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$210,400**	**$62,600**	**$140,800**	**$80,400**
Importance Code A	$52,100	$16,300	$26,600	$16,300
Importance Code B	$125,100	$46,300	$114,200	$64,100
Importance Code C	$33,200			
Total	**$210,400**	**$62,600**	**$140,800**	**$80,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	8%			LIFE	* *	5	$30,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Three Floors								
Explanation : School Is Part Of A High Rise Residential Complex								
Masonry: Brick	90%			LIFE	* *	5	$68,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	2%	0-2	$2,200	2037	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Soffits								
Windows								
Aluminum	100%			2049	* *	5	$19,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$10,000	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$1,000	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	40%	0-2	$36,200	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Security Bars	40%	0-2	$22,600	2052	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Slate	5%			LIFE	* *	5	$800	
Roof								
Panel/Paver: Cer/Brk	90%	2-4	$167,600	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
No Component	10%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$12,800	LIFE	* *	5	$53,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	2-4	$7,200	2027	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$18,500	
Slate	2%			LIFE	* *	5	$5,200	
Vinyl Tile	70%	0-2	$73,300	2024	$1,465,800	3	$64,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$243,700	2039	* *	5	$23,100	
Dry Rot/Decay, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	0-2	$14,200	2027	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$19,000	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *			
Plaster	30%	0-2	$41,200	LIFE	* *	5	$30,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	50%	0-2	$331,700	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	7%			LIFE	* *	5	$95,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	2-4	$672,200	2044	* *	5	$36,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTileSusp.Lay-In	10%	Now	$19,500	2029	* *	5	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Crossovers								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Crossovers								
Embossed Metal	5%	Now	$10,600	LIFE	* *	5	$5,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%	0-2	$213,300	LIFE	* *	5	$20,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$700	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	25%			2023	$56,100	5	$900	
Molded Case Bkrs	50%			2023	$112,100	5	$2,000	
Molded Case Bkrs	25%			2032	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$80,600	5	$700	
Motor Control Center	30%			2022	$216,700	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								

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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2029	* *	10	$144,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2019	$26,300	10	$100	
Incandescent	2%			2019	$36,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$40,500	1		
Exit, Service	50%			2024	$22,200	1		
Exterior Lighting								
HID	100%			2019	$585,400	10	$500	
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$14,500	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2032	* *	1-3	$24,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$162,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$8,100	
Terminal Devices								
Air Handler	20%	Now	$8,900	2024	$177,400	1	$18,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System								
Convector/Radiator	75%	Now	$58,300	2029	* *	1	$35,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Fan Coil Unit/Heat	5%	Now	$6,200	2024	$123,200	1	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%	2-4	$390,900	2034	* *	1	$48,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Chillers, 3rd Floor Mechaical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	70%			2034	* *	4	$8,500	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%	Now	$31,900	2024	$638,000	1	$64,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
No Component	30%							
Heat Rejection								
Remote Air Cond	70%	Now	$481,600	2034	* *	2	$64,200	
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Remote Air Condenser Unit								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,700	
Exhaust Fans								
Interior	60%			2019	$109,100	2	$3,000	
Roof	40%			2024	$52,300	2	$2,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$38,300	2	$2,400	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$24,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

I. S. 195 - M (ECF)

Asset # : 1639

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$86,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Cases								
Explanation : Dry System								
Sprinkler								
No Component	60%							
Generic	40%			2044	* *	1-2	$18,400	
Chemical System								
Wet	10%			2019	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Aqua - Blue . Model Whdr-900								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 2/P. S. 141 - BK**
Address : **655 PARKSIDE AVENUE BTWN: NOSTRAND AVE - ROGERS AVE**
Borough : **BROOKLYN**
Agency's Number : **K002**
Program / Asset # : **BOE0999.000 / 4492**
Yr Built/Renovated : **1994 /**
Area Sq Ft : **131,000**
Project Type : **EDUCATION**
Date of Survey : **11-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **5050** **Lot** : **66**
BIN : **3378201**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$942,700	$145,300
Interior Architecture	$625,300	$273,200
Electrical		$123,700
Mechanical	$165,800	$1,196,300
Total	**$1,733,800**	**$1,738,600**
Importance Code A	$942,700	$145,300
Importance Code B	$528,800	$1,477,500
Importance Code C	$262,400	$115,800
Total	**$1,733,800**	**$1,738,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$99,800			
Interior Architecture	$90,200		$24,700	$24,100
Electrical	$23,100	$10,600	$12,200	$12,100
Mechanical	$34,600	$30,600	$37,600	$28,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$255,500**	**$49,000**	**$82,400**	**$72,900**
Importance Code A	$113,500	$13,800	$13,800	$13,800
Importance Code B	$92,100	$35,300	$68,700	$51,900
Importance Code C	$49,900			$7,200
Total	**$255,500**	**$49,000**	**$82,400**	**$72,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	0-2	$43,200	LIFE	* *	5	$57,600	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : South East Facade								
Metal Panel	10%			2026	$51,800	5-10	$49,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Mechanical Bulkheads								
Pre-Cast Concrete	10%			LIFE	* *	5	$46,800	
Windows								
Aluminum	95%	2-4	$713,100	2051	* *	5	$8,500	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Louvers	5%			2022	$26,700	10	$5,600	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$65,700	
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$21,800	
Pre-Cast Concrete	40%	Now	$3,000	LIFE	* *	5	$26,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Interior Parapet Wall								
Roof								
IRMA/Protected Membrane	70%	Now	$186,400	2031	* *			
Drains Clogged, Extent : Severe, Area Affected : 15%								
Location : North East And North West Roofs								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : At Roof Drains								
Water Penetration, Extent : Severe, Area Affected : 8%								
Location : Bulkhead Stair C2 - North East Side Of Bldg								
Metal Panel	25%	Now	$12,600	2031	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout - Mechanical Bulkheads								
Roll Roofing	5%			2022	$18,400	5	$7,400	
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$136,600	
Ceramic Tile	5%			2039	* *	5	$10,400	
Terrazzo	5%			LIFE	* *	5	$16,300	
Vinyl Tile	65%	Now	$115,000	2031	* *	3	$50,700	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room B112								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Room B112								
Explanation : Water Intruding From Slab And Soil Below								
Wood	10%			2054	* *	5	$39,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$14,500	
Concrete Masonry Unit	50%	0-2	$64,300	LIFE	* *	5	$57,900	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Folding Partition	5%			2042	* *	5	$36,200	
Gypsum Board	10%			LIFE	* *	5-10	$49,200	
SGFT/Glazed Masonry	25%	Now	$140,200	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Stair C2 - Rooftop Level								
Wood	5%			LIFE	* *	5	$115,800	
Ceilings								
AcousTileConcealSpLn	30%	2-4	$9,900	2039	* *	5	$38,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
AcousTileSusp.Lay-In	50%			2039	* *	5	$101,800	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Fl Classroom - East Side Adjacent To Hallway								
Exposed Struc: Steel	15%	Now	$128,700	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 1%								
Location : Stair C2 - Step Before 3rd And 4th Fl Landings								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Stair C2 - From Rooftop Landing								
Gypsum Board	5%			LIFE	* *	5-10	$35,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : (2) 4000 Amps And (2) 3000 Amps Main Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : (3) 1000 Kva 208v-480/277v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$700	
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$40,300	
Generators								
Diesel	100%			2035	* *	1	$50,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 350 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$4,900	
Fuel Storage								
Day Tank	50%			2042	* *	5	$12,900	
Main Tank	50%			2054	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 2000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	87%			2034	* *	10	$111,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2034	* *	10	$12,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2034	* *	10	$100	

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DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$14,700	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank With 7000 Gal Capacity								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$137,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,900	
Terminal Devices								
Convector/Radiator	10%	Now	$131,400	2046	* *	1	$4,000	
Malfunctioning, Extent : Severe, Area Affected : 85%								
Location : Throughout, Defective Steam Traps								
Convector/Radiator	40%			2031	* *	1	$18,000	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse Mechanical Equipment Room								
Explanation : The Air Handlers Are Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	100%			2026	$641,900			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Air Cooled Condensing Unit								
Terminal Devices								
Direct Expansion	100%			2026	$431,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$122,800	
Exhaust Fans								
Interior	80%			2026	$123,000	2	$3,400	
Roof	20%			2026	$22,100	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2046	* *	1		
Galv Iron/Steel	10%			2039	* *	1		
Water Heater								
Gas Fired	100%			2021	$32,300	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 175 Gals Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2026	$13,500	1	$8,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor And The Other From 1st Floor : 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$70,100	
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$9,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 2/P. S. 141 - BK

Asset # : 4492

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 201 - BK (J. H. S. 201 - BK)**				
Address	: **8010 12TH AVE. BTWN: 80 ST, 81 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K201**	
Program / Asset #	: **BOE0496.000 / 6**		**Yr Built/Renovated**	: **1925 / 2015**	
Area Sq Ft	: **107,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Jun-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **6278**	**Lot** : **22**	**BIN**	: **3162973**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$844,600	$369,300
Interior Architecture	$626,600	$1,519,100
Electrical	$319,500	$1,568,300
Mechanical	$118,600	$2,484,400
Total	**$1,909,400**	**$5,941,100**
Importance Code A	$844,600	$411,300
Importance Code B	$933,000	$5,480,500
Importance Code C	$131,800	$49,300
Total	**$1,909,400**	**$5,941,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,100			
Interior Architecture	$73,600		$2,700	$23,800
Electrical	$16,800	$800	$2,400	$900
Mechanical	$27,100	$21,400	$27,300	$17,600
Total	**$182,600**	**$22,100**	**$32,400**	**$42,300**
Importance Code A	$76,900	$11,800	$11,800	$11,800
Importance Code B	$81,600	$10,400	$20,600	$25,500
Importance Code C	$24,100			$5,100
Total	**$182,600**	**$22,100**	**$32,400**	**$42,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$23,800	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	87%	Now	$307,100	LIFE	* *	5	$50,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$1,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Marble	1%			LIFE	* *	5	$900	
Windows								
Aluminum	100%	Now	$454,300	2042	* *	5	$27,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$5,900	LIFE	* *	5	$5,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%	Now	$13,100	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%	Now	$70,000	LIFE	* *	5	$12,100	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$31,800	2026	$318,400			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$4,600	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2029	* *	5	$5,300	
Marble Panels	3%			LIFE	* *	5	$8,000	
Vinyl Tile	40%	Now	$60,600	2026	$606,100	3	$26,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Corridors Throughout								
Vinyl Tile 9" X 9"	44%	Now	$259,100	2021	$863,700	3	$29,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	2-4	$29,400	2054	* *	5	$8,400	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,100	
Ceramic Tile	3%	Now	$16,800	2035	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor, Toilet(s)								
Masonry: Brick	8%			LIFE	* *	10	$4,900	
Marble Panels	3%			LIFE	* *	10	$2,400	
Plaster	81%	Now	$131,800	LIFE	* *	5	$49,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	$11,400	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Ceiling Adjacent To Boilers								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5-10	$144,500	
Plaster	25%			LIFE	* *	5-10	$76,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$175,900	5	$400	
Fused Disc Sw	10%			2036	* *	5		
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	80%			2034	* *	5	$2,300	
Molded Case Bkrs	10%			2025	$17,900	5	$300	
Wiring								
Braided Cloth	80%	2-4	$238,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	40%			2024	$46,000	5	$300	
Locally Mounted	60%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	74%			2021	$978,700	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2031	* *	10	$21,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Bathrooms And Auditorium								
Explanation : T-8 Lamps								
HID	3%			2026	$28,500	10	$100	
Incandescent	3%			2021	$39,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$80,300	10	$14,400	
Exit, Service	50%			2021	$16,100	1		
Exterior Lighting								
Under Construction	100%							
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$8,000	
Fire/Smoke Detection								
No Component	75%							
Generic, Digital	25%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Oil #2 With Tank Of 10,000 Gal								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$117,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2026	$665,000	4	$7,000	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Basement								
Steam Piping/Pump	20%			2046	* *	4	$1,800	
Terminal Devices								
Air Handler	20%			2021	$128,400	1	$14,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	50%			2024	$562,300	1	$19,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2021	$445,700	1	$9,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Baseboard Type Throughout, But Not All Locations								
Explanation : As Supplementary Beside The Radiators								
Fan Coil Unit/Heat	5%	0-2	$89,100	2036	* *	1	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Fresh Air Intake Dampers								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 201 - BK (J. H. S. 201 - BK)

Asset # : 6

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	80%			2024	$195,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$105,100	
Exhaust Fans								
Interior	100%			2021	$131,600	2	$3,600	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$355,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$27,700	2	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 600 Gal Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Unit Serves Boiler And Hot Water Heater Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2036	* *	1-2	$8,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**I. S. 202 - Q (J. H. S. 202 - Q)**			
Address	:	**138-30 LAFAYETTE STREET @ 149TH AVE.**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q202**
Program / Asset #	:	**BOE0843.000 / 973**	**Yr Built/Renovated**	:	**1963 / 2001**
Area Sq Ft	:	**150,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**12-May-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3**			
Block	:	**11403** **Lot** : **1**	**BIN**	:	**4245993**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$233,500	$186,300
Interior Architecture	$94,300	$1,013,700
Electrical	$1,530,900	$2,460,100
Mechanical	$385,100	$3,687,200
Total	**$2,243,800**	**$7,347,400**
Importance Code A	$311,000	$1,003,400
Importance Code B	$1,932,800	$6,294,200
Importance Code C		$49,700
Total	**$2,243,800**	**$7,347,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,400			$9,600
Interior Architecture	$12,400	$34,900	$13,400	$29,200
Electrical	$1,700	$2,200	$3,200	$69,000
Mechanical	$24,400	$22,100	$35,900	$58,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$44,800**	**$63,200**	**$56,400**	**$170,400**
Importance Code A	$2,400	$15,800	$15,800	$25,700
Importance Code B	$42,400	$47,400	$40,700	$144,700
Importance Code C				
Total	**$44,800**	**$63,200**	**$56,400**	**$170,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	25%			LIFE	* *	5	$85,900	
Masonry: Brick	70%			LIFE	* *	5	$51,300	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	95%	Now	$76,600	2041	* *	5	$9,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%	Now	$2,400	LIFE	* *	5	$600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Parapets								
Metal: Cage/Fence	100%	2-4	$60,400	2030	* *	5	$49,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	3%			2040	* *	10	$9,600	
IRMA/Protected Membrane	95%	Now	$96,600	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Exit 11								
Modified Bitumen	2%			2025	$14,800	10	$2,600	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$12,400	LIFE	* *	5	$52,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Stair Treads								
Ceramic Tile	3%			2038	* *	5	$7,200	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	30%			2033	* *	3	$26,800	
Vinyl Tile	45%			2025	$911,900	3	$40,200	
Wood	10%			2053	* *	5	$44,700	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$13,300	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$49,700	
SGFT/Glazed Masonry	35%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$58,300	
AcousTileSusp.Lay-In	5%	0-2	$94,300	2045	* *	5	$5,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Room B-25								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room B-25								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Room B-25								
Exposed Concrete	45%			LIFE	* *	5	$16,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	* *			
Plaster	15%			LIFE	* *	5	$21,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$110,000	5	$300	
Fused Disc Sw	50%			2045	* *	5	$300	
Raceway								
Conduit	80%			2025	$198,000	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Molded Case Bkrs	70%			2024	$157,000	5	$2,800	
Molded Case Bkrs	20%			2041	* *	5	$800	
Wiring								
Braided Cloth	80%	2-4	$277,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$1,697,900	10	$140,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2020	$25,400	10	$100	
Incandescent	2%			2020	$35,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$107,400	10	$19,200	
Exit, Service	50%			2020	$21,500	1		
Exterior Lighting								
HID	100%			2020	$566,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$16,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$543,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$49,300	
Conversion Equipment								
Steam Boiler	100%	Now	$77,500	2023	$775,100	1	$141,900	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$111,200	2025	$1,111,800	4	$7,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Rooms # B32 & B34								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : F & T Traps And Vaccum Pumps In Basement								
Terminal Devices								
Air Handler	20%			2025	$171,700	1	$19,700	
Convector/Radiator	80%			2023	$1,203,200	1	$41,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 202 - Q (J. H. S. 202 - Q)

Asset # : 973

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2023	$102,500	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 2 Units For Room # B31								
Window/Wall Unit	60%			2020	$196,400	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,800	
Exhaust Fans								
Interior	25%			2025	$44,000	2	$1,200	
Roof	75%	Now	$9,500	2025	$94,900	2	$2,900	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Covers, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$95,100	1		
HW Heat Exchanger								
Low Temp	100%			2025	$49,400	4	$23,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 203 - BX FORMER (I.S. 183 - BX)**		
Address	: **339 MORRIS AVENUE @E. 140 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X203**
Program / Asset #	: **BOE0308.000 / 368**	**Yr Built/Renovated**	: **1974 / 2003**
Area Sq Ft	: **162,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **2333** **Lot** : **70**	**BIN**	: **2000957**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$210,500	$580,400
Interior Architecture	$920,800	$1,907,400
Electrical	$1,293,900	$2,715,900
Mechanical	$601,800	$627,800
Total	**$3,027,100**	**$5,831,400**
Importance Code A	$210,500	$580,400
Importance Code B	$2,146,500	$5,150,700
Importance Code C	$670,000	$100,300
Total	**$3,027,100**	**$5,831,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$11,100	
Interior Architecture	$49,300		$14,500	$25,700
Electrical	$16,600	$22,100	$15,800	$15,200
Mechanical	$72,100	$99,700	$45,200	$35,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$141,900**	**$125,700**	**$90,600**	**$80,400**
Importance Code A	$17,000	$17,400	$28,100	$17,000
Importance Code B	$124,900	$108,400	$62,500	$63,400
Importance Code C				
Total	**$141,900**	**$125,700**	**$90,600**	**$80,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%	Now	$100,400	LIFE	* *	5	$444,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Ground Water								
Windows								
Aluminum	100%			2039	* *	5	$22,200	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$135,500	
Roof								
Built-Up (BUR)	100%			2028	* *	10	$110,100	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$13,400	LIFE	* *	5	$56,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%			2039	* *	5	$29,000	
Vinyl Tile	80%			2023	$1,750,800	3	$103,000	
Wood	5%	Now	$169,800	2051	* *	5	$12,100	
Loose Units, Extent : Moderate, Area Affected : 80%								
Location : Gymnasium Throughout								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 80%								
Location : Gymnasium Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$113,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Windows In Room 112								
Concrete Masonry Unit	70%	Now	$556,700	LIFE	* *	5	$100,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair F Backstage								
Gypsum Board	10%			LIFE	* *	5	$21,500	
Metal Panel	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$50,400	
AcousTileSusp.Lay-In	10%	Now	$10,200	2028	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%	Now	$81,000	LIFE	* *	5	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$23,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$700	
Raceway								
Conduit	50%			2023	$123,700	1		
Conduit	50%			2043	* *	1		
Panelboards								
Fused Disc Sw	30%			2022	$76,200	5	$1,100	
Molded Case Bkrs	40%			2022	$101,600	5	$1,700	
Molded Case Bkrs	30%			2039	* *	5	$1,300	
Wiring								
Thermoplastic	50%			2023	$173,700	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$500	
Locally Mounted	50%			2021	$57,600	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gas Meter Room								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$49,800	
Generators								
Natural Gas	100%			2019	$121,400	1	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 95 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,000	
Fuel Storage								
Main Tank	100%			2026	$20,800	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$1,852,900	10	$153,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	3%			2018	$57,300	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Exit, Service	50%			2023	$23,200	1		
Exit, Battery	50%			2023	$79,100	10	$5,800	
Exterior Lighting								
HID	100%			2018	$611,800	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$98,000	1	$12,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$503,400	1-3	$30,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$53,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$170,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$60,000	2033	* *	4	$8,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,700	2023	$185,400	1	$19,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	80%			2028	* *	1	$44,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$23,300	2023	$116,700	1	$14,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Window/Wall Unit	70%			2018	$247,500	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2033	* *	4	$2,500	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2023	$244,900	1	$21,300	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2018	$184,900	2	$24,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,900	
Exhaust Fans								
Interior	20%			2023	$38,000	2	$1,100	
Roof	80%	Now	$5,500	2018	$109,400	2	$3,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$10,300	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%	Now	$1,100	2033	* *	4	$17,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Low Temp Tank - Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 203 - BX FORMER (I.S. 183 - BX)

Asset # : 368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$86,700	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 206B - BX**		
Address	: **2280 AQUEDUCT AVENUE @W. 183 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X206**
Program / Asset #	: **BOE0314.000 / 372**	**Yr Built/Renovated**	: **1980 / 2007**
Area Sq Ft	: **42,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,p**		
Block	: **3209** **Lot** : **1**	**BIN**	: **2086823**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$97,900	$560,500
Electrical		$328,800
Mechanical		$352,800
Total	**$97,900**	**$1,242,100**
Importance Code B		$1,078,800
Importance Code C	$97,900	$163,400
Total	**$97,900**	**$1,242,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$6,400		$2,600
Interior Architecture	$49,400			$12,400
Electrical	$2,000	$6,500	$800	$900
Mechanical	$55,400	$30,700	$14,200	$11,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$110,800**	**$47,400**	**$18,900**	**$31,100**
Importance Code A	$4,300	$10,900	$4,400	$7,000
Importance Code B	$100,100	$36,600	$14,500	$24,100
Importance Code C	$6,400			
Total	**$110,800**	**$47,400**	**$18,900**	**$31,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$16,400	
Metal Panel	5%			2043	* *	5-10	$7,100	
Pre-Cast Concrete	15%			LIFE	* *	5	$10,000	
Windows								
Aluminum	97%			2045	* *	5	$5,200	
Metal Louvers	3%			2032	* *	10	$1,000	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$2,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	50%			LIFE	* *	5	$13,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2031	* *	10	$33,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2058	* *	10	$4,500	
Interior								
Floors								
Cast in Place Concrete	20%	Now	$6,900	LIFE	* *	5	$29,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	Now	$1,900	2032	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2031	* *	5	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Recent Installation								
Terrazzo	2%			LIFE	* *	5	$1,000	
Vinyl Tile	70%			2023	$397,200	3	$23,400	
Interior Walls								
Ceramic Tile	5%	Now	$6,400	2026	$128,100	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	95%	Now	$97,900	LIFE	* *	5	$35,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	55%	Now	$16,700	2028	* *	5	$18,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTile,Adhered	20%			2040	* *	5	$13,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Third Floor								
AcousTileConcealSpLn	22%	Now	$11,600	2028	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	3%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$200	
Raceway								
Conduit	95%			2043	* *	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2031	* *	5	$100	
Fused Knife Sw	1%	2-4	$1,000	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	64%			2031	* *	5	$700	
Molded Case Bkrs	20%			2039	* *	5	$200	
Wiring								
Thermoplastic	90%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	* *	5	$300	
Motor Control Center	10%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$39,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	3%			2023	$14,900	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$5,400	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$158,600	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$130,500	1-3	$8,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	Now	$4,300	2028	* *	1	$39,700	
Malfunctioning, Extent : Light, Area Affected : 2%								
Location : Flue Damper Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,600	2033	* *	4	$2,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Terminal Devices								
Convector/Radiator	20%			2028	* *	1	$2,900	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Fan Room								
Explanation : Covered Under A C System								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$20,700	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Chiller								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit								
Distribution								
Chilled Wtr Pipe/Pump	100%			2049	* *	4	$3,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	$352,800	1	$27,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$19,200	LIFE	* *	2-5	$24,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Fan Room And Throughout								
Exhaust Fans								
Interior	70%			2023	$34,500	2	$1,000	
Roof	30%			2023	$10,600	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2049	* *	4	$6,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$6,700	2018	$6,700	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$22,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 206B - BX

Asset # : 372

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 210 - Q**		
Address	: **93-11 101 AVENUE BTWN: 93 ST., 94 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q210**
Program / Asset #	: **BOE0850.000 / 1508**	**Yr Built/Renovated**	: **1966 / 2014**
Area Sq Ft	: **156,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9067** **Lot** : **1**	**BIN**	: **4188567**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$163,400	$163,400
Interior Architecture	$382,400	$2,025,200
Electrical	$243,200	$1,904,600
Mechanical	$77,300	$449,800
Total	**$866,300**	**$4,543,100**
Importance Code A	$199,700	$197,000
Importance Code B	$552,800	$4,304,700
Importance Code C	$113,800	$41,400
Total	**$866,300**	**$4,543,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,900		$44,400	
Interior Architecture	$121,000		$36,800	$43,600
Electrical	$65,100	$1,700	$2,200	$3,400
Mechanical	$41,500	$28,000	$41,100	$36,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$277,400**	**$37,600**	**$132,400**	**$90,900**
Importance Code A	$42,800	$15,600	$60,000	$15,600
Importance Code B	$182,900	$22,100	$50,900	$58,100
Importance Code C	$51,700		$21,500	$17,200
Total	**$277,400**	**$37,600**	**$132,400**	**$90,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$120,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Brick Cavity	10%			LIFE	* *	5	$17,100	
Pre-Cast Concrete	20%			LIFE	* *	5	$111,400	
Windows								
Aluminum	95%			2042	* *	5	$20,300	
Under Construction	5%							
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$78,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%			2046	* *	5	$2,400	
Metal Rail	25%			2039	* *	5-10	$57,100	
Pre-Cast Concrete	40%			LIFE	* *	5	$63,600	
Roof								
Metal Panel	5%			2039	* *	10	$9,700	
Modified Bitumen	20%			2036	* *	10	$21,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1997 Wing								
Under Construction	75%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$108,400	
Ceramic Tile	5%			2035	* *	5	$12,400	
Terrazzo	5%			LIFE	* *	5	$19,400	
Vinyl Tile	10%			2031	* *	3	$9,300	
Vinyl Tile 9" X 9"	65%			2021	$1,774,600	3	$80,600	
Wood	5%	Now	$81,700	2041	* *	5	$11,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	$34,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$41,400	
Folding Partition	5%			2034	* *	5	$43,100	
Gypsum Board	10%			LIFE	* *	5-10	$58,600	
Masonry: Brick	5%			LIFE	* *	10	$5,200	
Plaster	40%			LIFE	* *	5-10	$117,200	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$25,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2031	* *	5	$75,800	
AcousTileSusp.Lay-In	10%			2039	* *	5	$24,300	
Exposed Concrete	50%			LIFE	* *	5-10	$151,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$24,300	
Fiber Board	5%			2026	$79,200			
Metal Panel	5%			LIFE	* *	5	$30,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2026	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Eectrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Fused Disc Sw	40%			2026	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$11,200	5	$200	
Fused Disc Sw	5%			2042	* *	5	$200	
Fused Toggle Switch	5%	2-4	$11,200	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	75%			2025	$168,200	5	$3,100	
Molded Case Bkrs	10%			2042	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2026	$69,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2024	$103,600	5	$900	
Locally Mounted	10%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	80%			2034	* *	10	$121,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	17%			2021	$312,700	10	$25,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Fluorescent	1%			2026	$18,400	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	1%			2021	$13,200	10	$100	
Incandescent	1%			2021	$18,400	2		
Egress Lighting								
Emergency, Battery	40%			2021	$89,300	10	$16,000	
Emergency, Battery	10%			2031	* *	10	$4,000	
Exit, LED	10%			2054	* *	1		
Exit, Service	40%			2021	$17,900	1		
Exterior Lighting								
HID	100%			2021	$589,200	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells, Horns								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	90%			2036	* *	5	$46,200	
Natural Gas	10%			2046	* *	1		
Conversion Equipment								
Furnace	10%			2031	* *	1	$8,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : New Wing Roof								
Explanation : 3 Rtus Providing Heat & Air Conditioning								
Steam Boiler	90%	Now	$36,300	2031	* *	1	$132,800	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : #2 Boiler, Basement								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	90%			2036	* *	4	$7,300	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : Vacuum Pump, Basement								
No Component	10%							
Terminal Devices								
Air Handler	25%			2021	$223,200	1	$25,600	
Convector/Radiator	65%			2031	* *	1	$34,800	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2031	* *	2	$1,000	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : 3 Units, New Wing Roof								
Window/Wall Unit	5%			2021	$17,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$146,200	
Exhaust Fans								
Interior	30%			2021	$54,900	2	$1,500	
Roof	70%			2026	$92,200	2	$3,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$38,500	2	$2,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 210 - Q

Asset # : 1508

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2036	* *	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2031	* *	1	$10,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) 1-4 (1) 1-2								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	90%							
Generic	10%			2046	* *	1-5	$8,300	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$4,600	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

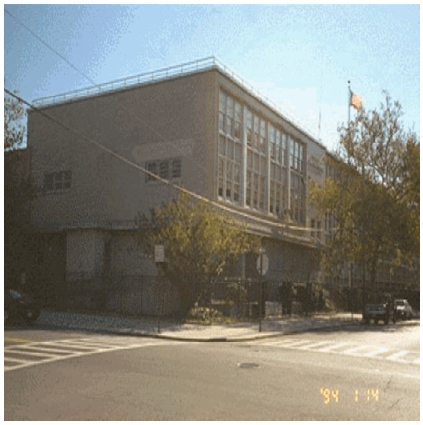
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 211 - BK (J. H. S. 211 - BK)**		
Address	: **1001 EAST 100 STREET BTWN: AVE. J, AVE. K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K211**
Program / Asset #	: **BOE0506.000 / 2745**	**Yr Built/Renovated**	: **1958 / 2013**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8227** **Lot** : **1**	**BIN**	: **3326732**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$581,700	$304,700
Interior Architecture	$952,200	$1,037,300
Electrical	$393,200	$1,451,500
Mechanical	$820,900	$941,300
Total	**$2,748,000**	**$3,734,900**
Importance Code A	$1,312,900	$346,700
Importance Code B	$1,355,700	$3,344,800
Importance Code C	$79,400	$43,300
Total	**$2,748,000**	**$3,734,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,500		$21,400	$600
Interior Architecture	$146,300		$69,300	$29,900
Electrical	$2,200	$1,700	$1,600	$3,200
Mechanical	$29,500	$32,800	$34,600	$24,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$204,400**	**$38,400**	**$130,800**	**$62,200**
Importance Code A	$22,500	$14,900	$36,300	$15,500
Importance Code B	$135,500	$23,600	$78,100	$44,100
Importance Code C	$46,400		$16,400	$2,600
Total	**$204,400**	**$38,400**	**$130,800**	**$62,200**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	60%			LIFE	* *	5	$153,600	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal/Glass Curt Wall	33%			LIFE	* *	5	$158,400	
Granite Panels	5%			LIFE	* *	5	$9,600	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : West Facade								
Panel/Paver: Limestone	2%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%	Now	$425,700	2042	* *	5	$25,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Copper/Terne	5%			2070	* *	5	$1,200	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$16,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	40%			2039	* *	5-10	$35,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Roof								
Copper/Terne	5%			2061	* *	10	$19,600	
Modified Bitumen	95%			2034	* *	10	$148,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$49,200	
Ceramic Tile	5%			2035	* *	5	$11,200	
Terrazzo	3%			LIFE	* *	5	$10,500	
Vinyl Tile	52%			2026	$994,000	3	$58,500	
Vinyl Tile 9" X 9"	25%	Now	$619,100	2036	* *	3	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria And Corridors								
Wood	10%			2054	* *	5	$42,200	
Interior Walls								
Ceramic Tile	2%			2035	* *	5	$5,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,000	
Folding Partition	5%			2034	* *	5	$32,800	
Marble Panels	3%			LIFE	* *	10	$3,100	
Plaster	55%			LIFE	* *	5-10	$122,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2039	* *	5	$63,600	
AcousTileConcealSpLn	10%	Now	$164,700	2046	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Basement Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
AcousTileSusp.Lay-In	5%			2031	* *	5	$10,200	
Exposed Concrete	40%			LIFE	* *	5-10	$101,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$20,400	
Metal Panel	5%			LIFE	* *	5	$25,400	
Plaster	10%			LIFE	* *	5-10	$35,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$219,900	5	$3,700	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	90%			2025	$201,800	5	$3,300	
Molded Case Bkrs	5%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%	2-4	$80,600	2046	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	30%			2043	* *	5	$300	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulations								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$135,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$101,300	10	$18,100	
Exit, Service	50%			2026	$20,300	1		
Exterior Lighting								
HID	100%			2021	$528,700	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Strobe Lights, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$46,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : Temporary Steam Boiler Being Used								

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DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$731,200	2046	* *	1	$133,900	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 3 Units, Basement Boiler Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : 1 Temporary Steam Boiler Being Used. Boiler Room Is Scheduled To Be Renovated								
Distribution								
Steam Piping/Pump	100%	Now	$52,400	2036	* *	4	$7,400	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Cafeteria Fan Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,200	2026	$162,000	1	$16,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Various								
Convector/Radiator	80%			2031	* *	1	$38,800	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$2,500	2026	$51,000	1	$6,300	
Not in Service, Extent : Moderate, Area Affected : 3%								
Location : 1 Out Of 3, Outside								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 3 Units, Outside Of The Building								
Window/Wall Unit	60%			2021	$185,300	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	10%			2026	$81,000	1	$4,900	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2026	$62,800	2	$10,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$132,600	
Exhaust Fans								
Interior	40%			2026	$66,400	2	$1,800	
Roof	60%	Now	$7,200	2026	$71,600	2	$2,200	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Roof								

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DEPARTMENT OF EDUCATION - 040

I. S. 211 - BK (J. H. S. 211 - BK)

Asset # : 2745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$89,700	1		
Water Heater								
Gas Fired	100%			2025	$34,900	2	$2,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2026	$46,600	4	$22,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$87,700	1-2	$2,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 218 - BK**
Address : **370 FOUNTAIN AVENUE BTWN: BLAKE AVE - DUMONT AVE**
Borough : **BROOKLYN** | **Agency's Number** : **K218**
Program / Asset # : **BOE0513.000 / 1294** | **Yr Built/Renovated** : **1964 / 1997**
Area Sq Ft : **151,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Jan-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4278** **Lot** : **1** | **BIN** : **3095977**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,126,500	$204,800
Interior Architecture	$1,255,500	$217,600
Electrical	$1,190,100	$748,200
Mechanical		$704,700
Total	**$3,572,100**	**$1,875,300**
Importance Code A	$1,126,500	$246,800
Importance Code B	$2,252,300	$1,573,400
Importance Code C	$193,300	$55,100
Total	**$3,572,100**	**$1,875,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$72,100		$9,300	
Interior Architecture	$6,400	$27,700		$7,500
Electrical	$15,600	$41,500	$15,000	$14,800
Mechanical	$24,200	$23,100	$32,100	$23,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$122,300**	**$96,300**	**$60,400**	**$50,200**
Importance Code A	$88,000	$16,200	$25,200	$15,900
Importance Code B	$34,300	$80,100	$35,200	$34,300
Importance Code C				
Total	**$122,300**	**$96,300**	**$60,400**	**$50,200**

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%	Now	$27,100	LIFE	* *	5	$38,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%	Now	$200,200	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	40%			2043	* *	5-10	$228,100	
Granite Panels	2%			LIFE	* *	5	$1,200	
Panel/Paver: Limestone	3%			LIFE	* *	5	$1,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Main Entry								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,500	
Windows								
Aluminum	90%			2039	* *	5	$18,600	
Aluminum	10%	0-2	$86,500	2048	* *	5	$1,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$4,900	
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Metal: Cage/Fence	50%	4+	$24,300	2028	* *	5	$19,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	5%	Now	$20,700	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead, Throughout								
IRMA/Protected Membrane	95%	0-2	$777,600	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Roof Over First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,500	
Ceramic Tile	3%			2032	* *	5	$7,200	
Terrazzo	2%			LIFE	* *	5	$3,700	
Vinyl Tile	55%			2033	* *	3	$49,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Stairs And First Floor Cooridor								
Vinyl Tile	25%	0-2	$510,000	2033	* *	3	$22,500	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors, Throughout 9x9 Tiles								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
Wood	5%			2038	* *	5	$22,500	
Interior Walls								
Ceramic Tile	5%	0-2	$46,100	2032	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,700	
Folding Partition	5%			2031	* *	5	$41,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%	Now	$147,300	LIFE	* *	5	$55,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$436,600	2043	* *	5	$23,500	
Adhesion Failure, Extent : Moderate, Area Affected : 60%								
Location : Basement And First Floor Corridors								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement And First Floor Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Basement And First Floor Corridors								
AcousTileSusp.Lay-In	3%	4+	$2,800	2028	* *	5	$3,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	75%	Now	$115,600	LIFE	* *	5	$110,000	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2023	$164,900	5	$500	
Fused Disc Sw	25%			2033	* *	5	$200	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2049	* *	1		
Panelboards								
Molded Case Bkrs	70%			2022	$157,000	5	$2,800	
Molded Case Bkrs	30%			2045	* *	5	$1,200	
Wiring								
Braided Cloth	50%	2-4	$173,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$69,500	1		
Thermoplastic	30%			2049	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$800	
Locally Mounted	20%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$46,500	
Generators								
Diesel	100%			2019	$121,400	1	$58,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 125 Kva Onan Genset								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$5,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fuel Storage								
Main Tank	100%			2026	$19,400	5	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using 200 Gals								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$132,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2018	$64,000	10	$300	
Incandescent	5%			2018	$89,000	2	$200	
Egress Lighting								
Emergency, Service	50%			2018	$39,400	1		
Exit, Service	50%			2018	$21,600	1		
Exterior Lighting								
HID	100%			2018	$570,300	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$11,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$27,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$158,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$7,900	
Terminal Devices								
Air Handler	20%			2023	$172,900	1	$19,800	
Convector/Radiator	80%			2028	* *	1	$41,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$82,400	1		
No Component	75%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040

I. S. 218 - BK

Asset # : 1294

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$22,300	
No Component	75%							
Exhaust Fans								
Interior	30%			2023	$53,200	2	$1,500	
Roof	20%			2023	$25,500	2	$1,000	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2043	* *	1		
Galv Iron/Steel	75%			2021	$359,000	1		
Water Heater								
Gas Fired	100%			2021	$37,300	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$15,500	1	$9,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 218 - M**		
Address	: **4600 BROADWAY @ W.196TH ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M218**
Program / Asset #	: **BOE0974.000 / 2889**	**Yr Built/Renovated**	: **1992 / 2012**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2172** **Lot** : **16**	**BIN**	: **1076756**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$150,200	$849,000
Interior Architecture	$95,200	$284,700
Electrical	$168,700	$706,600
Mechanical	$286,400	$103,300
Total	**$700,500**	**$1,943,500**
Importance Code A	$150,200	$849,000
Importance Code B	$550,300	$990,100
Importance Code C		$104,400
Total	**$700,500**	**$1,943,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,100		$11,200	
Interior Architecture	$43,300	$8,000		$30,200
Electrical	$33,700	$17,100	$21,300	$18,000
Mechanical	$66,700	$39,300	$64,000	$43,900
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$190,600**	**$79,200**	**$111,300**	**$107,000**
Importance Code A	$50,500	$18,400	$30,000	$18,400
Importance Code B	$140,000	$56,900	$81,300	$88,600
Importance Code C		$3,900		
Total	**$190,600**	**$79,200**	**$111,300**	**$107,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$98,000	
Repairs in Progress, Extent : Light, Area Affected : 30%								
Location : East Facade								
Pre-Cast Concrete	5%			LIFE	* *	5	$16,800	
Windows								
Aluminum	90%			2049	* *	5	$22,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%	Now	$6,200	LIFE	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Metal Louvers	5%			2033	* *	10	$7,800	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$8,900	
Metal Rail	20%			2037	* *	5-10	$42,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
IRMA/Protected Membrane	95%	Now	$150,200	2024	$751,000			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : Over Fifth Floor								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Over Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 428 And 430								
Skylight, Metal/Glass	5%			2044	* *	10	$16,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,400	
Ceramic Tile	3%			2033	* *	5	$8,300	
Vinyl Tile	87%			2029	* *	3	$120,900	
Wood	5%			2052	* *	5	$26,100	
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$7,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,700	
Gypsum Board	45%			LIFE	* *	5	$104,400	
Metal Panel	10%			LIFE	* *			
SGFT/Glazed Masonry	38%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2037	* *	5	$190,500	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$85,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 2-4000 Amperes And 1-2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$800	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	20%			2029	* *	5	$200	
Motor Control Center	80%			2029	* *	5	$3,800	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$53,800	
Generators								
Diesel	100%			2027	* *	1	$67,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rating 300 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$6,500	
Fuel Storage								
Day Tank	50%			2032	* *	5	$17,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2039	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Nameplate Rating Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$165,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2029	* *	10	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	1%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2024	$45,700	1		
Exit, Service	50%			2024	$25,100	1		
Exterior Lighting								
HID	100%			2024	$660,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$19,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$33,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : Changing From #6 To #4 Oil Is In Progress								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$184,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$13,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$8,000	2029	* *	1	$41,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Flexible Connections - 5th Floor Mech. Equip. Rm.								
Convector/Radiator	60%			2037	* *	1	$36,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2024	$31,500	1	$4,300	
Window/Wall Unit	75%	Now	$28,600	2019	$286,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	5%			2024	$57,200	1	$3,000	
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2024	$14,800	2	$6,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,600	
Exhaust Fans								
Interior	90%			2029	* *	2	$5,100	
Roof	10%			2024	$14,800	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$18,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$18,000	1	$11,400	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 218 - M

Asset # : 2889

Mechanical System Component Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-5 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2034	* *	1-5	$56,200	
Sprinkler								
No Component	60%							
Generic	40%			2034	* *	1-2	$20,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 219 - BX NEW VENTURE SCHOOL (X219)**		
Address	: **3630 THIRD AVENUE BTWN: E.169 ST. - E.170 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X148**
Program / Asset #	: **BOE0285.000 / 383**	**Yr Built/Renovated**	: **1967 / 2009**
Area Sq Ft	: **157,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2925** **Lot** : **1**	**BIN**	: **2009611**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,163,100	$334,800
Interior Architecture	$1,296,200	$116,000
Electrical	$1,682,300	$2,450,900
Mechanical	$236,800	$919,400
Total	**$4,378,500**	**$3,821,100**
Importance Code A	$1,163,100	$364,200
Importance Code B	$2,965,200	$3,395,500
Importance Code C	$250,100	$61,400
Total	**$4,378,500**	**$3,821,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,300	$8,600		
Interior Architecture	$65,600	$13,000	$21,800	$2,200
Electrical	$7,000	$32,000	$5,300	$5,200
Mechanical	$97,500	$23,800	$39,500	$24,600
Total	**$194,300**	**$77,400**	**$66,600**	**$32,000**
Importance Code A	$40,800	$25,500	$16,500	$16,500
Importance Code B	$111,900	$39,000	$50,100	$15,500
Importance Code C	$41,600	$13,000		
Total	**$194,300**	**$77,400**	**$66,600**	**$32,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 - BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$24,300	LIFE	* *	5	$43,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%	Now	$42,300	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : West Facade								
Masonry: Brick	85%	Now	$221,200	LIFE	* *	5	$73,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$899,700	2048	* *	5	$10,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$111,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	15%			2028	* *	5-10	$14,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%			2033	* *	10	$106,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 219 - BX NEW VENTURE SCHOOL (X219)
Asset # : 383

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$5,200	LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$43,500	2032	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	7%	Now	$14,800	2018	$148,500	3	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	70%			2028	* *	3	$65,500	
Wood	10%	Now	$164,500	2038	* *	5	$23,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$14,400	2032	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	7%	Now	$10,800	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	3%			2048	* *	5	$26,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout - 100% Replaced								
Glazed Ceramic Panel	3%	Now	$16,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	59%	Now	$82,100	LIFE	* *	5	$61,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$168,000	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 219 - BX NEW VENTURE SCHOOL (X219)
Asset # : 383

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	4+	$453,900	2043	* *	5	$24,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	10%	Now	$3,900	2028	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	60%	Now	$235,600	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$15,300	

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$500	
Molded Case Bkrs	75%			2022	$168,200	5	$3,100	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$1,100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 - BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	82%			2023	$1,518,000	10	$125,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Lobby								
Explanation : T-8 Lamps								
HID	3%			2023	$39,900	10	$200	
Incandescent	10%			2018	$185,100	2	$400	
Egress Lighting								
Emergency, Battery	40%			2028	* *	10	$16,100	
Emergency, Battery	10%			2018	$22,500	10	$4,000	
Exit, Service	40%			2028	* *	1		
Exit, Service	10%			2018	$4,500	1		
Exterior Lighting								
HID	100%			2018	$592,900	10	$500	
Alarm								
Security System								
No Component	65%							
Generic	35%			2031	* *	1	$20,500	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$569,100	1-3	$33,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$82,100	2033	* *	5	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$165,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 - #6 Oil Burning Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 - BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	25%	Now	$5,800	2033	* *	4	$2,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement Corridor, Condensate Return Line								
Steam Piping/Pump	20%	Now	$4,700	2033	* *	4	$1,600	
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room, Defective Vaccuum Pump Seals, Defective Pump Bearings								
Steam Piping/Pump	5%	Now	$58,200	2053	* *	4	$400	
Steam Traps Faulty, Extent : Light, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	50%			2033	* *	4	$6,200	
Terminal Devices								
Air Handler	5%	Now	$44,900	2033	* *	1	$4,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms, Defective Temperature Controls System								
Air Handler	15%			2023	$134,800	1	$15,500	
Convector/Radiator	10%	Now	$31,500	2036	* *	1	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Defective Temperature Control System, Defective Temperature Control Compressor								
Convector/Radiator	70%			2028	* *	1	$37,700	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$41,100	2021	$102,800	1		
Damaged, Extent : Severe, Area Affected : 100%								
Location : Throughout, Vandalized A/c Units On First And Second Floor								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,900	
Exhaust Fans								
Interior	20%			2023	$36,800	2	$1,000	
Roof	80%	Now	$31,800	2023	$106,000	2	$3,300	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$497,700	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$24,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 219 - BX NEW VENTURE SCHOOL (X219)

Asset # : 383

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Street, Inoperable								
Explanation : 1 Freight Lift								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2033	* *	1-2	$14,000	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 22 - BX**
Address : **E. 167 STREET & COLLEGE AVENUE BTWN: MORRIS AVE., COLLEGE AVE**
Borough : **BRONX** | **Agency's Number** : **X022**
Program / Asset # : **BOE0170.000 / 500** | **Yr Built/Renovated** : **1949 / 2012**
Area Sq Ft : **132,000** | **Project Type** : **EDUCATION**
Date of Survey : **12-Feb-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2438** **Lot** : **50** | **BIN** : **2002410**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$583,000	$45,400
Interior Architecture	$648,400	$1,064,800
Electrical	$2,122,600	$750,100
Mechanical	$60,400	$403,900
Total	**$3,414,400**	**$2,264,200**
Importance Code A	$583,000	$45,400
Importance Code B	$2,766,200	$2,170,100
Importance Code C	$65,200	$48,800
Total	**$3,414,400**	**$2,264,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,000			$12,900
Interior Architecture	$84,300		$3,800	$20,600
Electrical	$23,900	$1,700	$2,800	$32,500
Mechanical	$34,900	$21,400	$37,300	$67,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$162,100**	**$27,100**	**$47,800**	**$137,400**
Importance Code A	$29,600	$14,500	$14,500	$28,100
Importance Code B	$132,500	$12,600	$29,500	$109,400
Importance Code C			$3,800	
Total	**$162,100**	**$27,100**	**$47,800**	**$137,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$45,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$2,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Slate Panels	5%			LIFE	* *	5	$2,000	
Windows								
Aluminum	90%	Now	$113,500	2041	* *	5	$27,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass Block	5%	Now	$15,000	LIFE	* *	5	$1,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Steel	5%	0-2	$157,200	2050	* *	5	$18,800	1
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$25,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2030	* *	10	$122,200	
Copper/Terne	4%			2040	* *	10	$12,900	
Skylight, Metal/Glass	1%	Now	$190,100	2055	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : 3 - Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$11,400	LIFE	* *	5	$48,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	2-4	$6,400	2034	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	40%	Now	$74,800	2025	$747,700	3	$33,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	20%			2035	* *	3	$22,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$72,600	2020	$363,200	3	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	10%	Now	$72,500	2040	* *	5	$20,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 90%								
Location : Throughout East And West Gymnasiums								
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Around Water Fountain In West Gymnasium								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$7,500	
Glazed Ceramic Panel	2%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$65,200	LIFE	* *	5	$48,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	Now	$26,600	2030	* *	5	$20,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Fiber Board	8%	Now	$34,400	2025	$114,700			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	77%			LIFE	* *	5	$105,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2025	$31,500	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps, One 1600 Amps And One 1200 Amps Main Disconnect Switch								
Molded Case Bkrs	25%			2025	$10,500	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 250 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$219,900	5	$600	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Fused Knife Sw	10%	2-4	$22,400	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Molded Case Bkrs	15%			2041	* *	5	$500	
Molded Case Bkrs	65%			2024	$145,700	5	$2,300	
Wiring								
Braided Cloth	60%	2-4	$208,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	30%			2025	$104,200	1		
Motor Controllers								
Locally Mounted	50%			2023	$57,600	5	$400	
Locally Mounted	50%	0-2	$57,600	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	60%			2030	* *	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : 2nd & 3rd Floors								
Explanation : Using T-8 Lamps								
Fluorescent	35%			2020	$571,000	10	$47,100	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Basement, 1st Floor & Stairway								
Explanation : T-12 Lamps								
Incandescent	5%			2020	$81,600	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$99,100	10	$17,700	
Exit, Service	20%			2030	* *	1		
Exit, Service	30%			2020	$11,900	1		
Exterior Lighting								
HID	100%			2020	$498,500	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$14,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$478,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2045	* *	5	$45,500	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$145,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$7,200	
Terminal Devices								
Air Handler	30%			2025	$237,600	1	$27,300	
Convector/Radiator	70%			2030	* *	1	$33,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$60,400	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,900	
Exhaust Fans								
Interior	80%			2025	$129,900	2	$3,600	
Roof	20%	Now	$4,700	2020	$23,400	2	$700	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 22 - BX

Asset # : 500

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2024	$34,200	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2045	* *	4	$21,800	
Obsolete Equipment, Extent : Severe, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2035	* *	1-2	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 220 - BK (J. H. S. 220 - BK)**		
Address	**: 4812 9TH AVE. BTWN: 48 ST., 49 ST.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K220**
Program / Asset #	**: BOE0515.000 / 2547**	**Yr Built/Renovated**	**: 1925 / 2015**
Area Sq Ft	**: 109,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 29-Apr-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 778 Lot : 23**	**BIN**	**: 3012824**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$581,300	$429,100
Interior Architecture	$2,025,700	$211,100
Electrical	$238,700	$1,369,800
Mechanical	$30,100	$337,000
Total	**$2,875,800**	**$2,347,000**
Importance Code A	$581,300	$471,100
Importance Code B	$2,178,400	$1,832,500
Importance Code C	$116,000	$43,400
Total	**$2,875,800**	**$2,347,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,100			
Interior Architecture	$97,100		$9,700	$10,200
Electrical	$19,600	$800	$1,200	$1,900
Mechanical	$33,100	$26,700	$29,700	$24,400
Total	**$190,800**	**$27,500**	**$40,600**	**$36,500**
Importance Code A	$53,100	$12,000	$12,000	$12,000
Importance Code B	$111,900	$15,500	$23,400	$24,500
Importance Code C	$25,800		$5,200	
Total	**$190,800**	**$27,500**	**$40,600**	**$36,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$46,600	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$107,300	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$1,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Marble	3%	Now	$215,100	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Front Steps								
Windows								
Aluminum	100%	Now	$231,400	2034	* *	5	$27,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$95,100	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed Below, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$18,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2026	$308,100	10	$67,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$8,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$9,100	
Marble Panels	5%			LIFE	* *	5	$13,600	
Steel Plate	3%	2-4	$24,800	LIFE	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stair Treads And Risers In All Stairwells								
Vinyl Tile	20%	Now	$308,700	2036	* *	3	$13,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 100%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Vinyl Tile 9" X 9"	25%	Now	$499,900	2036	* *	3	$17,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	42%	4+	$1,005,900	2041	* *	5	$71,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$10,300	
Concrete Masonry Unit	7%			LIFE	* *	5	$11,600	
Gypsum Board	5%			LIFE	* *	5-10	$17,600	
Masonry: Brick	10%			LIFE	* *	10	$6,200	
Marble Panels	3%			LIFE	* *	10	$2,500	
Plaster	70%	4+	$116,000	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5-10	$34,000	
Plaster	80%	4+	$95,100	LIFE	* *	5	$90,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	5%			LIFE	* *	5-10	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Lobby								
Explanation : Decorative Plaster Treatment								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$156,400	5	$400	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	80%			2026	$166,900	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2051	* *	5	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2025	$134,500	5	$2,200	
Molded Case Bkrs	15%			2042	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$238,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$400	
Locally Mounted	50%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$109,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2026	$9,700	10		
Incandescent	1%			2026	$13,500	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$14,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$411,700	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$66,000	1	$8,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$225,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$120,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,000	
Terminal Devices								
Air Handler	15%			2026	$98,100	1	$11,300	
Convector/Radiator	85%			2031	* *	1	$33,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$62,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$107,100	
Exhaust Fans								
Interior	100%			2026	$134,100	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2026	$28,200	2	$1,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 220 - BK (J. H. S. 220 - BK)

Asset # : 2547

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$3,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : In The Auditorium Next To 48th Street.								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$42,500	1-2	$1,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 223 - BK**
Address : **4200 16 AVENUE BTWN: 42 ST., 43 ST.**
Borough : **BROOKLYN**
Program / Asset # : **BOE0518.000 / 1298**
Area Sq Ft : **121,000**
Date of Survey : **27-Oct-2014**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **5362** **Lot** : **21**

Agency's Number : **K223**
Yr Built/Renovated : **1930 / 2006**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3125676**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$268,700	$59,500
Interior Architecture	$1,202,900	$424,000
Electrical	$276,200	$1,731,300
Mechanical	$33,400	$1,112,000
Total	**$1,781,100**	**$3,326,900**
Importance Code A	$268,700	$101,600
Importance Code B	$868,000	$3,170,300
Importance Code C	$644,400	$55,000
Total	**$1,781,100**	**$3,326,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$97,600			
Interior Architecture	$44,100		$3,000	$11,800
Electrical	$3,100	$900	$1,100	$1,800
Mechanical	$53,300	$23,200	$34,000	$30,100
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$203,000**	**$29,000**	**$43,000**	**$48,700**
Importance Code A	$111,000	$13,300	$13,300	$13,300
Importance Code B	$92,100	$15,700	$29,700	$35,400
Importance Code C				
Total	**$203,000**	**$29,000**	**$43,000**	**$48,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$51,700	
Masonry: Brick	90%	Now	$179,600	LIFE	* *	5	$59,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Masonry: Granite	5%			LIFE	* *	5	$5,000	
Windows								
Aluminum	95%			2042	* *	5	$58,200	
Metal Louvers	5%			2035	* *	10	$19,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$24,300	
Masonry: Brick	90%	Now	$89,100	LIFE	* *	5	$15,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,800	
Roof								
Built-Up (BUR)	95%	Now	$17,100	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$9,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,200	
Ceramic Tile	3%			2029	* *	5	$6,000	
Marble Panels	5%	0-2	$146,000	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	0-2	$46,800	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	42%	Now	$215,900	2031	* *	3	$31,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	0-2	$11,100	2021	$111,000	3	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%			2041	* *	5	$113,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$316,400	2041	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%	Now	$89,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	Now	$91,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	0-2	$147,200	LIFE	* *	5	$55,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$10,100	
Exposed Concrete	15%			LIFE	* *	5-10	$37,700	
Plaster	80%	Now	$105,600	LIFE	* *	5	$100,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$175,900	5	$500	
Fused Disc Sw	10%			2036	* *	5	$100	
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Knife Sw	30%	2-4	$67,300	2051	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Molded Case Bkrs	50%			2025	$112,100	5	$1,600	
Molded Case Bkrs	10%			2034	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$59,700	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	99%			2036	* *	10	$122,300	
HID	1%			2036	* *	10		
Egress Lighting								
Emergency, Service	50%			2021	$33,100	1		
Exit, Service	50%			2021	$18,200	1		
Exterior Lighting								
HID	100%			2021	$457,000	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$73,200	1	$9,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$501,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank Using #2 Oil								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$133,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,600	
Terminal Devices								
Air Handler	20%			2026	$145,200	1	$16,700	
Convector/Radiator	50%			2031	* *	1	$21,700	
Fan Coil Unit/Heat	30%			2021	$604,800	1	$13,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2021	$31,100	2	$400	
Window/Wall Unit	60%			2021	$166,100	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,900	
Exhaust Fans								
Interior	100%	Now	$14,900	2026	$148,800	2	$3,300	
Obsolete Equipment, Extent : Severe, Area Affected : 60%								
Location : 2 Units - Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$31,300	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 900 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 New Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 223 - BK

Asset # : 1298

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$47,200	1-2	$1,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 226 - Q (TANDEM P.S. 59 - M)**		
Address	: **121-10 ROCKAWAY BLVD BTWN: 121 ST, 116 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q226**
Program / Asset #	: **BOE0860.000 / 194**	**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **206,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11714** **Lot** : **100**	**BIN**	: **4253607**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$240,600	$352,600
Interior Architecture	$862,200	$126,200
Electrical		$3,793,800
Mechanical	$54,200	$847,000
Total	**$1,156,900**	**$5,119,700**
Importance Code A	$240,600	$403,100
Importance Code B	$699,200	$4,662,000
Importance Code C	$217,200	$54,600
Total	**$1,156,900**	**$5,119,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,900	$13,700	$14,400	
Interior Architecture	$80,600	$24,000	$104,400	$10,200
Electrical	$64,400	$17,400	$18,400	$18,600
Mechanical	$62,800	$78,500	$63,600	$88,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$220,600**	**$141,400**	**$208,900**	**$125,200**
Importance Code A	$22,300	$31,000	$31,800	$17,300
Importance Code B	$150,500	$110,400	$158,900	$107,800
Importance Code C	$47,800		$18,200	
Total	**$220,600**	**$141,400**	**$208,900**	**$125,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 226 - Q (TANDEM P.S. 59 - M)
Asset # : 194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$158,400	
Masonry: Brick Cavity	15%			LIFE	* *	5	$33,900	
Pre-Cast Concrete	12%			LIFE	* *	5	$88,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$22,100	
Windows								
Aluminum	97%			2048	* *	5	$27,300	
Metal Louvers	3%			2039	* *	10	$5,300	
Parapets								
Masonry: Brick Cavity	5%			LIFE	* *	5-10	$5,700	
Metal Panel	5%			2046	* *	5	$3,200	
Metal Rail	5%			2039	* *	5-10	$15,100	
Pre-Cast Concrete	70%			LIFE	* *	5	$147,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$31,500	
Roof								
Built-Up (BUR)	17%			2034	* *	10	$23,800	
Copper/Terne	3%			2054	* *	10	$10,500	
Modified Bitumen	50%			2034	* *	10	$70,000	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Main Roof*								
Single Ply Membrane	30%			2031	* *	10	$42,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$143,200	
Ceramic Tile	5%			2035	* *	5	$16,400	
Quarry Tile	5%			2039	* *	5	$24,500	
Terrazzo	5%			LIFE	* *	5	$25,600	
Vinyl Tile	45%			2031	* *	3	$55,200	
Vinyl Tile	20%			2034	* *	3	$24,500	
Vinyl Tile	5%	Now	$139,100	2036	* *	3	$6,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25% *Location : Stairs* *Worn/Eroded, Extent : Severe, Area Affected : 50%* *Location : Stairs*								
Wood	5%			2054	* *	5	$30,700	
Interior Walls								
Ceramic Tile	8%			2039	* *	5	$36,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$18,200	
Folding Partition	5%			2042	* *	5	$56,900	
Gypsum Board	12%			LIFE	* *	5-10	$92,900	
Metal Panel	5%			LIFE	* *	10	$10,200	
Plaster	40%			LIFE	* *	5-10	$154,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$56,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 226 - Q (TANDEM P.S. 59 - M)
Asset # : 194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$259,100	2046	* *	5	$20,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
AcousTileSusp.Lay-In	20%			2039	* *	5	$64,100	
AcousTileSusp.Lay-In	15%			2043	* *	5	$48,000	
Exposed Concrete	50%			LIFE	* *	5-10	$200,200	
Metal Panel	5%			LIFE	* *	5	$40,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2026	$50,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000a & 2500a Main Disconnect Switch For Old Wing								
Fused Disc Sw	20%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600a Main Disconnect Switch For New Wing								
Fused Disc Sw	20%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$342,100	5	$600	
Fused Disc Sw	20%			2052	* *	5	$200	
Molded Case Bkrs	10%			2026	$48,900	5	$500	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$500	
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	20%			2048	* *	5	$1,100	
Molded Case Bkrs	65%			2025	$310,900	5	$3,500	
Wiring								
Thermoplastic	80%			2026	$623,800	1		
Thermoplastic	20%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040
I. S. 226 - Q (TANDEM P.S. 59 - M)
Asset # : 194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2043	* *	5	$100	
Locally Mounted	20%			2024	$46,000	5	$300	
Motor Control Center	60%			2024	$866,700	5	$3,400	
Variable Frequency Drive	10%			2043	* *			
Ground								
Grounding Devices								
Generic	80%			LIFE	* *	5	$4,800	
Generic	20%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$63,400	
Generators								
Diesel	100%			2039	* *	1	$79,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 20 Kw - Used For Sump Pump Only								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$45,900	
Fuel Storage								
Main Tank	100%			2061	* *	5	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$196,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Battery	40%			2021	$118,000	10	$21,100	
Emergency, Battery	10%			2034	* *	10	$5,300	
Exit, Service	40%			2021	$23,600	1		
Exit, Service	10%			2034	* *	1		
Exterior Lighting								
HID	20%			2034	* *	10	$100	
HID	80%			2021	$622,400	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$23,100	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2046	* *	1		
Interruptible Gas/Dual Fuel	60%			2046	* *	1		
Conversion Equipment								
Furnace	40%			2031	* *	1	$43,200	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 10 Units								
Steam Boiler	60%			2031	* *	1	$129,900	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	60%			2036	* *	4	$6,500	
No Component	40%							
Terminal Devices								
Convector/Radiator	30%			2031	* *	1	$21,200	
Fan Coil Unit/Heat	30%			2031	* *	1	$21,200	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	40%			2042	* *	1		
Not Accessible	60%							
Conversion Equipment								
Absorption Chiller/Steam/HW	60%			2041	* *	1	$142,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Ext Pkg Unit - Heating/Cooling	40%			2026	$576,800	2	$5,400	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 10 Rtu								
Distribution								
No Component	40%							
Not Accessible	60%							
Terminal Devices								
Fan Coil - Cool/Heat	60%			2031	* *	1	$42,400	
No Component	40%							
Heat Rejection								
Water Cool Tower	60%			2030	* *	2	$132,000	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$193,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 226 - Q (TANDEM P.S. 59 - M)

Asset # : 194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2021	$48,300	2	$1,300	
Roof	80%			2026	$139,100	2	$5,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$21,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$13,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$110,200	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$3,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 227 - BK**				
Address	: **6500 16TH AVE. BTWN: 65 ST., 66 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K227**	
Program / Asset #	: **BOE0522.000 / 2549**		**Yr Built/Renovated**	: **1930 / 2010**	
Area Sq Ft	: **143,971**		**Project Type**	: **EDUCATION**	
Date of Survey	: **31-Oct-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **5551**	**Lot** : **18**	**BIN**	: **3133741**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$924,100	$98,500
Interior Architecture	$1,306,100	$222,000
Electrical	$243,200	$2,989,700
Mechanical	$39,700	$948,700
Total	**$2,513,000**	**$4,258,900**
Importance Code A	$924,100	$140,500
Importance Code B	$1,021,300	$4,061,100
Importance Code C	$567,700	$57,300
Total	**$2,513,000**	**$4,258,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,500			
Interior Architecture	$69,200		$9,000	$17,400
Electrical	$67,500	$1,500	$2,300	$1,700
Mechanical	$67,000	$29,700	$39,300	$34,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$252,100**	**$35,100**	**$54,500**	**$57,100**
Importance Code A	$60,400	$15,900	$15,900	$15,900
Importance Code B	$179,600	$19,200	$38,600	$41,200
Importance Code C	$12,100			
Total	**$252,100**	**$35,100**	**$54,500**	**$57,100**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$191,500	LIFE	* *	5	$63,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$5,300	
Masonry: Limestone	5%	0-2	$38,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$293,400	2042	* *	5	$35,000	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	Now	$360,400	LIFE	* *	5	$20,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Rail	15%			2039	* *	5-10	$66,300	
Roof								
Built-Up (BUR)	90%	Now	$23,100	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *	10	$18,700	
Interior								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$49,900	LIFE	* *	5	$104,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$69,700	2035	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	2%	2-4	$34,700	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$18,000	
Terrazzo	2%	2-4	$22,300	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%	Now	$101,900	2036	* *	3	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Near Elevator & Throughout 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	53%	0-2	$216,100	2031	* *	3	$47,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Wood	8%	0-2	$63,300	2041	* *	5	$18,000	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast Stone/Terra Cotta	5%	Now	$46,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$12,100	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	0-2	$106,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	2-4	$108,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$306,500	LIFE	* *	5	$57,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Spiral Stairwell To Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$58,100	2039	* *	5	$22,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Room 325								
Exposed Concrete	40%	Now	$61,600	LIFE	* *	5	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Storage Area In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Storage Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Storage Area In Basement								
Fiber Board	5%			2031	* *			
Plaster	25%	Now	$78,500	LIFE	* *	5	$37,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridor Near Room 359								
Recent Repair Evident, Extent : Moderate, Area Affected : 15%								
Location : Stair To Gymnasium								
Plaster	15%			LIFE	* *	5-10	$61,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 0%								
Location : Electrical Room								
Explanation : 4000 Amp Service								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2034	* *	5	$700	
Fused Toggle Switch	10%	2-4	$22,400	2051	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Obsolete Equipment								
Molded Case Bkrs	30%			2025	$67,300	5	$1,100	
Molded Case Bkrs	20%			2034	* *	5	$800	
Molded Case Bkrs	20%			2048	* *	5	$800	

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$500	
Locally Mounted	50%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Painted								
Explanation : Connected With Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	93%			2026	$1,654,900	10	$136,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2021	$25,600	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Sodium								
Incandescent	5%			2026	$89,000	2	$200	
Egress Lighting								
Emergency, Service	25%	Now	$19,700	2036	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Emergency, Service	25%			2031	* *	1		
Exit, Service	50%	2-4	$21,600	2036	* *	1		
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exterior Lighting								
HID	100%			2021	$543,700	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$10,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	95%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gal Tank Using #2 Oil								
Solar Panel(s)	5%	Now	$1,000	2036	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Control Board In Basement Missing Some Components								
Explanation : Hot Water Solar Heating Panel Located On Roof								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$158,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boilers #1 And #2 Under Repair, Boiler #3 In Operation								
Distribution								
Steam Piping/Pump	100%	0-2	$22,400	2036	* *	4	$7,900	
Steam Traps Faulty, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2026	$259,100	1	$29,700	
Convector/Radiator	50%			2031	* *	1	$25,900	
Fan Coil Unit/Heat	20%			2026	$479,700	1	$10,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2024	$32,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$141,400	
Exhaust Fans								
Interior	75%			2026	$132,800	2	$3,700	
Roof	25%			2026	$31,800	2	$1,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2026	$37,300	2	$2,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - BK

Asset # : 2549

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : One Of Two Sump Pumps In The Basement Not Working								
Sewage Ejector(s)								
Compressed Air	100%			2036	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$9,000	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 227 - Q**		
Address	: **32-02 JUNCTION BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q227**
Program / Asset #	: **BOE0861.000 / 1486**	**Yr Built/Renovated**	: **1979 / 2008**
Area Sq Ft	: **177,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1423** **Lot** : **1**	**BIN**	: **4034891**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$217,600
Electrical		$4,888,800
Mechanical	$108,600	$1,093,300
Total	**$108,600**	**$6,199,700**
Importance Code A		$259,600
Importance Code B	$108,600	$5,940,100
Total	**$108,600**	**$6,199,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$45,400	$7,000	$39,000	$27,400
Electrical	$5,800	$8,000	$5,700	$5,000
Mechanical	$85,000	$42,200	$89,200	$48,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$140,200**	**$61,200**	**$137,800**	**$84,600**
Importance Code A	$18,600	$18,600	$19,000	$18,600
Importance Code B	$121,500	$42,600	$118,800	$66,000
Importance Code C				
Total	**$140,200**	**$61,200**	**$137,800**	**$84,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$97,200	
Windows								
Aluminum	97%			2046	* *	5	$23,500	
Metal Louvers	3%			2033	* *	10	$4,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$13,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	100%			2032	* *	10	$120,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,800	
Ceramic Tile	5%			2033	* *	5	$14,100	
Quarry Tile	2%			2037	* *	5	$8,400	
Terrazzo	5%			LIFE	* *	5	$11,000	
Vinyl Tile	8%			2032	* *	3	$11,200	
Vinyl Tile	70%			2029	* *	3	$98,400	
Wood	5%			2039	* *	5	$26,400	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$31,300	
Glass: Single Pane	2%			LIFE	* *	5	$5,900	
Metal Panel	26%			LIFE	* *			
Travertine Panels	2%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$29,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$27,500	
AcousTileConcealSpLn	15%			2029	* *	5	$51,600	
Exposed Concrete	55%			LIFE	* *	5	$23,700	
Metal Panel	10%			LIFE	* *	5	$34,400	
Plaster	10%			LIFE	* *	5	$17,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 3000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$244,400	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$260,100	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$400	
Molded Case Bkrs	80%			2023	$203,300	5	$3,700	
Molded Case Bkrs	10%			2032	* *	5	$500	
Wiring								
Thermoplastic	90%			2024	$350,900	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	20%			2022	$23,000	5	$200	
Locally Mounted	80%			2037	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	2%			2024	$41,700	10	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Lamps								
Fluorescent	98%			2024	$2,045,300	10	$168,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2024	$126,700	10	$22,700	
Exit, Service	50%			2024	$25,300	1		
Exterior Lighting								
HID	100%			2024	$668,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$160,700	1	$19,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$550,000	1-3	$32,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$186,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$13,900	
Terminal Devices								
Air Handler	40%			2024	$405,200	1	$46,500	
Convector/Radiator	60%			2029	* *	1	$36,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$3,800	2024	$191,300	1	$23,500	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Due To Leaking, 2 Out Of 4 Compressors								
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Basement								
Window/Wall Unit	15%			2019	$57,900	1		
No Component	55%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2044	* *	4	$2,800	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2029	* *	1	$34,900	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2019	$50,700	2	$39,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$32,400	LIFE	* *	2-5	$104,800	
Unbalanced System, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Exhaust Fans								
Interior	40%			2024	$83,100	2	$2,300	
Roof	60%	Now	$4,500	2024	$89,600	2	$2,800	
Noisy/Vibrating, Extent : Severe, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 227 - Q

Asset # : 1486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$43,700	2	$2,700	
HW Heat Exchanger								
Low Temp	100%			2024	$58,300	4	$18,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-4							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$94,700	
Sprinkler								
No Component	92%							
Generic	8%			2024	$175,500	1-2	$4,200	
Chemical System								
No Component	98%							
Generic	2%			2019	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 228 - BK (J. H. S. 228 - BK)**
Address : **AVENUE S & WEST 4 STREET BTWN: WEST 5 ST., WEST 4 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K228**
Program / Asset # : **BOE0523.000 / 2619** | **Yr Built/Renovated** : **1930 / 2014**
Area Sq Ft : **126,280** | **Project Type** : **EDUCATION**
Date of Survey : **13-Mar-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7084** **Lot** : **1** | **BIN** : **3190273**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$158,500	$55,700
Interior Architecture	$226,400	$336,800
Electrical	$208,900	$1,341,000
Mechanical	$83,900	$2,798,000
Total	**$677,700**	**$4,531,500**
Importance Code A	$158,500	$97,700
Importance Code B	$384,000	$4,380,700
Importance Code C	$135,200	$53,100
Total	**$677,700**	**$4,531,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$61,700		$30,700	
Interior Architecture	$29,900		$19,100	
Electrical	$35,000	$1,400	$1,800	$2,700
Mechanical	$39,100	$25,400	$39,200	$21,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$169,700**	**$30,700**	**$94,800**	**$27,900**
Importance Code A	$75,600	$13,900	$44,600	$13,900
Importance Code B	$79,200	$16,800	$46,500	$14,000
Importance Code C	$14,800		$3,600	
Total	**$169,700**	**$30,700**	**$94,800**	**$27,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$48,300	
Masonry: Brick	90%			LIFE	* *	5	$111,300	
Repairs in Progress, Extent : Light, Area Affected : 5%								
Location : Rooftop Bulkhead Walls								
Masonry: Granite	5%			LIFE	* *	5	$4,600	
Windows								
Aluminum	100%			2034	* *	5	$61,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$30,500	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Near Elevator Shaft								
Copper/Terne	5%			2046	* *	5	$5,200	
Masonry: Brick	50%			LIFE	* *	5-10	$73,400	
Masonry: Brick Cavity	32%			LIFE	* *	5-10	$47,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2046	* *	5	$4,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,100	
Roof								
Built-Up (BUR)	100%	2-4	$9,000	2031	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : North West Corner Of Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : North West Corner Of Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$92,000	
Ceramic Tile	3%			2029	* *	5	$6,300	
Quarry Tile	3%			2031	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$16,400	
Vinyl Tile	47%			2031	* *	3	$37,100	
Wood	32%			2041	* *	5	$126,200	
Interior Walls								
Cast in Place Concrete	5%	2-4	$37,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Basement Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Wall Abutting Rear Courtyard (at Shut-offs For Pumps)								
Ceramic Tile	3%			2029	* *	5	$7,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$9,600	
Masonry: Brick	10%			LIFE	* *	10	$7,200	
Recent Repair Evident, Extent : Light, Area Affected : 2%								
Location : Stair A Doorway At Cafeteria								
Marble Panels	3%			LIFE	* *	10	$2,900	
Plaster	74%			LIFE	* *	5-10	$150,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2031	* *	5	$31,500	
Plaster	82%	Now	$45,200	LIFE	* *	5	$107,600	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : 4ht Floor Hallway, Gymnasium Window Heads, Exit A Stair								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair J, Rooms 405/409, Cafeteria								
Plaster	3%			LIFE	* *	5-10	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Ceiling								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$500	
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Knife Sw	3%	2-4	$6,700	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	67%			2025	$150,200	5	$2,200	
Molded Case Bkrs	20%			2051	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$59,700	1		
Thermoplastic	10%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$900	
Recent Replace Evident, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$123,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$94,800	10	$17,000	
Exit, Service	50%			2021	$19,000	1		
Exterior Lighting								
HID	100%			2021	$476,900	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$14,200	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	50%			2046	* *	5	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Natural Gas	50%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$139,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	15%			2046	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Piping In Boiler Room								
Steam Piping/Pump	80%			2026	$784,900	4	$8,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room								
Steam Piping/Pump	5%	Now	$49,100	2056	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Vacuum And Boiler Feed Water Pumps								
Terminal Devices								
Air Handler	20%			2021	$151,500	1	$17,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Convector/Radiator	70%			2024	$929,100	1	$31,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2021	$210,400	1	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms On The 2nd And 3rd Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd And 3rd Floor Classrooms								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	10%			2031	* *			
Window/Wall Unit	2%	0-2	$5,800	2026	$5,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Electrical And / Or Mechanical Defects								
Window/Wall Unit	78%			2024	$225,300	1		
No Component	10%							
Terminal Devices								
Fan Coil - Cooling	10%			2031	* *	1	$4,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$124,100	
Exhaust Fans								
Interior	100%			2021	$155,300	2	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Rooms								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 228 - BK (J. H. S. 228 - BK)

Asset # : 2619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$335,700	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$32,700	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$8,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Serves Basement Through 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 230 - Q**		
Address	**: 34-01 73RD STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q230**
Program / Asset #	**: BOE1015.000 / 13408**	**Yr Built/Renovated**	**: 2000 /**
Area Sq Ft	**: 84,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 26-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4,ph**		
Block	**: 1260 Lot : 1**	**BIN**	**: 4028931**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$57,100	$41,500
Interior Architecture		$37,100
Electrical	$81,800	
Total	**$138,900**	**$78,700**
Importance Code A	$57,100	$41,500
Importance Code B	$81,800	
Importance Code C		$37,100
Total	**$138,900**	**$78,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,100			$5,500
Interior Architecture	$75,700	$4,600		$13,300
Electrical	$10,400	$11,300	$8,800	$13,900
Mechanical	$40,700	$25,300	$77,600	$32,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$149,800**	**$49,100**	**$94,300**	**$72,800**
Importance Code A	$23,900	$8,800	$9,000	$14,300
Importance Code B	$125,900	$35,700	$85,300	$58,500
Importance Code C		$4,600		
Total	**$149,800**	**$49,100**	**$94,300**	**$72,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$41,500	
Masonry: Granite	5%			LIFE	* *	5	$1,700	
Pre-Cast Concrete	5%	Now	$7,600	LIFE	* *	5	$7,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	95%			2040	* *	5	$10,900	
Metal Louvers	5%			2033	* *	10	$3,600	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$5,800	
Metal Rail	10%			2037	* *	5-10	$12,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,100	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$57,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,200	
Vinyl Tile	80%			2029	* *	3	$53,400	
Wood	10%			2052	* *	5	$25,000	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$9,300	
Concrete Masonry Unit	35%			LIFE	* *	5	$26,000	
Gypsum Board	30%			LIFE	* *	5	$33,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$37,100	
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$40,800	
AcousTileSusp.Lay-In	45%			2037	* *	5	$58,800	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$32,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	5%			2037	* *	5		
Motor Control Center	95%			2037	* *	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$25,800	
Generators								
Diesel	100%			2033	* *	1	$32,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Rated @ 375 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,100	
Fuel Storage								
Day Tank	50%			2040	* *	5	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2052	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 550 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$81,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$88,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units - #1 Boiler Is Undergoing Retubing								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,400	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : Replacing Steam Traps, Various Locations								
Terminal Devices								
Air Handler	60%			2029	* *	1	$33,100	
Convector/Radiator	40%			2037	* *	1	$11,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$41,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$55,100	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$62,100	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 230 - Q

Asset # : 13408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,700	
Exhaust Fans								
Interior	90%			2029	* *	2	$2,500	
Roof	10%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2019	$20,700	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$46,600	
Sprinkler								
No Component	80%							
Generic	20%			2044	* *	1-2	$5,000	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 232 - BK (J. H. S. 232 - BK)**
Address : **905 WINTHROP STREET BTWN: EAST 52 ST., EAST 53 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K232**
Program / Asset # : **BOE0527.000 / 1323** | **Yr Built/Renovated** : **1930 / 2007**
Area Sq Ft : **122,000** | **Project Type** : **EDUCATION**
Date of Survey : **21-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4606** **Lot** : **25** | **BIN** : **3099733**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$448,200	$144,100
Interior Architecture	$1,128,400	$267,400
Electrical	$268,600	$1,652,800
Mechanical	$84,900	$1,422,000
Total	**$1,930,100**	**$3,486,400**
Importance Code A	$448,200	$186,200
Importance Code B	$1,350,000	$3,251,700
Importance Code C	$131,900	$48,600
Total	**$1,930,100**	**$3,486,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,600			$2,500
Interior Architecture	$63,600		$5,800	$11,400
Electrical	$5,100	$1,400	$1,800	$1,400
Mechanical	$43,400	$26,400	$34,700	$27,400
Total	**$137,700**	**$27,700**	**$42,200**	**$42,700**
Importance Code A	$39,000	$13,400	$13,400	$16,000
Importance Code B	$77,900	$14,300	$23,000	$26,800
Importance Code C	$20,800		$5,800	
Total	**$137,700**	**$27,700**	**$42,200**	**$42,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$46,700	
Masonry: Brick	90%			LIFE	* *	5	$107,500	
Masonry: Granite	5%			LIFE	* *	5	$4,500	
Windows								
Aluminum	100%	Now	$248,700	2048	* *	5	$29,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$58,900	
Copper/Terne	5%			2070	* *	5	$5,000	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$120,600	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$90,400	
Copper/Terne	5%			2061	* *	10	$11,900	
Interior								
Floors								
Asphalt Poured	20%	Now	$55,600	2046	* *	5	$10,200	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors, Stair(s)								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Corridors, Stair(s)								
Cast in Place Concrete	10%			LIFE	* *	5	$88,900	
Ceramic Tile	5%			2035	* *	5	$10,200	
Terrazzo	5%			LIFE	* *	5	$15,900	
Vinyl Tile 9" X 9"	25%	0-2	$559,500	2036	* *	3	$19,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	35%	Now	$117,300	2041	* *	5	$66,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$11,600	
Masonry: Brick	15%			LIFE	* *	10	$10,400	
Marble Panels	5%			LIFE	* *	10	$4,600	
Plaster	10%	Now	$55,700	LIFE	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Stair(s) Behind Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair(s) Behind Gymnasium								
Plaster	60%			LIFE	* *	5-10	$117,900	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$5,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5-10	$25,400	
Metal Panel	5%			LIFE	* *	5	$25,400	
Plaster	10%	Now	$53,200	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs To Roof, Stairs Behind Gym, Hallways								
Plaster	75%			LIFE	* *	5-10	$261,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$156,400	5	$400	
Molded Case Bkrs	20%			2046	* *	5	$600	
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$2,900	
Wiring								
Braided Cloth	90%	2-4	$268,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$92,100	5	$700	
Locally Mounted	20%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$120,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2034	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	2%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$91,600	10	$16,400	
Exit, Service	50%			2026	$18,300	1		
Exterior Lighting								
HID	100%			2021	$460,800	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$110,700	1	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$379,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$134,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2026	$947,800	4	$10,000	
Terminal Devices								
Air Handler	20%	Now	$7,300	2021	$146,400	1	$15,100	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : 2 Blower Motors, 4 Belts, 2 Bearings, Fan Room								
Convector/Radiator	80%	Now	$51,300	2031	* *	1	$31,600	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 232 - BK (J. H. S. 232 - BK)

Asset # : 1323

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2021	$111,600	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,900	
Exhaust Fans								
Interior	90%	Now	$2,700	2021	$135,100	2	$3,000	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Blower Fans, Fan Room								
Roof	10%			2031	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$81,100	1		
Water Heater								
Gas Fired	100%			2024	$31,600	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$1,100	2031	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Corroded In Sump Pit, Basement								
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Installation Is In Progress								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,900	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 234 - BK**				
Address	: **1875 EAST 17 STREET BTWN: AVE. R, AVE. S**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K234**	
Program / Asset #	: **BOE0529.000 / 1324**		**Yr Built/Renovated**	: **1937 / 2010**	
Area Sq Ft	: **123,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Mar-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **6821**	**Lot** : **244**	**BIN**	: **3184057**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$376,300	$1,093,400
Interior Architecture	$614,800	$281,700
Electrical	$339,700	$266,600
Mechanical	$33,900	$544,200
Total	**$1,364,600**	**$2,185,800**
Importance Code A	$376,300	$1,093,400
Importance Code B	$937,100	$1,092,400
Importance Code C	$51,300	
Total	**$1,364,600**	**$2,185,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,900			
Interior Architecture	$74,700		$18,800	$5,100
Electrical	$2,300		$300	
Mechanical	$57,000	$31,800	$36,400	$28,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$203,800**	**$35,800**	**$59,500**	**$37,100**
Importance Code A	$79,500	$13,600	$13,600	$13,600
Importance Code B	$68,800	$22,200	$42,500	$23,600
Importance Code C	$55,500		$3,500	
Total	**$203,800**	**$35,800**	**$59,500**	**$37,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$90,400	
Masonry: Brick	15%			LIFE	* *	5	$18,100	
Masonry: Granite	2%			LIFE	* *	5	$1,800	
Masonry: Limestone	3%			LIFE	* *	5	$2,700	
Metal Panel	5%			2036	* *	5-10	$20,700	
Windows								
Aluminum	20%			2042	* *	5	$12,000	
Steel	5%			2042	* *	5	$37,400	
Wood	75%			2042	* *	5	$448,700	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$114,400	
Masonry: Limestone	5%	Now	$5,500	LIFE	* *	5	$1,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Metal Panel	5%			2046	* *	5	$4,000	
Metal Security Bars	10%			2054	* *			
Roof								
Built-Up (BUR)	68%			2026	$298,700	10	$65,200	
Modified Bitumen	30%	Now	$33,500	2026	$167,600			
Blisters, Extent : Severe, Area Affected : 15%								
Location : New Wing								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : New Wing								
Ponding, Extent : Severe, Area Affected : 20%								
Location : New Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Areas In New Wing								
Skylight, Metal/Glass	2%			2026	$283,400	10	$6,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$179,200	
Ceramic Tile	5%			2039	* *	5	$10,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$16,000	
Vinyl Tile	20%	Now	$69,700	2031	* *	3	$15,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor In 1937 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 4th Floor In 1937 Wing								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridors - 1937 Wing								
Explanation : 9x9 Tiles								
Wood	50%			2041	* *	5	$192,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$7,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Toilet Rooms								
Concrete Masonry Unit	25%			LIFE	* *	5	$46,600	
Masonry: Brick	10%			LIFE	* *	10	$7,000	
Marble Panels	2%			LIFE	* *	10	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Near Auditorium								
Plaster	40%			LIFE	* *	5-10	$79,200	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$23,300	
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$20,500	
AcousTileSusp.Lay-In	25%	Now	$206,800	2039	* *	5	$25,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 90%								
Location : Throughout New Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various New Wing Locations								
Exposed Concrete	60%	Now	$197,400	LIFE	* *	5	$19,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Beams And Deck In Basement								
Plaster	5%			LIFE	* *	5-10	$17,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2046	* *	5	$500	
Fused Disc Sw	10%			2056	* *	5	$100	
Raceway								
Conduit	25%			2046	* *	1		
Conduit	70%			2026	$146,100	1		
Conduit	5%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Fused Knife Sw	20%	2-4	$44,800	2051	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	45%	2-4	$100,900	2051	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2042	* *	5	$600	
Molded Case Bkrs	5%			2051	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$194,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$700	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	30%			2031	* *	10	$37,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	64%			2036	* *	10	$80,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$2,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$16,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$400	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$135,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$19,100	2046	* *	4	$6,700	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Leaky Feed Water Tank In Basement								
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : 1 Of 8 Defective Condensate Return Pumps								
Terminal Devices								
Air Handler	20%			2031	* *	1	$16,900	
Convector/Radiator	60%			2031	* *	1	$26,500	
Fan Coil Unit/Heat	20%			2026	$409,900	1	$8,800	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	25%			2031	* *	2	$2,100	
Window/Wall Unit	10%			2024	$28,100	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$120,800	
Exhaust Fans								
Interior	60%			2026	$90,800	2	$2,500	
Roof	40%			2026	$43,500	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2026	$31,800	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 234 - BK

Asset # : 1324

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2056	* *	1-5	$17,900	
Sprinkler								
No Component	70%							
Generic	30%			2052	* *	1-2	$11,500	
Fire Pump								
No Component	75%							
Generic	25%			2039	* *	1	$6,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 238 - Q**		
Address	**: 88-15 182 STREET @ BTWN HILLSIDE AVE. - 89TH AVE.**		
Borough	**: QUEENS**	**Agency's Number**	**: Q238**
Program / Asset #	**: BOE0866.000 / 1489**	**Yr Built/Renovated**	**: 1972 / 2004**
Area Sq Ft	**: 199,900**	**Project Type**	**: EDUCATION**
Date of Survey	**: 14-Jan-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 9919** **Lot : 6**	**BIN**	**: 4212425**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$200,500	$159,200
Interior Architecture	$158,600	$2,352,900
Electrical	$1,709,900	$1,193,700
Mechanical	$251,500	$660,000
Total	**$2,320,500**	**$4,365,800**
Importance Code A	$303,800	$201,200
Importance Code B	$1,943,600	$4,111,600
Importance Code C	$73,200	$53,000
Total	**$2,320,500**	**$4,365,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,500		$4,700	$12,300
Interior Architecture	$23,000	$37,300	$14,900	
Electrical	$38,700	$8,200	$103,000	$5,600
Mechanical	$23,900	$52,100	$112,900	$42,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$101,900**	**$101,600**	**$239,500**	**$64,500**
Importance Code A	$12,500	$21,000	$26,100	$33,300
Importance Code B	$78,400	$80,600	$213,300	$31,200
Importance Code C	$11,000			
Total	**$101,900**	**$101,600**	**$239,500**	**$64,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$87,800	
Pre-Cast Concrete	20%			LIFE	* *	5	$71,400	
Windows								
Aluminum	90%			2040	* *	5	$24,600	
Glass Block	3%			LIFE	* *	5	$500	
Metal Louvers	2%			2033	* *	10	$3,400	
Steel	5%	Now	$71,400	2049	* *	5	$8,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$16,700	
Masonry: Brick	60%			LIFE	* *	5	$9,700	
Metal Panel	15%			2044	* *	5	$9,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$15,300	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$129,100	
Metal Panel	5%			2037	* *	10	$12,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$34,700	
Ceramic Tile	3%			2033	* *	5	$9,500	
Quarry Tile	5%			2037	* *	5	$23,800	
Vinyl Tile	82%			2024	$2,214,400	3	$97,700	
Wood	5%			2039	* *	5	$29,800	
Interior Walls								
Ceramic Tile	3%	Now	$73,200	2033	* *	5	$6,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : First Floor Adult Restroom								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : First Floor Adult Restroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$17,700	
Folding Partition	2%			2032	* *	5	$22,100	
Glazed Ceramic Panel	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$53,000	
SGFT/Glazed Masonry	32%			LIFE	* *			
Ceilings								
AcousTile,Adhered	55%			2037	* *	5	$170,900	
Exposed Concrete	30%			LIFE	* *	5	$14,600	
Metal Panel	5%			LIFE	* *	5	$19,400	
Plaster	10%			LIFE	* *	5	$19,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$219,900	5	$800	
Fused Disc Sw	10%			2034	* *	5	$100	
Raceway								
Conduit	90%			2024	$260,100	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$500	
Molded Case Bkrs	90%			2023	$228,700	5	$4,700	
Wiring								
Thermoplastic	90%			2024	$350,900	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$1,100	
Locally Mounted	20%	Now	$23,000	2044	* *	5	$100	
Not Functioning, Extent : Severe, Area Affected : 20%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%	Now	$9,500	LIFE	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	88%			2029	* *	10	$171,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2029	* *	10	$19,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Boiler Room								
HID	1%			2019	$16,900	10	$100	
Incandescent	1%			2019	$23,600	2		
Egress Lighting								
Emergency, Battery	50%			2019	$143,100	10	$25,600	
Exit, Service	50%			2019	$28,600	1		
Exterior Lighting								
HID	100%			2019	$755,000	10	$600	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$621,100	1-3	$37,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$65,700	
Conversion Equipment								
Steam Boiler	100%	Now	$103,300	2037	* *	1	$189,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boilers								
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$148,200	2034	* *	4	$10,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Steam Piping In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$228,800	1	$26,200	
Convector/Radiator	80%			2029	* *	1	$54,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	$19,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers In Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Window/Wall Unit	5%			2019	$21,800	1		
No Component	75%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2044	* *	4	$2,100	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2024	$84,000	1	$26,200	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2024	$63,400	2	$29,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,300	
Exhaust Fans								
Interior	20%			2024	$46,900	2	$1,300	
Roof	80%	Now	$2,700	2024	$135,000	2	$4,200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$49,400	2	$3,100	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$31,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 238 - Q

Asset # : 1489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B,G,1,2,3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$3,000	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 239 - BK (J. H. S. 239 - BK)**		
Address	**: 2401 NEPTUNE AVENUE BTWN: W.24 ST. - W.25 ST.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K239**
Program / Asset #	**: BOE0533.000 / 1326**	**Yr Built/Renovated**	**: 1937 / 2003**
Area Sq Ft	**: 155,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 10-Nov-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 6965** **Lot : 140**	**BIN**	**: 3188221**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$479,800	$317,600
Interior Architecture	$839,700	$803,000
Electrical	$312,600	$3,147,200
Mechanical	$632,200	$1,287,100
Total	**$2,264,300**	**$5,554,900**
Importance Code A	$479,800	$359,600
Importance Code B	$1,383,800	$5,142,400
Importance Code C	$400,700	$52,900
Total	**$2,264,300**	**$5,554,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,300			
Interior Architecture	$47,800	$6,500	$8,100	$8,100
Electrical	$36,100	$19,100	$3,800	$2,600
Mechanical	$32,800	$64,100	$41,900	$24,800
Total	**$169,000**	**$89,700**	**$53,800**	**$35,500**
Importance Code A	$69,300	$17,400	$17,100	$17,100
Importance Code B	$76,800	$72,300	$36,700	$18,400
Importance Code C	$22,900			
Total	**$169,000**	**$89,700**	**$53,800**	**$35,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$85,100	LIFE	* *	5	$56,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$68,500	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Granite Panels	5%	Now	$33,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$148,100	2039	* *	5	$35,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$41,800	LIFE	* *	5	$25,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$85,600	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	55%	0-2	$19,000	2028	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	25%	Now	$50,700	2038	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Over Gym								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gym								
IRMA/Protected Membrane	15%			2023	$225,800	10	$22,700	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$13,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$56,500	
Ceramic Tile	5%			2032	* *	5	$12,900	
Terrazzo	5%			LIFE	* *	5	$10,100	
Vinyl Tile	25%			2023	$548,700	3	$32,300	
Vinyl Tile	25%			2028	* *	3	$24,200	
Vinyl Tile	20%			2018	$439,000	3	$19,400	
Wood	10%			2051	* *	5	$48,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%	Now	$22,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$117,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$141,400	LIFE	* *	5	$52,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$142,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Ceilings								
AcousTileConcealSpLn	10%	Now	$10,400	2036	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%			LIFE	* *	5	$145,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Toggle Switch	10%	2-4	$22,400	2048	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2022	$168,200	5	$3,100	
Molded Case Bkrs	15%			2039	* *	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2036	* *	5	$900	
Locally Mounted	10%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$1,724,200	10	$142,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2028	* *	10	$15,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2023	$42,400	1		
Exit, Service	50%			2023	$23,300	1		
Exterior Lighting								
HID	100%			2023	$585,400	10	$500	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$28,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 239 - BK (J. H. S. 239 - BK)

Asset # : 1326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$170,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2023	$1,204,200	4	$8,500	
Terminal Devices								
Air Handler	20%			2018	$186,000	1	$21,300	
Convector/Radiator	70%			2028	* *	1	$39,000	
Fan Coil Unit/Heat	10%			2018	$258,200	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$35,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,200	
Exhaust Fans								
Interior	80%			2018	$152,500	2	$4,200	
Roof	20%			2018	$27,400	2	$1,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$40,100	2	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 900 Gals								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 239 - BK (J. H. S. 239 - BK)
Asset # : 1326

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 240 - BK**		
Address	: **2500 NOSTRAND AVENUE @ AVENUE K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K240**
Program / Asset #	: **BOE0534.000 / 1327**	**Yr Built/Renovated**	: **1951 / 1999**
Area Sq Ft	: **138,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Feb-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **7629** **Lot** : **30**	**BIN**	: **3208638**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$289,700	$53,000
Interior Architecture	$349,400	$785,400
Electrical	$1,479,200	$1,018,700
Mechanical	$264,100	$1,886,200
Total	**$2,382,300**	**$3,743,200**
Importance Code A	$289,700	$842,500
Importance Code B	$2,031,900	$2,488,800
Importance Code C	$60,800	$411,900
Total	**$2,382,300**	**$3,743,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,700		
Interior Architecture	$44,800	$17,200		$14,400
Electrical	$15,000	$5,700	$4,000	$3,900
Mechanical	$36,600	$46,300	$29,300	$22,500
Total	**$96,400**	**$71,900**	**$33,400**	**$40,800**
Importance Code A	$15,200	$18,200	$15,200	$15,200
Importance Code B	$63,100	$53,700	$18,200	$25,600
Importance Code C	$18,000			
Total	**$96,400**	**$71,900**	**$33,400**	**$40,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$53,000	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Windows								
Aluminum	95%	Now	$125,300	2039	* *	5	$29,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Gym								
Glass Block	5%			LIFE	* *	5	$2,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$26,400	
Masonry: Limestone	10%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	63%			2028	* *	10	$84,700	
Modified Bitumen	2%			2028	* *	10	$2,700	
Slate	35%	Now	$79,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,300	
Ceramic Tile	5%			2026	$222,700	5	$11,500	
Terrazzo	5%	0-2	$26,700	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%	Now	$97,700	2028	* *	3	$43,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : First And Second Floor								
Wood	30%			2038	* *	5	$129,300	
Interior Walls								
Ceramic Tile	5%	Now	$18,000	2026	$360,900	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	65%			LIFE	* *	5	$51,000	
SGFT/Glazed Masonry	30%	0-2	$60,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$22,900	
AcousTileSusp.Lay-In	5%			2028	* *	5	$11,500	
Exposed Concrete	60%	Now	$88,600	LIFE	* *	5	$21,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	25%	Now	$37,600	LIFE	* *	5	$35,800	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Around Drain Box In 3rd Floor Art Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Molded Case Bkrs	80%			2022	$179,400	5	$2,900	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2023	$86,800	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%	Now	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	82%			2028	* *	10	$115,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Science Lab & Library								
Explanation : T-8 Lamps								
HID	3%			2023	$36,800	10	$100	
Incandescent	10%			2018	$170,600	2	$300	
Egress Lighting								
Emergency, Battery	50%			2023	$103,600	10	$18,500	
Exit, Service	50%			2023	$20,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$521,200	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$428,800	1-3	$25,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$378,200	5	$47,600	
Conversion Equipment								
Steam Boiler	100%			2021	$747,500	1	$152,100	
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : Re-tubing At #2 Boiler								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$107,200	2033	* *	4	$7,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Traps, Throughout								
Terminal Devices								
Air Handler	20%			2023	$165,600	1	$19,000	
Convector/Radiator	80%	Now	$58,000	2028	* *	1	$35,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2023	$52,100	1	$7,100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	20%			2018	$63,100	1		
No Component	70%							
Terminal Devices								
Direct Expansion	10%			2023	$14,300	1		
No Component	90%							

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DEPARTMENT OF EDUCATION - 040

I. S. 240 - BK

Asset # : 1327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	10%			2023	$9,200	2	$10,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$21,400	
No Component	75%							
Exhaust Fans								
Interior	25%	Now	$8,500	2023	$42,400	2	$900	
Broken, Extent : Severe, Area Affected : 15%								
Location : Louvers At Various Locations								
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2021	$321,000	1		
Water Heater								
Gas Fired	100%			2018	$35,700	2	$2,200	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$22,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$179,300	1-2	$4,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 246 - BK**				
Address	: **72 VERONICA PLACE BTWN: SNYDER AVE., ALBEMARLE R**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K246**	
Program / Asset #	: **BOE0539.000 / 1316**		**Yr Built/Renovated**	: **1939 / 1999**	
Area Sq Ft	: **129,490**		**Project Type**	: **EDUCATION**	
Date of Survey	: **19-Mar-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **5110**	**Lot** : **25**	**BIN**	: **3117381**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$390,700	$151,500
Interior Architecture	$967,100	$997,100
Electrical	$259,800	$1,934,600
Mechanical	$32,100	$488,500
Total	**$1,649,700**	**$3,571,600**
Importance Code A	$390,700	$176,700
Importance Code B	$1,204,700	$3,394,900
Importance Code C	$54,300	
Total	**$1,649,700**	**$3,571,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,100			
Interior Architecture	$119,300	$6,500	$12,100	$10,900
Electrical	$33,700	$10,500	$11,800	$11,500
Mechanical	$183,500	$32,200	$43,600	$33,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$408,700**	**$57,100**	**$75,500**	**$63,700**
Importance Code A	$95,700	$12,800	$12,800	$12,800
Importance Code B	$243,200	$44,300	$62,600	$50,900
Importance Code C	$69,800			
Total	**$408,700**	**$57,100**	**$75,500**	**$63,700**

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	18%			LIFE	* *	5	$62,000	
Masonry: Brick	70%			LIFE	* *	5	$241,000	
Masonry: Granite	5%			LIFE	* *	5	$12,900	
Masonry: Limestone	5%	0-2	$47,000	LIFE	* *	5	$6,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Pre-Cast Concrete	2%			LIFE	* *	5	$22,400	
Windows								
Aluminum	95%			2042	* *	5	$45,900	
Wood	5%	Now	$67,800	2051	* *	5	$12,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$145,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$13,700	
Roof								
Built-Up (BUR)	70%	Now	$11,300	2031	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$8,800	
Modified Bitumen	25%			2036	* *	10	$17,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$10,100	LIFE	* *	5	$21,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$37,600	2035	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Marble Panels	3%			LIFE	* *	5	$8,700	
Quarry Tile	5%			2039	* *	5	$14,500	
Vinyl Tile	27%			2036	* *	3	$19,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	Now	$288,200	2021	$960,700	3	$32,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Wood	10%	0-2	$191,800	2041	* *	5	$18,200	
Deteriorated Finish, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	2%	Now	$21,800	2035	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$23,700	
Gypsum Board	3%			LIFE	* *	5-10	$10,100	
Plaster	50%			LIFE	* *	5-10	$84,000	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$29,600	

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2031	* *	5	$38,800	
AcousTile,Adhered	10%	Now	$180,200	2046	* *	5	$9,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
AcousTileConcealSpLn	10%	Now	$15,700	2039	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2039	* *	5	$9,700	
Exposed Concrete	20%	Now	$62,400	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$19,400	
Plaster	30%	Now	$152,600	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - New Wing								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	40%			2026	$16,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Old Wing								
Explanation : One 3000 Amps Main Disconnect								
Fused Disc Sw	20%			2026	$8,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Old Wing								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$136,800	5	$400	
Fused Disc Sw	30%			2046	* *	5	$200	
Raceway								
Conduit	70%			2026	$146,100	1		
Conduit	30%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2025	$11,200	5	$100	
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	30%			2042	* *	5	$1,000	
Molded Case Bkrs	60%			2025	$134,500	5	$2,000	
Wiring								
Braided Cloth	60%	2-4	$179,000	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wings								
Explanation : Insulation Aged								
Thermoplastic	30%			2046	* *	1		
Thermoplastic	10%			2026	$29,800	1		
Motor Controllers								
Locally Mounted	70%			2024	$80,600	5	$600	
Locally Mounted	30%			2039	* *	5	$300	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,900	
Generic	50%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$39,800	
Generators								
Diesel	100%			2035	* *	1	$50,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$28,900	
Fuel Storage								
Day Tank	50%			2042	* *	5	$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 30 Gals								
Main Tank	50%			2054	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 150 Gals								
Lighting								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	30%			2031	* *	10	$35,600	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building-new Wing								
Explanation : T-8 Lamps								
Fluorescent	68%			2021	$978,100	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building-old Wing								
Explanation : T-12 Lamps								
HID	2%			2021	$20,700	10	$100	
Egress Lighting								
Emergency, Service	40%			2021	$25,500	1		
Emergency, Service	20%			2031	* *	1		
Exit, Service	30%			2021	$10,500	1		
Exit, Service	10%			2031	* *	1		
Exterior Lighting								
HID	70%			2021	$342,300	10	$300	
HID	30%			2031	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$14,500	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 In Old Wing Basement Vault And The Other In Basement Vault Of New Wing								
Explanation : 2 - 5,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$31,500	2039	* *	1	$115,400	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : New And Old Boiler Rooms, All Boilers Need To Be Retubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Boilers In New Wing Basement And Two In Basement Of Old Wing								
Explanation : 4 - Dual Fuel Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	25%	Now	$16,300	2042	* *	4	$1,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : Pneumatic Controls, Throughout								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Pump Drive System								
Steam Piping/Pump	75%			2046	* *	4	$7,200	
Broken, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Main Building Basement And New Wing 1st Floor								
Terminal Devices								
Air Handler	50%	Now	$34,900	2031	* *	1	$36,000	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Controls, Malfunctioning Fire / Smoke Dampers								
Convector/Radiator	50%	Now	$30,600	2031	* *	1	$18,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Defective Steam Traps, Throughout Main Building								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2026	$109,900	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Basement								
Explanation : Refrigerant - R22								
Ext Pkg Unit - Cooling	5%			2026	$29,900	2	$400	
Window/Wall Unit	30%	Now	$8,000	2021	$79,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, General Office & Other Locations Multiple Defects								
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	25%	Now	$9,500	2036	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement, 3 Of 5 Defective Pump Drive Systems, 2 Of 5 Defective Pump Motors								
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2026	$82,500	1	$20,000	
No Component	75%							
Heat Rejection								
Remote Air Cond	25%	0-2	$11,600	2021	$116,000	2	$18,000	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Boiler Room In Old Wing								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,300	

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DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%	Now	$10,000	2026	$100,200	2	$2,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Old Building Basement Fan Room, Defective Gym, Toilet, Auditorium & House Exhaust Fans								
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Roof	30%			2026	$30,900	2	$1,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$7,700	2031	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement, Defective Controls								
Water Heater								
Gas Fired	100%			2024	$30,100	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
No Component	25%							
No Component	75%							
Backflow Preventer								
Generic	100%			2026	$12,600	1	$7,900	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 75%								
Location : In Main Building								
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 4th Floor								
Explanation : 1 Traction Elevator								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement To 1st Floor								
Explanation : 1 Hydraulic Elevator								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2046	* *	1-5	$16,300	
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$5,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 246 - BK

Asset # : 1316

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 252 - BK (J. H. S. 252 - BK)**		
Address	**: LENOX ROAD & EAST 94 STREET**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K252**
Program / Asset #	**: BOE0544.000 / 1305**	**Yr Built/Renovated**	**: 1939 / 2001**
Area Sq Ft	**: 92,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 09-Apr-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 4669** **Lot : 37**	**BIN**	**: 3101840**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$93,800	$41,900
Interior Architecture	$249,100	$76,500
Electrical	$455,400	$1,277,300
Mechanical	$1,162,500	$1,311,400
Total	**$1,960,800**	**$2,707,100**
Importance Code A	$592,100	$41,900
Importance Code B	$1,284,300	$2,665,200
Importance Code C	$84,400	
Total	**$1,960,800**	**$2,707,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,400	$3,500		
Interior Architecture	$116,900			$25,800
Electrical	$39,700	$900	$1,700	$15,700
Mechanical	$34,700	$14,700	$23,100	$75,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$211,600**	**$23,000**	**$28,800**	**$120,900**
Importance Code A	$16,400	$13,700	$10,100	$10,300
Importance Code B	$141,400	$9,400	$18,700	$110,500
Importance Code C	$53,800			
Total	**$211,600**	**$23,000**	**$28,800**	**$120,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$41,900	
Masonry: Granite	2%			LIFE	* *	5	$700	
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Windows								
Aluminum	100%	0-2	$93,800	2041	* *	5	$22,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$9,400	
Masonry: Limestone	35%			LIFE	* *	5	$6,900	
Metal: Cage/Fence	5%			2038	* *	5-10	$6,100	
Roof								
Built-Up (BUR)	100%	Now	$16,400	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,500	
Ceramic Tile	3%	Now	$8,900	2034	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	2%	Now	$14,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	80%			2035	* *	3	$61,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$84,400	2035	* *	3	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$27,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	5%	Now	$26,200	LIFE	* *	5	$6,500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	15%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$26,200	
SGFT/Glazed Masonry	25%	0-2	$84,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2030	* *	5	$19,100	
Exposed Concrete	10%	0-2	$24,600	LIFE	* *	5	$2,400	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%	Now	$80,300	LIFE	* *	5	$76,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	80%			2025	$138,100	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	85%			2024	$152,500	5	$2,100	
Wiring								
Braided Cloth	20%	2-4	$51,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2035	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	* *	5	$400	
Locally Mounted	30%			2023	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2025	$852,800	10	$70,400	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2030	* *	10	$14,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
HID	5%			2025	$40,900	10	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Mercury								
Incandescent	5%			2020	$56,900	2	$100	
Egress Lighting								
Emergency, Service	50%	0-2	$25,200	2035	* *	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Obsolete Equipment, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Exit, Service	50%	0-2	$13,800	2035	* *	1		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Obsolete Equipment, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Exterior Lighting								
HID	100%			2020	$347,500	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$6,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$31,700	
Conversion Equipment								
Steam Boiler	100%	0-2	$498,300	2045	* *	1	$91,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$143,000	2025	$714,800	4	$5,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2020	$138,000	1	$15,800	
Convector/Radiator	50%			2023	$483,500	1	$16,500	
Fan Coil Unit/Heat	25%			2020	$383,200	1	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$21,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,100	
Exhaust Fans								
Interior	100%	Now	$11,300	2025	$113,200	2	$2,500	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$15,300	2035	* *	1		
Corroded, Extent : Severe, Area Affected : 15%								
Location : Water Main And Piping At Basement								
Water Heater								
Gas Fired	100%			2020	$23,800	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 252 - BK (J. H. S. 252 - BK)

Asset # : 1305

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 254 - BX**
Address : **2452 WASHINGTON AVE. @E. 189 STREET**
Borough : **BRONX**
Agency's Number : **X254**
Program / Asset # : **BOE1006.000 / 4513**
Yr Built/Renovated : **1999 /**
Area Sq Ft : **74,092**
Project Type : **EDUCATION**
Date of Survey : **18-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3058** **Lot** : **3**
BIN : **2103863**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$356,500	$73,600
Interior Architecture	$89,300	$96,300
Electrical		$1,757,400
Total	**$445,700**	**$1,927,300**
Importance Code A	$356,500	$73,600
Importance Code B	$89,300	$1,810,100
Importance Code C		$43,600
Total	**$445,700**	**$1,927,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$5,300
Interior Architecture	$33,300	$3,500		$11,800
Electrical	$23,100	$9,900	$10,200	$8,900
Mechanical	$12,500	$15,500	$29,000	$9,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$76,800**	**$36,800**	**$47,000**	**$43,300**
Importance Code A	$3,700	$3,700	$3,800	$9,000
Importance Code B	$51,600	$30,700	$43,200	$34,300
Importance Code C	$21,500	$2,400		
Total	**$76,800**	**$36,800**	**$47,000**	**$43,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$73,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,900	
Windows								
Aluminum	100%			2040	* *	5	$10,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,600	
Roof								
Modified Bitumen	100%	Now	$356,500	2034	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 307, 310 And 315								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	2%			2033	* *	5	$2,200	
Terrazzo	3%			LIFE	* *	5	$2,600	
Vinyl Tile	85%			2029	* *	3	$47,100	
Wood	5%	Now	$36,600	2052	* *	5	$5,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$4,800	
Concrete Masonry Unit	20%	Now	$21,500	LIFE	* *	5	$7,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Gypsum Board	75%			LIFE	* *	5	$43,600	
Ceilings								
AcousTileSusp.Lay-In	95%			2037	* *	5	$105,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 307, 310 And 315								
Exposed Struc: Steel	5%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2034	* *	5	$300	
Molded Case Bkrs	20%			2034	* *	5	$400	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$22,800	
Generators								
Diesel	100%			2027	* *	1	$28,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 175 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$16,500	
Fuel Storage								
Day Tank	50%			2032	* *	5	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2039	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$806,600	10	$66,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2024	$5,900	10		
Incandescent	1%			2024	$8,200	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2024	$18,200	1		
Exit, Service	50%			2024	$10,000	1		
Exterior Lighting								
HID	100%			2024	$279,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$67,200	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2024	$537,200	1-3	$32,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 22 External Package Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 22 External Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 254 - BX

Asset # : 4513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$2,900	2029	* *	2	$1,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$17,200	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C-3 (1) 1-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$38,700	
Sprinkler								
Generic	100%			2044	* *	1-2	$20,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 258 - BK**		
Address	: **141 MACON STREET BTWN: MARCY AVE., TOMPKINS AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K258**
Program / Asset #	: **BOE0550.000 / 1308**	**Yr Built/Renovated**	: **1955 / 2009**
Area Sq Ft	: **142,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1845** **Lot** : **1**	**BIN**	: **3053075**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$218,500	$1,478,400
Interior Architecture	$577,800	$1,402,500
Electrical	$419,100	$919,500
Mechanical	$144,100	$1,369,800
Total	**$1,359,500**	**$5,170,100**
Importance Code A	$218,500	$2,262,100
Importance Code B	$1,014,600	$2,814,900
Importance Code C	$126,400	$93,100
Total	**$1,359,500**	**$5,170,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,400			
Interior Architecture	$183,500		$4,300	$14,300
Electrical	$84,400	$1,100	$1,600	$2,200
Mechanical	$78,100	$23,800	$34,300	$30,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$389,300**	**$28,800**	**$44,100**	**$50,900**
Importance Code A	$54,500	$15,100	$15,100	$15,100
Importance Code B	$247,600	$13,700	$29,100	$35,800
Importance Code C	$87,300			
Total	**$389,300**	**$28,800**	**$44,100**	**$50,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	96%			LIFE	* *	5	$249,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$3,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Slate Panels	2%			LIFE	* *	5	$3,900	
Windows								
Aluminum	100%			2051	* *	5	$51,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$32,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$3,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%			2026	$1,202,900	10	$150,900	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Roll Roofing	4%			2027	* *	5	$10,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	1%	Now	$93,900	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$49,900	
Ceramic Tile	3%	Now	$13,300	2035	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$7,100	
Vinyl Tile	5%			2034	* *	3	$4,300	
Vinyl Tile	10%			2031	* *	3	$8,600	
Vinyl Tile 9" X 9"	50%	Now	$251,200	2021	$1,255,900	3	$42,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	25%			2054	* *	5	$106,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$22,000	2035	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2041	* *	5	$13,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$21,300	
Granite Panels	2%	Now	$21,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	50%			LIFE	* *	5-10	$113,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$33,300	
Wood	5%			LIFE	* *	5	$106,400	
Ceilings								
AcousTileConcealSpLn	10%	Now	$8,400	2031	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5-10	$167,700	
Metal Panel	10%			LIFE	* *	5	$51,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	15%	Now	$20,300	LIFE	* *	5	$19,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 - Electrical Service Rated @ 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$100	
Fused Knife Sw	80%	2-4	$175,900	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Switchgear Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	10%			2046	* *	1		
Conduit	90%			2026	$222,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$300	
Fused Knife Sw	10%	2-4	$22,400	2051	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	2-4	$22,400	2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2042	* *	5	$400	
Molded Case Bkrs	60%			2025	$134,500	5	$2,200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	75%			2024	$86,300	5	$700	
Locally Mounted	20%	2-4	$23,000	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Locally Mounted	5%	Now	$5,800	2046	* *	5		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Boiler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$139,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$18,400	
Exit, Service	50%			2026	$20,600	1		
Exterior Lighting								
HID	100%			2036	* *	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$10,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$294,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$47,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2024	$741,700	1	$150,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$106,400	2036	* *	4	$7,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Traps, Vacuum Condensate Pump And Flash Tank								
Terminal Devices								
Air Handler	20%	Now	$3,300	2021	$164,300	1	$17,000	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement Fan Room - Defective Flexible Connections								
Convector/Radiator	80%	Now	$23,000	2031	* *	1	$35,400	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Thermostats And Control Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$250,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$134,500	
Exhaust Fans								
Interior	40%			2026	$67,400	2	$1,900	
Roof	60%	Now	$7,300	2021	$72,700	2	$2,200	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 258 - BK

Asset # : 1308

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$35,400	2	$2,200	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$15,100	
Sanitary Piping								
Cast Iron	100%	Now	$16,500	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$9,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Thru 3rd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 259 - BK (J. H. S. 259 - BK)**		
Address	**: 7305 FT HAMILTON PKWY BTWN: 73 ST, 74 ST**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K259**
Program / Asset #	**: BOE0551.000 / 1309**	**Yr Built/Renovated**	**: 1939 / 2015**
Area Sq Ft	**: 166,221**	**Project Type**	**: EDUCATION**
Date of Survey	**: 11-Jun-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 5923** **Lot : 1**	**BIN**	**: 3148031**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$841,100	$197,900
Interior Architecture	$984,900	$793,400
Electrical		$1,341,100
Mechanical	$395,200	$2,175,200
Total	**$2,221,200**	**$4,507,600**
Importance Code A	$922,000	$602,500
Importance Code B	$1,097,400	$3,856,300
Importance Code C	$201,800	$48,900
Total	**$2,221,200**	**$4,507,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,600	$7,600	$2,400	
Interior Architecture	$159,100		$44,800	$8,400
Electrical	$18,700	$13,900	$14,400	$12,800
Mechanical	$36,800	$31,800	$39,000	$31,400
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$291,100**	**$65,100**	**$112,500**	**$64,400**
Importance Code A	$76,400	$20,800	$15,600	$13,200
Importance Code B	$146,900	$44,300	$94,700	$51,200
Importance Code C	$67,800		$2,200	
Total	**$291,100**	**$65,100**	**$112,500**	**$64,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$143,800	
Masonry: Brick	40%			LIFE	* *	5	$115,000	
Masonry: Limestone	10%	Now	$314,200	LIFE	* *	5	$10,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Steps								
Windows								
Aluminum	60%	Now	$49,200	2042	* *	5	$11,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	39%			2048	* *	5	$15,300	
Metal Louvers	1%			2039	* *	10	$2,400	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$137,100	
Masonry: Brick	50%	Now	$230,000	LIFE	* *	5	$13,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5-10	$36,300	
Masonry: Limestone	5%	Now	$27,800	LIFE	* *	5	$1,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	60%	Now	$49,800	2031	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 20%								
Location : 4th Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	40%	Now	$5,800	2034	* *			
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$28,900	2029	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$12,400	
Terrazzo	5%	0-2	$28,900	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	27%	0-2	$57,100	2026	$571,200	3	$25,200	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%			2034	* *	3	$23,300	
Wood	35%	Now	$574,400	2041	* *	5	$81,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *	10	$16,500	
Cast in Place Concrete	5%	Now	$69,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%			2039	* *	5	$4,400	
Ceramic Tile	3%	0-2	$18,200	2035	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	37%			LIFE	* *	5-10	$138,400	
Masonry: Brick	10%			LIFE	* *	10	$6,600	
Plaster	30%	Now	$26,500	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%	Now	$42,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	23%			2039	* *	5	$57,200	
AcousTileSusp.Lay-In	30%			2043	* *	5	$74,600	
Exposed Concrete	10%			LIFE	* *	5-10	$31,100	
Metal Panel	2%			LIFE	* *	5	$12,400	
Plaster	35%	Now	$114,300	LIFE	* *	5	$54,400	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room Old Wing								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	70%			2052	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room New Wing								
Explanation : One 4000 Amps And One1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2036	* *	5	$400	
Fused Disc Sw	50%			2052	* *	5	$400	
Raceway								
Conduit	60%			2036	* *	1		
Conduit	40%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$400	
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	50%			2034	* *	5	$2,200	
Molded Case Bkrs	35%			2048	* *	5	$1,500	
Wiring								
Thermoplastic	60%			2036	* *	1		
Thermoplastic	40%			2052	* *	1		
Motor Controllers								
Locally Mounted	60%			2024	$69,100	5	$700	
Locally Mounted	40%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Main								
Generic	50%			LIFE	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$51,100	
Generators								
Diesel	100%			2039	* *	1	$64,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2061	* *	5	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	54%			2026	$997,000	10	$82,300	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	38%			2034	* *	10	$57,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-5 Lamps								
HID	3%			2026	$39,800	10	$200	
Egress Lighting								
Emergency, Service	30%			2021	$24,500	1		
Emergency, Service	20%			2034	* *	1		
Exit, LED	20%			2061	* *	1		
Exit, Service	30%			2021	$13,500	1		
Exterior Lighting								
HID	10%			2026	$62,800	10	$100	
HID	10%			2034	* *	10	$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$12,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	60%			2036	* *	5	$30,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of Older Building								
Explanation : Feeds Existing Steam Boilers, 15,000 Gal. Buried Tank								
Natural Gas	40%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Addition								
Explanation : Feeds Hot Water Boilers								
Conversion Equipment								
Hot Water Boiler	40%			2043	* *	1	$32,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Of New Addition								
Explanation : 2 Gas Fired Condensing Hot Water Boilers, 1 Of 2 Units In Fault Mode.								
Steam Boiler	50%			2024	$404,600	1	$82,300	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 #4 Oil Burning Steam Boilers								
Steam Boiler	10%	0-2	$80,900	2046	* *	1	$14,800	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room, 2 0f 3 Steam Boilers With Leaky Boiler Casing								
Distribution								
Hot Wtr Piping/Pump	40%			2048	* *	4	$3,300	
Steam Piping/Pump	50%			2026	$580,300	4	$6,100	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building								
Steam Piping/Pump	10%	Now	$116,100	2056	* *	4	$800	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2034	* *	1	$20,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : Equipment Accounted For Under The Air Conditioning Section Of This Report								
Air Handler	10%			2021	$89,600	1	$10,300	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Convector/Radiator	35%			2024	$549,500	1	$18,800	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Old Wing Of The Building								
Convector/Radiator	25%			2043	* *	1	$13,400	
Convector/Radiator	10%	0-2	$157,000	2046	* *	1	$4,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Faulty Steam Traps And Climate Control System In Old Wing Of The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2034	* *	1	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Original Building								
Explanation : Used To Provide Air Conditioning To Auditorium								
Ext Pkg Unit - Heating/Cooling	40%			2034	* *	2	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Building								
Explanation : 3 Roof Top Units With Gas Supply Line. Refrigerant Type Unidentified								
Window/Wall Unit	40%			2021	$136,700	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Original Building Only								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2052	* *	4	$3,300	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2034	* *	1	$10,300	
No Component	90%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Dehumidifier								
No Component	95%							
Generic	5%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Dance Studio								
Explanation : Unit Serves Dance Room, However Installation Is Incomplete								
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$58,700	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$88,100	
Exhaust Fans								
Interior	20%			2021	$36,700	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Old Wing Of The Building								
Roof	40%			2034	* *	2	$2,000	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2056	* *	1		
Galv Iron/Steel	60%			2024	$297,900	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Old Wing Of The Building								
Water Heater								
Gas Fired	100%			2021	$38,700	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of Older Building								
Explanation : 1 Tank Of About 600 Gallons Feeds Both New And Original Buildings								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Old Wing Of The Building								
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Old Wing Of The Building								
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition Basement								
Explanation : One Dual Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 259 - BK (J. H. S. 259 - BK)

Asset # : 1309

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2034	* *	1	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Of Them Are In New Addition And 2 In The Old Building								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout Original Building								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : 1 Freight & 2 Passenger Elevators In New Addition								
Fire Suppression								
Sprinkler								
No Component	55%							
Generic	45%			2052	* *	1-2	$21,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covers Entire New Addition And Basement Of The Original Building								
Fire Pump								
No Component	60%							
Generic	40%			2041	* *	1	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition Basement								
Explanation : Only For New Addition								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 265 - BK**				
Address	: **101 PARK AVENUE BTWN: NORTH OXFORD ST., N. PORTL**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K265**	
Program / Asset #	: **BOE0556.000 / 1276**		**Yr Built/Renovated**	: **1958 / 2000**	
Area Sq Ft	: **139,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **28-Apr-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **2028**	**Lot** : **1**	**BIN**	: **3057942**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$425,300	$1,236,700
Interior Architecture	$632,700	$831,800
Electrical	$653,100	$1,533,200
Mechanical	$177,400	$939,900
Total	**$1,888,400**	**$4,541,600**
Importance Code A	$461,600	$1,278,700
Importance Code B	$1,343,700	$3,217,500
Importance Code C	$83,100	$45,300
Total	**$1,888,400**	**$4,541,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,700			
Interior Architecture	$130,500	$30,300	$15,300	$14,000
Electrical	$31,600	$1,000	$1,500	$2,700
Mechanical	$31,200	$28,700	$33,300	$21,400
Total	**$232,000**	**$60,100**	**$50,100**	**$38,000**
Importance Code A	$38,700	$14,800	$14,800	$14,800
Importance Code B	$113,000	$45,300	$35,400	$23,200
Importance Code C	$80,200			
Total	**$232,000**	**$60,100**	**$50,100**	**$38,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	4+	$44,400	LIFE	* *	5	$59,200	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Glazed Brick								
Masonry: Sandstone	3%	0-2	$51,200	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Base Of Windows								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Planters At Front Entrance								
Metal/Glass Curt Wall	7%			LIFE	* *	5	$19,400	
Pre-Cast Concrete	10%	Now	$12,200	LIFE	* *	5	$24,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Windows								
Aluminum	98%	4+	$41,400	2042	* *	5	$24,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steel	2%	Now	$52,700	2051	* *	5	$6,300	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Stairwells								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Stairwells								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairwells								
Parapets								
Masonry: Brick Cavity	75%	2-4	$16,800	LIFE	* *	5	$3,600	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Interior And Exterior Parapet Walls								
Metal Panel	5%			2036	* *	5	$900	
Metal Rail	10%			2031	* *	5-10	$8,800	
Metal: Cage/Fence	10%			2031	* *	5-10	$3,800	

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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	95%	Now	$235,500	2026	$1,177,500			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Metal Panel	5%			2031	* *	10	$14,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$97,700	
Ceramic Tile	5%			2035	* *	5	$11,200	
Quarry Tile	2%			2039	* *	5	$6,700	
Terrazzo	5%			LIFE	* *	5	$17,400	
Vinyl Tile	43%			2031	* *	3	$36,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second Floor Corridor								
Vinyl Tile 9" X 9"	30%			2021	$737,600	3	$33,500	
Wood	5%	Now	$368,100	2066	* *	5	$10,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$32,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,800	
Glazed Ceramic Panel	2%			LIFE	* *	10	$4,700	
Plaster	58%			LIFE	* *	5-10	$128,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,600	
Ceilings								
AcousTile,Adhered	5%			2043	* *	5	$10,100	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
AcousTileConcealSpLn	20%			2043	* *	5	$50,500	
Recent Replace Evident, Extent : Light, Area Affected : 25%								
Location : Library And Throughout								
Exposed Concrete	60%			LIFE	* *	5-10	$151,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 321								
Plaster	15%			LIFE	* *	5-10	$52,100	

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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches No Nameplate Ratings Available.								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$100	
Molded Case Bkrs	80%			2026	$175,900	5	$2,900	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	5%			2042	* *	5	$200	
Molded Case Bkrs	90%			2025	$201,800	5	$3,300	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%	0-2	$11,500	2046	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	90%			2024	$103,600	5	$800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Pipe Clamp And Bus Bar Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$129,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium & Cafeteria								
Explanation : Led								
Egress Lighting								
Emergency, Battery	25%			2021	$50,300	10	$9,000	
Emergency, Battery	25%			2026	$50,300	10	$9,000	
Exit, Service	25%			2021	$10,100	1		
Exit, Service	25%			2026	$10,100	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	90%			2021	$472,500	10	$400	
HID	10%	Now	$52,500	2036	* *			
Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$84,100	1	$10,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$287,900	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Hallways								
Explanation : Obsolete Control Panel Located In The Boiler Room. Pull Station And Alarm Bells Are In The Hallways								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$367,300	5	$46,200	
Conversion Equipment								
Steam Boiler	100%	Now	$36,300	2031	* *	1	$132,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : #2 Boiler Tubes, Oil Valves, Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$104,100	2036	* *	4	$7,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Light, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	0-2	$12,100	2026	$241,200	1	$24,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2 Out Of 23 Units Not In Service								
Convector/Radiator	70%			2031	* *	1	$33,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 265 - BK

Asset # : 1276

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%			2021	$153,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$131,700	
Exhaust Fans								
Interior	20%			2026	$33,000	2	$900	
Roof	80%			2021	$94,900	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$46,300	4	$22,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$3,300	2021	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 271 - BK**
Address : **1137 HERKIMER STREET BTWN: SARATOGA AVE., ROOSEVELT**
Borough : **BROOKLYN** | **Agency's Number** : **K271**
Program / Asset # : **BOE0560.000 / 1278** | **Yr Built/Renovated** : **1963 / 2011**
Area Sq Ft : **188,000** | **Project Type** : **EDUCATION**
Date of Survey : **17-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1550** **Lot** : **1** | **BIN** : **3042157**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$242,100	$1,257,200
Interior Architecture	$1,469,900	$764,300
Electrical	$350,900	$1,874,400
Mechanical	$267,700	$1,709,300
Total	**$2,330,600**	**$5,605,100**
Importance Code A	$242,100	$2,281,100
Importance Code B	$1,477,600	$3,265,900
Importance Code C	$610,800	$58,100
Total	**$2,330,600**	**$5,605,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,900	$34,100	$7,700	
Interior Architecture	$90,100		$24,500	$7,500
Electrical	$4,400	$1,400	$2,000	$3,600
Mechanical	$105,300	$34,100	$49,200	$52,600
Total	**$203,800**	**$69,600**	**$83,500**	**$63,700**
Importance Code A	$23,800	$54,100	$27,700	$20,000
Importance Code B	$139,200	$15,600	$55,800	$43,700
Importance Code C	$40,700			
Total	**$203,800**	**$69,600**	**$83,500**	**$63,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$80,600	
Masonry: Brick	90%			LIFE	* *	5	$309,300	
Masonry: Granite	2%			LIFE	* *	5	$5,200	
Masonry: Limestone	1%			LIFE	* *	5	$2,600	
Metal Panel	2%			2036	* *	5-10	$23,600	
Windows								
Aluminum	100%			2048	* *	5	$68,200	
Parapets								
Metal Rail	100%			2031	* *	5-10	$118,400	
Roof								
Built-Up (BUR)	98%	Now	$47,200	2026	$943,800			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2039	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$7,900	LIFE	* *	5	$33,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$52,700	2029	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	3%	Now	$8,400	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	65%			2031	* *	3	$73,600	
Vinyl Tile 9" X 9"	20%	Now	$199,500	2021	$665,100	3	$22,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	4%	4+	$79,700	2041	* *	5	$11,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	4%	Now	$155,600	2029	* *	5	$7,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$19,600	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	1%	Now	$280,500	2051	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Glazed Ceramic Panel	5%			LIFE	* *	10	$15,900	
Masonry: Brick	5%			LIFE	* *	10	$5,300	
Plaster	55%			LIFE	* *	5-10	$164,700	
SGFT/Glazed Masonry	25%	Now	$68,200	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Expansion Joint At Entrance Lobby								
Explanation : Loose Units, Panels With Separation								
Ceilings								
AcousTile,Adhered	30%	Now	$228,700	2039	* *	5	$41,000	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : 3rd Floor Hall At Exit 9								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 3rd Floor Hall At Exit 9								
AcousTileSusp.Lay-In	5%	0-2	$33,200	2031	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	45%	4+	$79,200	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Classroom(s)								
Exposed Struc: Steel	2%	4+	$57,600	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	Now	$68,500	LIFE	* *	5	$17,100	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	13%	Now	$93,300	LIFE	* *	5	$22,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Electrical Service Rated @ 2000 & 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$244,400	5	$800	
Raceway								
Conduit	90%			2026	$260,100	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2025	$50,800	5	$900	
Molded Case Bkrs	10%			2042	* *	5	$500	
Molded Case Bkrs	70%			2025	$177,900	5	$3,500	
Wiring								
Braided Cloth	90%	2-4	$350,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$181,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$32,200	10	$100	
Egress Lighting								
Exit, Service	50%			2026	$27,200	1		
Exit, Battery	50%			2026	$92,800	10	$6,800	
Exterior Lighting								
HID	100%			2026	$710,000	10	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$14,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$62,500	
Conversion Equipment								
Steam Boiler	100%			2024	$981,900	1	$199,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Four #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	2%	0-2	$28,200	2056	* *	4	$200	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Room, 1 Of 3 Defective Vacuum Pumping System								
Steam Piping/Pump	98%			2036	* *	4	$9,700	
Terminal Devices								
Air Handler	20%			2021	$217,500	1	$25,000	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Room								
Convector/Radiator	5%	0-2	$95,300	2046	* *	1	$2,900	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Defective Climate Control System								
Convector/Radiator	75%			2031	* *	1	$48,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	0-2	$62,200	2026	$62,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	60%			2024	$248,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$178,100	
Exhaust Fans								
Interior	20%			2021	$44,600	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement And Second Floor Fan Rooms								
Roof	15%	0-2	$24,100	2036	* *	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, Defective Exhaust Fans								
Roof	65%			2021	$104,200	2	$4,000	
On Extended Life, Extent : Light, Area Affected : 65%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 271 - BK

Asset # : 1278

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$60,200	2056	* *	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Throughout Toilet Rooms, Defective Toilet And Urinal Angle Stops								
Brass/Copper	90%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$19,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2036	* *	1-2	$14,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 275 - BK**				
Address	: **985 ROCKAWAY AVENUE BTWN: HEGEMAN AVE., LINDEN BLV**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K275**	
Program / Asset #	: **BOE0564.000 / 1283**		**Yr Built/Renovated**	: **1963 / 2013**	
Area Sq Ft	: **159,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **05-Nov-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **3636**	**Lot** : **7**	**BIN**	: **3082940**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$138,100	$346,900
Interior Architecture	$970,500	$2,005,600
Electrical	$312,600	$1,419,300
Mechanical	$42,300	$3,128,800
Total	**$1,463,500**	**$6,900,600**
Importance Code A	$138,100	$1,219,400
Importance Code B	$1,201,300	$5,633,900
Importance Code C	$124,100	$47,400
Total	**$1,463,500**	**$6,900,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$62,600			
Interior Architecture	$48,700		$28,000	$20,700
Electrical	$2,900	$1,800	$2,300	$3,700
Mechanical	$55,400	$37,500	$37,000	$24,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$173,600**	**$43,300**	**$71,300**	**$53,300**
Importance Code A	$79,500	$16,900	$16,900	$16,900
Importance Code B	$65,800	$26,400	$46,900	$36,400
Importance Code C	$28,300		$7,500	
Total	**$173,600**	**$43,300**	**$71,300**	**$53,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$276,200	
Metal Panel	5%			2046	* *	5-10	$50,000	
Windows								
Aluminum	100%			2042	* *	5	$57,700	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$36,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$3,400	
Roof								
Built-Up (BUR)	97%			2034	* *	10	$172,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	3%			2041	* *	10	$13,300	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$167,600	
Ceramic Tile	5%			2039	* *	5	$12,800	
Terrazzo	3%			LIFE	* *	5	$12,000	
Vinyl Tile	7%			2034	* *	3	$6,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Vinyl Tile 9" X 9"	65%	0-2	$365,600	2021	$1,828,200	3	$62,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Stair Landings, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%			2054	* *	5	$23,900	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$14,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$23,800	
Gypsum Board	5%			LIFE	* *	5-10	$25,300	
Operable Wall	2%			2036	* *	5	$20,900	
Plaster	53%			LIFE	* *	5-10	$134,200	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,200	
Ceilings								
AcousTile,Adhered	40%	2-4	$257,900	2031	* *	5	$46,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Exposed Concrete	55%			LIFE	* *	5-10	$158,900	
Metal Panel	5%			LIFE	* *	5	$28,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Molded Case Bkrs	20%			2052	* *	5	$800	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	90%			2025	$201,800	5	$3,800	
Molded Case Bkrs	5%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$900	
Locally Mounted	20%			2024	$23,000	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$150,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$3,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	2%			2026	$27,200	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$20,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$600,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$17,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$420,200	5	$52,900	
Conversion Equipment								
Steam Boiler	100%			2024	$830,500	1	$168,900	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2026	$1,191,100	4	$12,600	
Terminal Devices								
Air Handler	25%			2026	$230,000	1	$26,400	
Convector/Radiator	75%			2031	* *	1	$41,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$210,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$150,600	
Exhaust Fans								
Interior	30%			2026	$56,600	2	$1,600	
Roof	70%			2026	$94,900	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$10,200	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Water Main, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 275 - BK

Asset # : 1283

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2026	$52,900	4	$25,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$7,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Sewage Water Backs Up In Basement When It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit - Installation In Progress								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 278 - BK**		
Address	**: 1925 STUART STREET @FILLMORE AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K278**
Program / Asset #	**: BOE0567.000 / 1285**	**Yr Built/Renovated**	**: 1957 / 2011**
Area Sq Ft	**: 134,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 14-Dec-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Sub Basement, Roof, Floors 1,3**		
Block	**: 8496** **Lot : 100**	**BIN**	**: 3239889**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,000	$242,800
Interior Architecture	$353,800	$1,329,300
Electrical	$1,908,700	$438,700
Mechanical	$1,130,400	$172,200
Total	**$3,446,000**	**$2,183,000**
Importance Code A	$752,900	$242,800
Importance Code B	$2,693,100	$1,844,800
Importance Code C		$95,400
Total	**$3,446,000**	**$2,183,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$37,000		
Interior Architecture	$82,200	$31,700		$18,800
Electrical	$26,000	$40,900	$2,700	$2,600
Mechanical	$32,700	$20,400	$36,000	$20,400
Total	**$140,900**	**$130,000**	**$38,700**	**$41,800**
Importance Code A		$51,500	$14,200	$14,200
Importance Code B	$140,900	$56,500	$24,500	$27,600
Importance Code C		$22,000		
Total	**$140,900**	**$130,000**	**$38,700**	**$41,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	82%			LIFE	* *	5	$100,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$42,100	
Window Wall	3%	Now	$53,000	2043	* *	5	$6,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Over Main Entrance								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Over Main Entrance								
Windows								
Aluminum	98%			2048	* *	5	$47,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$4,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2043	* *	5-10	$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Copper/Terne	5%			2063	* *	10	$18,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	95%			2033	* *	10	$142,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,100	
Ceramic Tile	5%	Now	$20,900	2032	* *	5	$5,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	Now	$25,000	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	Now	$164,700	2028	* *	3	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	40%			2023	$731,900	3	$43,000	
Wood	10%	4+	$71,000	2038	* *	5	$20,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium Floor								
Interior Walls								
Operable Wall	5%			2043	* *	5	$43,900	
Granite Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$45,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$50,200	
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$19,500	
AcousTileConcealSpLn	25%	Now	$118,200	2021	$394,000	5	$30,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$4,600	
Plaster	50%	Now	$25,600	LIFE	* *	5	$60,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair 4/5								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 315 Below Main Roof Expansion Joint								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2043	* *	5	$100	
Fused Knife Sw	90%	2-4	$197,900	2053	* *	5	$300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$500	
Fused Knife Sw	20%	2-4	$44,800	2048	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Area								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room And Boiler Room								
Fused Toggle Switch	10%	2-4	$22,400	2048	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Area, Kitchen And Cafeteria								
Molded Case Bkrs	10%			2039	* *	5	$400	
Molded Case Bkrs	45%			2022	$100,900	5	$1,600	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Stairways								
Explanation : T-5 Lamps								
Fluorescent	80%			2028	* *	10	$105,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	10%			2018	$159,700	2	$300	
Egress Lighting								
Emergency, Battery	50%			2018	$97,000	10	$17,400	
Exit, Service	50%			2018	$19,400	1		
Exterior Lighting								
HID	100%			2018	$506,100	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$471,900	1-3	$28,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$7,100	2033	* *	5	$22,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Circulation Oil Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 20,000 Gals								
Conversion Equipment								
Steam Boiler	100%	Now	$699,900	2043	* *	1	$128,100	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Brickwork Needed In All Three Boilers								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 3 Boilers Basement								
Distribution								
Steam Piping/Pump	100%	Now	$50,200	2033	* *	4	$7,100	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Thermostats And Pneumatic Controls Not Working								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2018	$232,600	1	$26,700	
Convector/Radiator	70%			2028	* *	1	$32,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Inadequate Capacity								
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2028	* *	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : One Roof Top Unit Serves Auditorium								
Window/Wall Unit	50%			2018	$147,800	1		
No Component	45%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$9,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,200	
Exhaust Fans								
Interior	50%			2023	$79,500	2	$2,200	
Roof	50%			2023	$57,100	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$33,400	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Work With Gas Furnace And Operate Off Both Boilers								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Inadequate, Need Dual Unit Instead Of Existing Single One								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 278 - BK

Asset # : 1285

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 281 - BK (J. H. S. 281 - BK)**		
Address	: **8787 24 AVENUE BTWN: BATH AVE, CROPSEY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K281**
Program / Asset #	: **BOE0569.000 / 1287**	**Yr Built/Renovated**	: **1966 / 2002**
Area Sq Ft	: **153,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **6891** **Lot** : **1**	**BIN**	: **3186626**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$254,500	$228,900
Interior Architecture	$964,500	$935,700
Electrical	$358,700	$1,800,800
Mechanical	$134,700	$1,607,900
Total	**$1,712,400**	**$4,573,300**
Importance Code A	$254,500	$1,061,500
Importance Code B	$917,100	$3,456,000
Importance Code C	$540,800	$55,800
Total	**$1,712,400**	**$4,573,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,600			
Interior Architecture	$59,700		$26,700	$24,900
Electrical	$10,400	$1,100	$1,500	$2,700
Mechanical	$43,600	$29,100	$39,200	$31,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$129,300**	**$34,200**	**$71,300**	**$63,400**
Importance Code A	$27,600	$16,100	$16,100	$16,100
Importance Code B	$95,500	$18,100	$55,200	$47,300
Importance Code C	$6,100			
Total	**$129,300**	**$34,200**	**$71,300**	**$63,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$142,900	
Masonry: Limestone	5%			LIFE	* *	5	$6,300	
Metal Panel	8%			2036	* *	5-10	$46,200	
Granite Panels	2%			LIFE	* *	5	$2,500	
Windows								
Aluminum	90%	Now	$39,500	2042	* *	5	$9,400	
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	10%	Now	$87,700	2051	* *	5	$1,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	100%			2039	* *	5-10	$96,000	
Roof								
Built-Up (BUR)	90%			2031	* *	10	$93,600	
Built-Up (BUR)	5%	Now	$7,100	2026	$23,800			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : All Pitch Pockets								
Metal Panel	5%			2043	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$106,400	
Ceramic Tile	3%			2035	* *	5	$7,300	
Terrazzo	2%			LIFE	* *	5	$7,600	
Vinyl Tile	40%	Now	$165,400	2021	$826,800	3	$36,500	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor And Cafeteria 9x9 Tiles								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor And Cafeteria								
Vinyl Tile	5%			2034	* *	3	$4,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	30%	0-2	$62,000	2031	* *	3	$27,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			2054	* *	5	$45,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%	Now	$75,100	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Folding Partition	5%	4+	$269,200	2042	* *	5	$21,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Glazed Ceramic Panel	2%			LIFE	* *	10	$6,100	
Plaster	55%	Now	$149,200	LIFE	* *	5	$55,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Corridor Throughout								
SGFT/Glazed Masonry	28%			LIFE	* *	10	$47,300	
Ceilings								
AcousTileConcealSpLn	23%			2031	* *	5	$68,400	
AcousTileSusp.Lay-In	2%			2039	* *	5	$4,800	
Exposed Concrete	55%			LIFE	* *	5-10	$163,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$23,800	
Fiber Board	5%			2031	* *			
Plaster	10%			LIFE	* *	5-10	$40,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$400	
Fused Toggle Switch	1%	2-4	$2,200	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								
Molded Case Bkrs	69%			2025	$154,700	5	$2,800	
Molded Case Bkrs	20%			2042	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	60%			2024	$69,100	5	$600	
Locally Mounted	40%	2-4	$46,000	2046	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$149,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	40%			2021	$32,000	1		
Emergency, Battery	10%			2021	$21,900	10	$3,900	
Exit, Service	50%			2021	$21,900	1		
Exterior Lighting								
HID	100%			2021	$577,800	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$92,600	1	$11,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$316,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$400,000	5	$50,300	
Conversion Equipment								
Steam Boiler	100%			2024	$790,600	1	$160,800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 3- Boilers In The Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$56,700	2036	* *	4	$8,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$175,100	1	$20,100	
Convector/Radiator	80%			2031	* *	1	$42,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2026	$37,500	2	$500	
Window/Wall Unit	10%			2021	$33,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$143,400	
Exhaust Fans								
Interior	70%			2026	$125,700	2	$3,500	
Roof	30%			2026	$38,700	2	$1,500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2019	$37,800	2	$2,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : 2- Storage Tanks 175 Gals Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement : 1st Floor								
Explanation : One Freight Unit Under Construction								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 281 - BK (J. H. S. 281 - BK)

Asset # : 1287

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 285 - BK (J. H. S. 285 - BK)**		
Address	**: 5905 BEVERLY ROAD BTWN: EAST 59 ST., RALPH AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K285**
Program / Asset #	**: BOE0572.000 / 2538**	**Yr Built/Renovated**	**: 1954 / 2009**
Area Sq Ft	**: 120,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 24-Nov-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4744 Lot : 1**	**BIN**	**: 3104599**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$221,000	$688,200
Interior Architecture	$617,300	$1,144,000
Electrical	$554,600	$2,593,100
Mechanical	$31,900	$39,700
Total	**$1,424,800**	**$4,464,900**
Importance Code A	$221,000	$709,200
Importance Code B	$1,090,200	$3,715,300
Importance Code C	$113,600	$40,500
Total	**$1,424,800**	**$4,464,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,000		$4,600	
Interior Architecture	$7,500	$14,100	$4,800	$16,900
Electrical	$22,000	$1,500	$1,700	$2,300
Mechanical	$38,500	$27,100	$32,900	$31,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$126,000**	**$50,600**	**$52,000**	**$58,500**
Importance Code A	$62,900	$12,800	$17,300	$12,800
Importance Code B	$63,100	$23,800	$34,600	$45,800
Importance Code C		$14,100		
Total	**$126,000**	**$50,600**	**$52,000**	**$58,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$208,400	
Masonry: Limestone	5%			LIFE	* *	5	$8,200	
Windows								
Aluminum	100%			2042	* *	5	$43,500	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$22,900	
Masonry: Limestone	10%			LIFE	* *	5-10	$5,100	
Metal Rail	10%			2039	* *	5-10	$7,600	
Roof								
Built-Up (BUR)	95%	Now	$116,800	2026	$584,000			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium And Gimnasium								
Copper/Terne	5%			2041	* *	10	$16,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$84,300	
Ceramic Tile	5%			2035	* *	5	$9,600	
Terrazzo	5%			LIFE	* *	5	$15,100	
Vinyl Tile	20%			2031	* *	3	$14,500	
Vinyl Tile 9" X 9"	50%	Now	$318,400	2021	$1,061,400	3	$36,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Wood	10%			2061	* *	5	$36,100	
Interior Walls								
Folding Partition	5%			2048	* *	5	$28,100	
Plaster	60%			LIFE	* *	5-10	$114,700	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$39,400	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$43,600	
Exposed Concrete	55%			LIFE	* *	5-10	$119,900	
Plaster	20%			LIFE	* *	5-10	$60,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 800 Amperes Each								
Fused Disc Sw	50%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	70%	2-4	$136,800	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	30%			2052	* *	5	$900	
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$35,900	2051	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	10%	2-4	$17,900	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2048	* *	5	$300	
Molded Case Bkrs	60%			2025	$107,600	5	$1,900	
Wiring								
Braided Cloth	90%	2-4	$268,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2021	$1,372,900	10	$113,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$2,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HID	2%			2026	$20,600	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$86,800	10	$15,500	
Exit, Service	50%			2026	$17,400	1		
Exterior Lighting								
HID	100%			2021	$453,200	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$248,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Entire Boiler Room Has Been Rehabed Recently								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$127,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,300	
Terminal Devices								
Air Handler	25%			2031	* *	1	$19,900	
Convector/Radiator	75%			2031	* *	1	$31,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$800	
Window/Wall Unit	15%			2021	$39,700	1		
No Component	75%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 285 - BK (J. H. S. 285 - BK)

Asset # : 2538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$113,700	
Exhaust Fans								
Interior	90%			2031	* *	2	$3,500	
Roof	10%			2026	$10,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2046	* *	1		
Galv Iron/Steel	70%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$30,000	2	$1,900	
HW Heat Exchanger								
Low Temp	100%			2052	* *	4	$12,700	
Sanitary Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Girls Rest Room Leaks To Basement Elevator Room.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 291 - BK**
Address : **231 PALMETTO STREET @WILSON AVE.**
Borough : **BROOKLYN**
Agency's Number : **K291**
Program / Asset # : **BOE0578.000 / 1265**
Yr Built/Renovated : **1975 / 2012**
Area Sq Ft : **206,000**
Project Type : **EDUCATION**
Date of Survey : **30-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3343** **Lot** : **1**
BIN : **3076460**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$355,500	$413,200
Interior Architecture	$1,345,500	$2,467,900
Electrical	$1,096,000	$2,733,500
Mechanical	$106,400	$292,500
Total	**$2,903,400**	**$5,907,000**
Importance Code A	$355,500	$497,200
Importance Code B	$2,547,900	$5,264,100
Importance Code C		$145,700
Total	**$2,903,400**	**$5,907,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$3,800	
Interior Architecture	$102,900			$49,800
Electrical	$16,500	$18,300	$57,700	$16,100
Mechanical	$84,300	$68,900	$68,100	$76,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$207,700**	**$91,100**	**$133,600**	**$146,100**
Importance Code A	$10,800	$10,800	$15,000	$10,800
Importance Code B	$171,800	$80,300	$118,500	$118,200
Importance Code C	$25,100			$17,100
Total	**$207,700**	**$91,100**	**$133,600**	**$146,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	0-2	$60,800	LIFE	* *	5	$40,300	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2044	* *	5-10	$13,800	
Pre-Cast Concrete	58%			LIFE	* *	5	$189,800	
Windows								
Aluminum	98%	0-2	$54,200	2040	* *	5	$12,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	2%			2033	* *	10	$3,300	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$183,100	
Masonry: Brick	10%			LIFE	* *	5	$2,100	
Metal Security Bars	5%			2052	* *			
Roof								
Built-Up (BUR)	100%	Now	$240,500	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,800	
Ceramic Tile	5%	0-2	$63,400	2033	* *	5	$8,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%	0-2	$23,500	2037	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%	0-2	$222,600	2024	$2,226,300	3	$98,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%			2052	* *	5	$30,700	
Interior Walls								
Ceramic Tile	2%	0-2	$25,100	2033	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	30%			LIFE	* *	5	$54,600	
Folding Partition	3%			2040	* *	5	$34,100	
Masonry: Brick	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$54,600	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	2%			LIFE	* *	5	$36,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	2-4	$595,600	2044	* *	5	$32,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Corridor(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridor(s)								
AcousTileConcealSpLn	10%	0-2	$25,900	2029	* *	5	$20,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	0-2	$13,000	2029	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	45%	0-2	$463,800	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	15%			LIFE	* *	5	$60,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$84,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Service Switches Rated @ 2000 & 3000 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$488,700	5	$900	
Raceway								
Conduit	90%			2024	$520,200	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$47,800	5	$500	
Molded Case Bkrs	80%			2023	$382,700	5	$4,300	
Molded Case Bkrs	10%			2040	* *	5	$500	
Wiring								
Thermoplastic	90%			2024	$701,700	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$230,200	5	$1,400	
Ground								

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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	$22,000	1	$63,400	
Generators								
Natural Gas	100%			2020	$121,400	1	$79,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Rating Available								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$7,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$196,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2019	$34,900	10	$100	
Egress Lighting								
Emergency, Battery	40%			2024	$118,000	10	$21,100	
Exit, Service	60%			2024	$35,400	1		
Exterior Lighting								
HID	100%			2019	$778,000	10	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$124,700	1	$15,400	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2041	* *	1	$108,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	$10,800	
Terminal Devices								
Air Handler	60%			2032	* *	1	$81,100	
Convector/Radiator	40%			2037	* *	1	$28,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2032	* *	1	$71,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers. Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Window/Wall Unit	15%			2019	$67,400	1		
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	70%			2050	* *	4	$11,300	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2032	* *	1	$94,700	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 8 Units								
No Component	30%							
Heat Rejection								
Remote Air Cond	70%			2032	* *	2	$106,600	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,900	
Exhaust Fans								
Interior	20%			2024	$48,300	2	$1,300	
Roof	80%	Now	$13,900	2024	$139,100	2	$4,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2023	$50,900	2	$3,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 291 - BK

Asset # : 1265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$30,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement - After Heavy Rain								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B,1,2,3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%	Now	$39,000	2044	* *	1-5	$77,600	
Missing Hose/Nozzle, Extent : Moderate, Area Affected : 100%								
Location : Stairway								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$3,100	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers.								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 292 - BK**		
Address	: **300 WYONA STREET @BELMONT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K292**
Program / Asset #	: **BOE0579.000 / 1266**	**Yr Built/Renovated**	: **1967 / 2012**
Area Sq Ft	: **163,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3740** **Lot** : **1**	**BIN**	: **3083931**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$861,800	$337,400
Interior Architecture	$549,600	$3,038,100
Electrical	$1,665,800	$642,500
Mechanical	$238,300	$1,728,200
Total	**$3,315,500**	**$5,746,200**
Importance Code A	$861,800	$379,400
Importance Code B	$2,344,200	$4,915,100
Importance Code C	$109,500	$451,700
Total	**$3,315,500**	**$5,746,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,600	$8,400		
Interior Architecture	$68,700			$25,900
Electrical	$29,600	$70,100	$4,700	$4,600
Mechanical	$89,700	$51,200	$40,100	$24,300
Total	**$197,700**	**$129,700**	**$44,700**	**$54,800**
Importance Code A	$26,800	$25,900	$17,100	$17,100
Importance Code B	$154,900	$103,800	$27,600	$37,700
Importance Code C	$16,000			
Total	**$197,700**	**$129,700**	**$44,700**	**$54,800**

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	$134,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$44,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2033	* *	5-10	$30,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Under Construction	15%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Repairs In Progress								
Windows								
Wood	100%	Now	$625,600	2048	* *	5	$111,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$34,100	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	25%			LIFE	* *	5	$3,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	50%			2028	* *	5-10	$119,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	38%	Now	$9,600	2028	* *			
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Above Boys And Girls Locker Room At Lower Room								
Skylight, Metal/Glass	2%	Now	$163,700	2033	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Under Construction	60%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,300	
Ceramic Tile	3%			2026	$150,600	5	$7,800	
Sheet Vinyl/Rubber	7%	0-2	$107,600	2023	$538,000	5	$13,600	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Vinyl Tile	80%	0-2	$176,200	2023	$1,761,600	3	$77,700	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2051	* *	5	$24,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Ceramic Tile	4%	0-2	$39,800	2026	$397,700	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	4+	$16,000	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Machine Room								
Folding Partition	1%			2031	* *	5	$9,000	
Masonry: Brick	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$54,000	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$69,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$11,800	2028	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	45%	Now	$92,300	2028	* *	5	$57,000	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Boys And Girls Locker Room								
Exposed Concrete	5%	Now	$20,400	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along Top Of Roof Beam In Gymnasium								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : At Skylight Ceiling								
Gypsum Board	25%	0-2	$64,100	LIFE	* *	5	$79,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	Now	$10,600	LIFE	* *	5	$15,800	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	15%	Now	$10,000	LIFE	* *	5	$23,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Gymnasium Above Water Fountain								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps And 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$197,900	5	$600	
Fused Disc Sw	10%			2043	* *	5	$100	
Raceway								
Conduit	95%			2033	* *	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$38,100	5	$600	
Molded Case Bkrs	80%			2022	$203,300	5	$3,400	
Molded Case Bkrs	5%			2039	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2043	* *	1		
Thermoplastic	15%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$900	
Locally Mounted	20%	2-4	$23,000	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$149,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	5%			2023	$69,100	10	$300	
Incandescent	1%			2018	$19,200	2		
Egress Lighting								
Emergency, Battery	50%			2018	$116,700	10	$20,900	
Exit, Service	50%			2018	$23,300	1		
Exterior Lighting								
HID	100%			2018	$615,600	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$506,500	1-3	$30,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$53,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Of 15,000 Gals Each								

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$171,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$60,400	2033	* *	4	$8,500	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,700	2023	$186,600	1	$19,300	
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Pneumatic Control System								
Convector/Radiator	80%	Now	$26,200	2021	$1,307,500	1	$40,200	
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Thermostats, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2031	* *	2	$500	
Window/Wall Unit	50%			2018	$177,900	1		
No Component	45%							
Terminal Devices								
Fan Coil - Cooling	5%			2031	* *	1	$2,800	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,500	
Exhaust Fans								
Interior	100%			2023	$191,300	2	$5,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$25,800	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Booster Pump With Tank								
HW Heat Exchanger								
Low Temp	100%	Now	$2,700	2033	* *	4	$17,100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Coil Connection, Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

I. S. 292 - BK

Asset # : 1266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$12,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Explanation : Backsup When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : Out Of Service For Number Of Years								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$4,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 296 - BK (J. H. S. 296 - BK)**		
Address	**: 125 COVERT STREET @CENTRAL AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K296**
Program / Asset #	**: BOE0581.000 / 1268**	**Yr Built/Renovated**	**: 1961 / 2008**
Area Sq Ft	**: 157,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 28-Sep-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 3416** **Lot : 1**	**BIN**	**: 3079027**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$158,000	$143,500
Interior Architecture	$304,600	$143,800
Electrical	$1,033,000	$606,000
Mechanical	$1,250,400	$186,100
Total	**$2,746,000**	**$1,079,400**
Importance Code A	$1,020,100	$143,500
Importance Code B	$1,668,600	$882,900
Importance Code C	$57,400	$53,000
Total	**$2,746,000**	**$1,079,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$21,900	$28,500
Interior Architecture	$12,200		$25,200	
Electrical	$25,700	$2,200	$27,700	$2,400
Mechanical	$33,600	$23,600	$63,700	$23,600
Total	**$71,500**	**$25,800**	**$138,600**	**$54,500**
Importance Code A		$16,700	$38,600	$45,200
Importance Code B	$71,500	$9,200	$100,000	$9,400
Importance Code C				
Total	**$71,500**	**$25,800**	**$138,600**	**$54,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$143,500	
Windows								
Aluminum	100%			2040	* *	5	$57,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$3,400	
Roof								
Copper/Terne	5%			2039	* *	10	$21,900	
Modified Bitumen	90%			2029	* *	10	$158,000	
Skylight, Metal/Glass	5%			2034	* *	10	$29,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,200	
Ceramic Tile	5%	0-2	$12,200	2033	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Traffic Topping	5%	0-2	$62,500	2029	* *	5	$7,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium								
Vinyl Tile	80%			2034	* *	3	$75,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,800	
Masonry: Brick	5%	Now	$57,400	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	60%			LIFE	* *	5	$53,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2041	* *	5	$28,500	
AcousTileConcealSpLn	25%	Now	$184,700	2029	* *	5	$35,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5	$19,600	
Plaster	10%			LIFE	* *	5	$14,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$42,000	2054	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated @ 1600 Amps Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$219,900	5	$4,100	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2050	* *	1		
Panelboards								
Molded Case Bkrs	90%	2-4	$201,800	2049	* *	5	$1,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2040	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$312,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$800	
Locally Mounted	20%	2-4	$23,000	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$139,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	5%			2029	* *	10	$300	
Incandescent	5%			2019	$93,600	2	$200	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2019	$22,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2034	* *	10	$500	
Alarm								
Security System								
No Component	85%							
Generic	15%			2024	$71,300	1	$8,800	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$243,900	1-3	$14,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$52,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$820,000	2044	* *	1	$150,100	1
Unit Inoperable, Extent : Severe, Area Affected : 35%								
Location : Boiler # 1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$58,800	2034	* *	4	$8,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,600	2029	* *	1	$18,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control								
Convector/Radiator	80%			2037	* *	1	$43,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$259,700	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$72,700	LIFE	* *	2-5	$93,900	
Insul. Deteriorating, Extent : Light, Area Affected : 5%								
Location : Boiler Room								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 296 - BK (J. H. S. 296 - BK)

Asset # : 1268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2024	$37,200	2	$1,000	
Roof	80%	Now	$2,100	2024	$107,100	2	$3,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Explanation : Missing Covers								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$39,200	2	$2,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In Basement When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

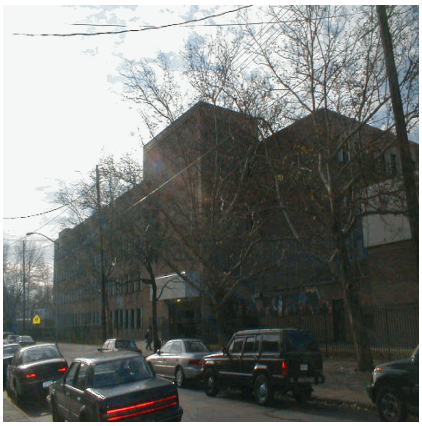
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 302 - BK**				
Address	: **350 LINWOOD STREET BTWN: ATLANTIC AVE., LIBERTY AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K302**	
Program / Asset #	: **BOE0585.000 / 1272**		**Yr Built/Renovated**	: **1970 / 2010**	
Area Sq Ft	: **171,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Nov-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **3969**	**Lot** : **1**	**BIN**	: **3088357**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$148,900	$168,900
Interior Architecture	$1,853,900	$1,971,700
Electrical		$1,492,200
Mechanical	$89,200	$1,855,100
Total	**$2,091,900**	**$5,487,900**
Importance Code A	$193,000	$1,086,200
Importance Code B	$1,235,900	$4,354,100
Importance Code C	$663,000	$47,600
Total	**$2,091,900**	**$5,487,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,800	$11,500	$8,100	
Interior Architecture	$71,100		$6,800	$26,000
Electrical	$18,100	$1,900	$3,100	$3,700
Mechanical	$86,700	$26,800	$41,000	$35,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$232,700**	**$44,100**	**$63,000**	**$69,400**
Importance Code A	$52,800	$29,400	$26,100	$18,000
Importance Code B	$141,700	$14,600	$36,800	$45,800
Importance Code C	$38,200			$5,700
Total	**$232,700**	**$44,100**	**$63,000**	**$69,400**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	12%			LIFE	* *	5	$22,500	
Masonry: Brick	75%			LIFE	* *	5	$140,900	
Metal Panel	5%			2046	* *	5-10	$32,300	
Pre-Cast Concrete	8%			LIFE	* *	5	$48,800	
Windows								
Aluminum	98%			2048	* *	5	$22,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%			2035	* *	10	$2,900	
Parapets								
Masonry: Brick	15%			LIFE	* *	5-10	$14,200	
Masonry: Brick	68%			LIFE	* *	5-10	$64,400	
Metal Panel	2%			2046	* *	5	$1,100	
Metal: Cage/Fence	13%			2039	* *	5-10	$13,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	75%			2034	* *	10	$87,200	
Built-Up (BUR)	25%	Now	$26,600	2031	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%	Now	$39,600	LIFE	* *	5	$41,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$131,600	2035	* *	5	$6,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$12,700	
Vinyl Tile	20%			2031	* *	3	$20,400	
Vinyl Tile 9" X 9"	60%	0-2	$538,700	2021	$1,795,600	3	$61,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Wood	5%	4+	$44,800	2041	* *	5	$12,700	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$11,300	
Concrete Masonry Unit	14%			LIFE	* *	5	$42,300	
Folding Partition	6%	0-2	$361,000	2034	* *	5	$28,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Panel	10%			LIFE	* *	10	$17,000	
Plaster	42%	0-2	$254,700	LIFE	* *	5	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$47,200	
Ceilings								
AcousTile,Adhered	25%	2-4	$247,200	2031	* *	5	$33,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	45%			LIFE	* *	5-10	$149,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$26,600	
Fiber Board	5%			2026	$86,800			
Plaster	20%			LIFE	* *	5-10	$91,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$33,600	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps & Three 1600 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$195,500	5	$600	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$260,100	1		
Conduit	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$25,400	5	$400	
Molded Case Bkrs	70%			2025	$177,900	5	$3,200	
Molded Case Bkrs	20%			2042	* *	5	$900	
Wiring								
Thermoplastic	90%			2026	$350,900	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$156,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	6%			2036	* *			
Egress Lighting								
Emergency, Battery	30%			2021	$73,500	10	$13,100	
Emergency, Battery	20%			2034	* *	10	$8,800	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	80%			2036	* *	10	$400	
HID	20%			2021	$129,200	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2029	* *	5	$1,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$19,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV - Surveillance Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$56,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$44,200	2024	$883,600	1	$161,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : #1 And #3 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,300	2036	* *	4	$8,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Condensate Auto Return Valve, Boiler Room								
Terminal Devices								
Air Handler	25%			2026	$244,700	1	$28,100	
Convector/Radiator	75%	0-2	$25,700	2031	* *	1	$39,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Stream Traps Faulty Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2024	$116,900	2	$600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Computer Room								
Explanation : Split Unit								
Window/Wall Unit	80%			2021	$298,500	1		
No Component	15%							
Heat Rejection								
Remote Air Cond	5%			2026	$46,100	2	$6,300	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,300	
Exhaust Fans								
Interior	60%	0-2	$6,000	2026	$120,400	2	$2,700	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Motor For Cafeteria In Basement								
Roof	40%	Now	$11,500	2026	$57,700	2	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : 50% Of Exhaust Fans And Motors Not Working On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$42,200	2	$2,600	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$17,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 302 - BK

Asset # : 1272

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2021	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 313 / 339 - BX**
Address : **1600 WEBSTER AVENUE @CLAY AVE.**
Borough : **BRONX**
Agency's Number : **X147**
Program / Asset # : **BOE0284.000 / 382**
Yr Built/Renovated : **1974 / 2012**
Area Sq Ft : **166,000**
Project Type : **EDUCATION**
Date of Survey : **15-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4,ph**
Block : **2897** **Lot** : **5** **BIN** : **2009400**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$353,600	$136,700
Interior Architecture	$99,600	$2,998,700
Electrical	$1,168,700	$1,475,100
Mechanical	$108,700	$542,400
Total	**$1,730,500**	**$5,152,900**
Importance Code A	$353,600	$157,700
Importance Code B	$1,377,000	$4,156,100
Importance Code C		$839,100
Total	**$1,730,500**	**$5,152,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,400		
Interior Architecture	$31,000	$32,100	$70,000	$31,000
Electrical	$23,100	$82,800	$10,800	$8,500
Mechanical	$87,900	$56,200	$49,200	$29,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$146,000**	**$178,400**	**$133,900**	**$73,300**
Importance Code A	$17,500	$21,000	$17,600	$17,500
Importance Code B	$128,500	$125,300	$116,200	$55,800
Importance Code C		$32,100		
Total	**$146,000**	**$178,400**	**$133,900**	**$73,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 313 / 339 - BX

Asset # : 382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$72,900	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	8%			LIFE	* *	5	$7,300	
Masonry: Limestone	10%			LIFE	* *	5	$6,800	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	2%			2043	* *	5-10	$12,500	
Windows								
Aluminum	100%	0-2	$95,100	2031	* *	5	$11,400	
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vandalism, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$11,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%			2036	* *	5-10	$12,100	
Roof								
Built-Up (BUR)	50%			2031	* *	10	$56,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	50%	2-4	$258,500	2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Under Contract For Replacement								
Interior								
Floors								
Carpet	2%			2019	$67,300	3	$7,900	
Terrazzo	1%			LIFE	* *	5	$2,100	
Vinyl Tile	94%			2023	$2,108,000	3	$124,000	
Wood	3%			2051	* *	5	$14,800	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$22,000	
Operable Wall	5%			2023	$789,600	5	$64,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Under Contract For Replacement								
Plaster	45%			LIFE	* *	5	$49,500	
SGFT/Glazed Masonry	35%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 313 / 339 - BX

Asset # : 382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%			2028	* *	5	$103,200	
AcousTile,Adhered	20%	0-2	$48,000	2028	* *	5	$25,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	40%			LIFE	* *	5	$16,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$197,900	5	$600	
Fused Disc Sw	10%			2049	* *	5	$100	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$38,100	5	$600	
Fused Knife Sw	5%	2-4	$12,700	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2022	$203,300	5	$3,500	
Wiring								
Thermoplastic	90%			2023	$312,600	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	40%			2021	$46,000	5	$400	
Motor Control Center	60%			2021	$433,400	5	$2,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 313 / 339 - BX

Asset # : 382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2028	* *	10	$129,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T12 Lamps								
Fluorescent	3%			2031	* *	10	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 113								
Explanation : T8 Lamps								
HID	2%			2018	$28,100	10	$100	
Incandescent	15%			2018	$293,600	2	$600	
Egress Lighting								
Emergency, Battery	50%			2018	$118,800	10	$21,300	
Exit, Service	50%			2018	$23,800	1		
Exterior Lighting								
HID	100%			2018	$626,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,600	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$71,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Switching Fuel Oil Project Is In Progress. #2 Fuel Oil Is Being Used For The Temporary Steam Boiler								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$174,500	
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : All Burners, Tubes, Control Panels								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 313 / 339 - BX

Asset # : 382

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$13,000	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : Steam Traps, Vacuum Pump, Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$190,000	1	$21,800	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement And Penthouse A/c Room								
Explanation : Pneumatic Control System Is Undergoing Repair								
Convector/Radiator	80%			2028	* *	1	$45,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2023	$59,800	1	$8,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Penthouse								
Window/Wall Unit	30%			2018	$108,700	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2033	* *	4	$1,300	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2023	$55,800	1	$10,900	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2023	$42,100	2	$12,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$30,400	LIFE	* *	2-5	$98,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Explanation : Air Intake Louver Linkage Broken								
Exhaust Fans								
Interior	20%			2023	$39,000	2	$1,100	
Roof	80%	Now	$5,600	2023	$112,100	2	$3,500	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 313 / 339 - BX

Asset # : 382

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	* *	1		
Galv Iron/Steel	30%	Now	$3,200	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Basement Stairway B Closet								
HW Heat Exchanger								
Low Temp	100%	Now	$10,900	2033	* *	4	$17,400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : 1 Out Of 2 Units, Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$88,900	
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$7,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 318 - BK**				
Address	: **101 WALTON STREET @ THROOP AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K318**	
Program / Asset #	: **BOE0596.000 / 1251**		**Yr Built/Renovated**	: **1968 / 2011**	
Area Sq Ft	: **151,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **08-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2246**	**Lot** : **1**	**BIN**	: **3061328**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$366,000	$158,700
Interior Architecture	$1,735,400	$197,700
Electrical	$1,714,200	$854,000
Mechanical	$56,000	$2,033,000
Total	**$3,871,500**	**$3,243,400**
Importance Code A	$366,000	$981,000
Importance Code B	$3,403,800	$2,202,300
Importance Code C	$101,700	$60,100
Total	**$3,871,500**	**$3,243,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,000			
Interior Architecture	$24,100	$19,500	$5,000	$13,500
Electrical	$10,600	$2,000	$2,800	$15,100
Mechanical	$36,700	$25,800	$47,200	$55,100
Total	**$93,500**	**$47,300**	**$55,000**	**$83,700**
Importance Code A	$37,900	$15,900	$15,900	$16,200
Importance Code B	$55,600	$31,400	$34,200	$67,500
Importance Code C			$5,000	
Total	**$93,500**	**$47,300**	**$55,000**	**$83,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$18,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	65%			LIFE	* *	5	$48,000	
Metal Panel	30%			2045	* *	5-10	$152,200	
Windows								
Aluminum	100%	4+	$324,500	2033	* *	5	$9,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%	Now	$22,000	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Expansion Joint								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	20%			2035	* *	10	$25,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2045	* *	10	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$12,500	LIFE	* *	5	$52,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$11,600	2034	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$18,000	
Vinyl Tile	35%			2030	* *	3	$31,500	
Vinyl Tile 9" X 9"	45%	2-4	$356,800	2020	$1,189,200	3	$40,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$10,000	
Concrete Masonry Unit	10%	4+	$37,100	LIFE	* *	5	$13,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$60,100	
SGFT/Glazed Masonry	25%	Now	$64,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : First Floor Corridor								
Ceilings								
AcousTile,Adhered	10%	2-4	$43,700	2030	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	30%			2038	* *	5	$88,000	
Exposed Concrete	50%			LIFE	* *	5	$18,300	
Plaster	8%			LIFE	* *	5	$11,700	
Wood	2%			LIFE	* *	5	$41,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$197,900	5	$600	
Fused Disc Sw	10%			2035	* *	5	$100	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Fused Disc Sw	5%			2033	* *	5	$200	
Molded Case Bkrs	10%			2033	* *	5	$400	
Molded Case Bkrs	75%			2024	$168,200	5	$3,000	
Wiring								
Braided Cloth	80%	2-4	$277,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2030	* *	10	$138,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	1%			2020	$12,800	10	$100	
Incandescent	5%			2020	$89,000	2	$200	
Egress Lighting								
Emergency, Battery	50%			2025	$108,100	10	$19,300	
Exit, Service	50%			2025	$21,600	1		
Exterior Lighting								
HID	100%			2020	$570,300	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$91,400	1	$11,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$547,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$394,800	5	$49,700	
Conversion Equipment								
Steam Boiler	100%			2023	$780,300	1	$158,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,000	2035	* *	4	$7,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Return Line At Basement Corridor - 1 Head Valve								
Terminal Devices								
Air Handler	20%			2025	$172,900	1	$19,800	
Convector/Radiator	80%			2030	* *	1	$41,400	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 318 - BK

Asset # : 1251

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2023	$263,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,400	
Exhaust Fans								
Interior	30%			2025	$53,200	2	$1,500	
Roof	70%	Now	$4,500	2025	$89,200	2	$2,700	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2035	* *	1		
Galv Iron/Steel	50%			2023	$239,400	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$15,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 320 - BK**
Address : **46 MCKEEVER PLACE BTWN: MONTGOMERY ST., SULLIVAN A**
Borough : **BROOKLYN**
Agency's Number : **K320**
Program / Asset # : **BOE0598.000 / 1252**
Yr Built/Renovated : **1968 / 2008**
Area Sq Ft : **158,000**
Project Type : **EDUCATION**
Date of Survey : **06-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1301** **Lot** : **1**
BIN : **3034356**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$818,900	$527,300
Interior Architecture	$624,200	$2,150,200
Electrical		$1,725,000
Mechanical	$260,300	$2,451,700
Total	**$1,703,400**	**$6,854,100**
Importance Code A	$858,600	$1,363,100
Importance Code B	$661,900	$5,491,000
Importance Code C	$182,900	
Total	**$1,703,400**	**$6,854,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,200		$9,700	
Interior Architecture	$109,200		$17,500	$24,400
Electrical	$24,900	$1,800	$2,300	$3,200
Mechanical	$42,000	$34,900	$72,900	$26,000
Total	**$192,300**	**$36,700**	**$102,400**	**$53,600**
Importance Code A	$16,200	$16,200	$25,800	$16,200
Importance Code B	$168,100	$20,500	$76,600	$37,500
Importance Code C	$8,000			
Total	**$192,300**	**$36,700**	**$102,400**	**$53,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$211,700	LIFE	* *	5	$187,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$68,000	LIFE	* *	5	$112,600	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Rooms 101, 220								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : At Building Base, East Facade, South Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 101, 220								
Windows								
Aluminum	100%			2042	* *	5	$32,400	
Hardware Missing, Extent : Light, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast in Place Concrete	82%	Now	$92,200	LIFE	* *	5	$149,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Upper Roof								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Inner Wall Of Parapet - East / West Facades								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$50,200	
Metal Panel	3%			2046	* *	5	$2,100	
Metal Rail	5%			2039	* *	5-10	$16,000	
Roof								
Built-Up (BUR)	60%			2031	* *	10	$77,200	
IRMA/Protected Membrane	40%	Now	$410,500	2036	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout Upper Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout Upper Roof								
Ponding, Extent : Moderate, Area Affected : 40%								
Location : Throughout Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout Upper Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$53,400	
Mosaic Tile	5%	2-4	$73,000	2031	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$19,100	
Vinyl Tile	20%	Now	$83,000	2026	$415,100	3	$18,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%			2021	$1,613,200	3	$73,200	
Wood	5%			2054	* *	5	$22,900	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$68,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas Meter Room - Basement								
Ceramic Tile	4%	2-4	$4,800	2035	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Concrete Masonry Unit	40%	0-2	$38,400	LIFE	* *	5	$34,500	
Diagonal Cracks, Extent : Severe, Area Affected : 3%								
Location : Electrical Room - Basement								
Masonry: Brick	5%			LIFE	* *	10	$3,200	
Operable Wall	2%			2046	* *	5	$15,100	
Plaster	44%	Now	$76,200	LIFE	* *	5	$28,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Room 214								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2039	* *	5	$12,200	
AcousTileConcealSpLn	25%	Now	$197,300	2039	* *	5	$38,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Basement And First Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	12%			LIFE	* *	5-10	$36,600	
Exposed Struc: Steel	3%			LIFE	* *	10	$14,600	
Plaster	55%	Now	$88,000	LIFE	* *	5	$83,800	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Room 214 - Steam Leak								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$700	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$400	
Molded Case Bkrs	60%			2025	$134,500	5	$2,500	
Molded Case Bkrs	30%			2042	* *	5	$1,200	
Wiring								
Thermoplastic	70%			2026	$243,200	1		
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$143,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$110,000	10	$19,700	
Exit, Service	50%			2021	$22,000	1		
Exterior Lighting								
HID	100%			2021	$596,700	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$17,700	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$50,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$39,700	2024	$793,900	1	$145,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Burner Control Panel Operating Inconsistently; Defective Exhaust Fans On Boiler #1& #2.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$56,900	2026	$1,138,600	4	$8,000	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement.								
Malfunctioning, Extent : Severe, Area Affected : 2%								
Location : Header Valve On Top Of Boiler #3.								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$8,800	2021	$175,900	1	$18,200	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Cafeteria Blower Coil. Basement								
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room - Defective Auditorium & Cafeteria Blower Fan Motor								
Convector/Radiator	80%	Now	$123,200	2031	* *	1	$37,900	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Various Locations - Defective Radiator Control Valve & Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$1,700	2019	$33,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations - An Assortment Of Mechanical Defects								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$144,000	
Exhaust Fans								
Interior	50%	Now	$9,000	2021	$90,100	2	$2,000	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : House Exhaust - Fan Room, Basement								
Roof	50%	Now	$6,500	2021	$64,800	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 40%								
Location : Roof - An Assortment Of Mechanical Defects								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$97,400	1		
Water Heater								
Electric	20%			2021	$5,100	4	$300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Explanation : 1 Unit, For Kitchen Use Only.								
No Component	80%							
HW Heat Exchanger								
Low Temp	100%			2026	$50,600	4	$24,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 320 - BK

Asset # : 1252

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$4,600	
Fire Pump								
Generic	100%			2029	* *	1	$30,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)**				
Address	: **272 MACDONOUGH STREET @ LEWIS AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K035**	
Program / Asset #	: **BOE0368.000 / 347**		**Yr Built/Renovated**	: **1926 / 1998**	
Area Sq Ft	: **130,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Mar-2012**		**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**	
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**				
Block	: **1674**	**Lot** : **11**	**BIN**	: **3047054**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,374,800	$378,200
Interior Architecture	$1,407,000	$768,700
Electrical	$1,441,000	$807,200
Mechanical	$679,800	$1,773,800
Total	**$5,902,600**	**$3,727,900**
Importance Code A	$2,374,800	$401,100
Importance Code B	$3,422,900	$3,277,300
Importance Code C	$104,900	$49,500
Total	**$5,902,600**	**$3,727,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,500	$12,700		
Interior Architecture	$20,500	$36,500		$21,700
Electrical	$5,200	$61,700	$3,800	$3,600
Mechanical	$43,200	$46,300	$39,600	$20,500
Total	**$134,400**	**$157,200**	**$43,400**	**$45,800**
Importance Code A	$80,900	$27,300	$14,300	$14,300
Importance Code B	$38,400	$129,900	$29,100	$31,500
Importance Code C	$15,100			
Total	**$134,400**	**$157,200**	**$43,400**	**$45,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)
Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$9,800	LIFE	* *	5	$15,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$157,400	LIFE	* *	5	$47,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brick	10%	Now	$42,000	LIFE	* *	5	$6,400	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead								
Vertical Cracks, Extent : Severe, Area Affected : 45%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Masonry: Limestone	5%	0-2	$19,000	LIFE	* *	5	$2,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Bands At 1926 Wing								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Bands At 1926 Wing								
Slate Panels	5%			LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Steel	10%	Now	$360,800	2048	* *	5	$39,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Wood	90%	Now	$1,744,900	2048	* *	5	$284,500	
Air Infiltration, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)
Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	25%	Now	$69,700	LIFE	* *	5	$5,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1926 Section								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 1926 section.								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1926 section.								
Masonry: Brick	65%			LIFE	* *	5	$14,400	
Masonry: Limestone	5%	Now	$12,600	LIFE	* *	5	$1,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Metal Rail	5%			2036	* *	5-10	$20,000	
Roof								
Built-Up (BUR)	95%	Now	$24,100	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Drains								
Copper/Terne	5%			2038	* *	10	$12,700	
Interior								
Floors								
Ceramic Tile	5%			2026	$229,200	5	$10,800	
Terrazzo	5%			LIFE	* *	5	$8,500	
Vinyl Tile	60%	0-2	$1,206,600	2033	* *	3	$48,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose Units, Extent : Light, Area Affected : 10%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	20%			2023	$402,200	3	$21,700	
Wood	10%			2038	* *	5	$40,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)
Asset # : 347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	10%	Now	$104,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plaster	60%			LIFE	* *	5	$44,300	
Plaster	7%	Now	$15,100	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Custodial Room In Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Custodial Room In Basement								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$21,600	
AcousTileSusp.Lay-In	5%			2028	* *	5	$10,800	
AcousTileSusp.Lay-In	5%	0-2	$95,500	2043	* *	5	$5,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Exposed Concrete	15%			LIFE	* *	5	$5,100	
Plaster	65%			LIFE	* *	5	$87,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$23,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$192,200	5	$500	
Fused Disc Sw	10%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$205,100	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)

Asset # : 347

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$24,500	5	$300	
Molded Case Bkrs	10%			2039	* *	5	$300	
Molded Case Bkrs	80%			2022	$196,000	5	$2,700	
Wiring								
Braided Cloth	70%	2-4	$228,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2023	$65,200	1		
Motor Controllers								
Locally Mounted	100%			2021	$125,700	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$128,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023	$25,200	10	$100	
Incandescent	1%			2018	$17,600	2		
Egress Lighting								
Emergency, Battery	50%			2018	$106,600	10	$17,500	
Exit, Service	50%			2018	$21,300	1		
Exterior Lighting								
HID	100%			2018	$536,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$14,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$441,300	1-3	$24,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)

Asset # : 347

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$15,400	2036	* *	1	$128,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room Adjacent To New Boilers								
Explanation : 2 Units. Old Boilers Were Never Removed, Condensate Return Is Leaking Out Of System Through Old Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$110,300	2033	* *	4	$7,100	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Condensate Return Lines Near The Water Main In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2018	$170,400	1	$17,900	
Convector/Radiator	70%			2021	$1,044,800	1	$32,700	
Fan Coil Unit/Heat	10%	Now	$4,700	2018	$236,600	1	$4,200	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$162,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,700	
Exhaust Fans								
Interior	80%	Now	$2,800	2023	$139,700	2	$2,800	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Flexible Connections, Various Areas								
Roof	20%	Now	$500	2023	$25,100	2	$700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motors And Impellers								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%	Now	$14,200	2021	$283,200	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Water Main, Throughout								
Water Heater								
Gas Fired	100%			2022	$36,800	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2023	$49,000	4	$14,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 35 - BK (J.H.S. 35 & P.S. 141 - BK)

Asset # : 347

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 3%								
Location : Room # 317								
Sump Pump(s)								
Rigid Piping	100%			2018	$12,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2018	$12,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$184,500	1-2	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 383 - BK**				
Address	: **1300 GREENE AVENUE @WILSON AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K383**	
Program / Asset #	: **BOE0613.000 / 685**		**Yr Built/Renovated**	: **1977 / 2013**	
Area Sq Ft	: **176,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3298**	**Lot** : **1**	**BIN**	: **3075413**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$113,700	$96,700
Interior Architecture	$41,000	$1,915,000
Electrical	$438,500	$1,819,700
Mechanical	$38,400	$1,122,500
Total	**$631,600**	**$4,953,900**
Importance Code A	$113,700	$138,700
Importance Code B	$517,900	$4,772,000
Importance Code C		$43,200
Total	**$631,600**	**$4,953,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,600			$10,800
Interior Architecture		$36,900	$13,100	
Electrical	$1,900	$3,300	$79,800	$1,600
Mechanical	$21,100	$30,300	$61,800	$38,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$56,500**	**$74,500**	**$158,700**	**$54,600**
Importance Code A	$29,600		$400	$10,800
Importance Code B	$26,900	$68,600	$158,300	$43,800
Importance Code C		$5,800		
Total	**$56,500**	**$74,500**	**$158,700**	**$54,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$96,700	
Windows								
Aluminum	90%			2040	* *	5	$21,700	
Aluminum	8%	Now	$16,100	2040	* *	5	$1,000	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Metal Louvers	2%			2033	* *	10	$3,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$13,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$113,700	
Metal Panel	5%	Now	$13,500	2037	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Ceramic Tile	3%			2033	* *	5	$8,400	
Terrazzo	10%			LIFE	* *	5	$21,800	
Vinyl Tile	77%			2024	$1,830,800	3	$80,700	
Wood	5%			2039	* *	5	$26,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$11,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,800	
Metal Panel	15%			LIFE	* *			
Plaster	37%			LIFE	* *	5	$43,200	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2029	* *	5	$82,100	
Exposed Concrete	50%			LIFE	* *	5	$21,400	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$25,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Main Service Switches Rated @ 2000 Amperes Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$244,400	5	$800	
Raceway								
Conduit	90%			2024	$260,100	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$25,400	5	$400	
Fused Disc Sw	10%			2040	* *	5	$400	
Molded Case Bkrs	75%			2023	$190,600	5	$3,500	
Molded Case Bkrs	5%			2040	* *	5	$200	
Wiring								
Thermoplastic	80%			2024	$311,900	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$80,600	5	$800	
Locally Mounted	20%			2037	* *	5	$200	
Under Construction	10%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	94%			2029	* *	10	$161,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2029	* *	10	$3,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
HID	2%			2019	$29,800	10	$100	
Incandescent	2%			2019	$41,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$126,000	10	$22,500	
Exit, Service	50%			2019	$25,200	1		
Exterior Lighting								
HID	100%			2024	$664,700	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$106,500	1	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : System Upgrade And Boiler Replacement In Progress								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : System Upgrade And Boiler Replacement In Progress								
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	40%			2024	$402,900	1	$46,200	
Convector/Radiator	60%			2029	* *	1	$36,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2024	$190,200	1	$26,000	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Window/Wall Unit	10%			2019	$38,400	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2034	* *	4	$4,100	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2024	$177,400	1	$34,700	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2024	$133,900	2	$39,000	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,200	
Exhaust Fans								
Interior	40%			2024	$82,600	2	$2,300	
Roof	60%			2024	$89,100	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Under Construction	100%							
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$18,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 383 - BK

Asset # : 685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$18,100	1	$11,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : C-4							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$94,200	
Sprinkler								
No Component	85%							
Generic	15%			2034	* *	1-2	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**I. S. 390 - BK**			
Address	:	**1224 PARK PLACE BTWN: ALBANY AVE., TROY AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K390**
Program / Asset #	:	**BOE0615.000 / 1240**	**Yr Built/Renovated**	:	**1984 / 2011**
Area Sq Ft	:	**212,606**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-May-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**1370** **Lot** : **29**	**BIN**	:	**3036405**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$305,000	$316,700
Interior Architecture	$1,095,200	$283,900
Electrical		$1,041,800
Mechanical	$268,400	$2,017,000
Total	**$1,668,700**	**$3,659,400**
Importance Code A	$359,900	$1,415,300
Importance Code B	$1,056,100	$2,075,400
Importance Code C	$252,600	$168,700
Total	**$1,668,700**	**$3,659,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,400			
Interior Architecture	$70,700		$31,700	$29,600
Electrical	$7,100	$4,000	$6,800	$4,000
Mechanical	$60,300	$54,700	$69,400	$56,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$192,400**	**$62,600**	**$111,800**	**$94,100**
Importance Code A	$50,400	$22,400	$22,400	$22,400
Importance Code B	$100,900	$40,200	$89,500	$71,800
Importance Code C	$41,100			
Total	**$192,400**	**$62,600**	**$111,800**	**$94,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%	Now	$180,400	LIFE	* *	5	$54,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	$35,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$75,900	
Windows								
Aluminum	100%			2051	* *	5	$29,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout2011								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$24,400	
Masonry: Brick	15%			LIFE	* *	5-10	$17,700	
Pre-Cast Concrete	80%			LIFE	* *	5	$173,400	
Roof								
Built-Up (BUR)	70%			2031	* *	10	$101,200	
Copper/Terne	5%			2054	* *	10	$18,100	
IRMA/Protected Membrane	25%			2031	* *	10	$36,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$147,800	
Ceramic Tile	5%	Now	$16,400	2035	* *	5	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$26,400	
Vinyl Tile	70%	Now	$201,100	2031	* *	3	$88,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%			2054	* *	5	$63,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$37,600	
Folding Partition	2%			2042	* *	5	$23,500	
Metal Panel	5%			LIFE	* *	10	$10,600	
Plaster	53%	Now	$99,900	LIFE	* *	5	$74,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$58,700	
Wood	5%			LIFE	* *	5	$188,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$307,400	2031	* *	5	$33,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5-10	$247,900	
Plaster	20%	Now	$43,400	LIFE	* *	5	$41,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2036	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000a Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$900	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$500	
Molded Case Bkrs	90%			2034	* *	5	$5,000	
Wiring								
Thermoplastic	95%			2036	* *	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	90%			2031	* *	5	$1,300	
Locally Mounted	10%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$198,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Fluorescent	2%			2031	* *	10	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Cfl Lamps								
HID	2%			2026	$36,000	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$27,200	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$803,000	10	$700	
Alarm								
Security System								
No Component	50%							
Generic	50%			2034	* *	1	$39,700	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$69,900	
Conversion Equipment								
Steam Boiler	100%	Now	$54,900	2024	$1,098,600	1	$201,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : #1 And #2 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$157,600	2036	* *	4	$11,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Traps And Condensate Return Lines								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2026	$304,200	1	$34,900	
Convector/Radiator	75%			2039	* *	1	$54,700	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$153,200	1	$20,900	
Window/Wall Unit	50%			2021	$232,000	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2036	* *	4	$2,200	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	* *	1	$27,900	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2031	* *	2	$31,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$199,200	
Exhaust Fans								
Interior	20%			2031	* *	2	$1,400	
Roof	80%	0-2	$14,400	2026	$143,500	2	$4,400	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : 30% Of Fans Not Working On The Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$22,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 390 - BK

Asset # : 1240

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$113,800	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 391 - BK MAHALIA JACKSON**
Address : **790 EAST NEW YORK AVENUE BTWN: TROY AVE., SCHENECTADY AVE**
Borough : **BROOKLYN** | **Agency's Number** : **K391**
Program / Asset # : **BOE0616.000 / 1241** | **Yr Built/Renovated** : **1976 / 2009**
Area Sq Ft : **164,000** | **Project Type** : **EDUCATION**
Date of Survey : **02-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **4806** **Lot** : **1** | **BIN** : **3107129**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$285,200	$361,000
Interior Architecture	$806,300	$313,100
Electrical		$3,688,000
Mechanical	$164,700	$2,314,000
Total	**$1,256,200**	**$6,676,100**
Importance Code A	$285,200	$1,208,500
Importance Code B	$666,100	$5,378,900
Importance Code C	$304,800	$88,800
Total	**$1,256,200**	**$6,676,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,200	$9,300		
Interior Architecture	$62,500			$24,400
Electrical	$4,700	$1,200	$1,400	$2,800
Mechanical	$68,700	$44,700	$62,600	$44,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$191,000**	**$59,300**	**$68,000**	**$75,400**
Importance Code A	$68,200	$26,600	$17,200	$17,200
Importance Code B	$73,000	$32,700	$50,800	$58,100
Importance Code C	$49,800			
Total	**$191,000**	**$59,300**	**$68,000**	**$75,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$63,600	
Masonry: Brick	90%			LIFE	* *	5	$114,600	
Windows								
Aluminum	100%			2048	* *	5	$18,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$62,900	
Masonry: Brick	15%			LIFE	* *	5-10	$22,700	
Metal Rail	75%			2039	* *	5-10	$300,100	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$185,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$114,000	
Ceramic Tile	5%	Now	$12,600	2035	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	75%	Now	$83,100	2031	* *	3	$73,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	4+	$85,900	2054	* *	5	$24,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	25%	2-4	$125,000	2035	* *	5	$45,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	2-4	$40,300	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	5%			2042	* *	5	$45,300	
Gypsum Board	20%			LIFE	* *	5-10	$123,200	
Plaster	30%			LIFE	* *	5-10	$92,400	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$27,200	
Ceilings								
AcousTileConcealSpLn	25%	Now	$154,700	2039	* *	5	$39,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : At Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
AcousTileConcealSpLn	40%			2031	* *	5	$127,500	
Exposed Concrete	25%			LIFE	* *	5-10	$79,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$51,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$700	
Raceway								
Conduit	90%			2036	* *	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Fused Disc Sw	5%			2025	$12,700	5	$200	
Molded Case Bkrs	20%			2042	* *	5	$900	
Molded Case Bkrs	70%			2025	$177,900	5	$3,000	
Wiring								
Thermoplastic	90%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2024	$34,500	5	$300	
Motor Control Center	70%			2031	* *	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$1,875,700	10	$154,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	1%			2021	$13,900	10	$100	
Incandescent	2%			2021	$38,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$42,800	1		
Exit, Service	50%			2021	$23,500	1		
Exterior Lighting								
HID	100%			2021	$619,400	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$99,200	1	$12,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$679,400			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
I. S. 391 - BK MAHALIA JACKSON
Asset # : 1241

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$53,900	
Conversion Equipment								
Steam Boiler	100%	Now	$17,000	2024	$847,500	1	$155,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks, #2 Burner								
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : Retubing, #1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$121,600	2036	* *	4	$8,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2026	$281,600	1	$32,300	
Convector/Radiator	70%			2031	* *	1	$39,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2021	$118,200	1	$16,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 2nd Floor A C Room								
Reciprocating Compr/Chiller	20%			2031	* *	1	$16,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 2nd Floor A C Room								
Window/Wall Unit	40%			2021	$143,200	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2026	$136,100	4	$2,600	
Chilled Wtr Pipe/Pump	20%			2046	* *	4	$2,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2026	$440,800	1	$43,100	
No Component	60%							
Heat Rejection								
Remote Air Cond	20%			2021	$166,400	2	$24,300	
Remote Air Cond	20%			2031	* *	2	$24,300	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$153,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 391 - BK MAHALIA JACKSON

Asset # : 1241

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2031	* *	2	$2,100	
Roof	60%			2026	$83,000	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,100	2026	$54,000	4	$17,200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 60%								
Location : Hot Water Pump								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, B, 1, 2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$87,800	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$1,500	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 394/210 - BK (I. S. 210 - BK)**
Address : **188 ROCHESTER AVENUE @ PARK PL.**
Borough : **BROOKLYN**
Agency's Number : **K210**
Program / Asset # : **BOE0505.000 / 1315**
Yr Built/Renovated : **1925 / 1999**
Area Sq Ft : **108,000**
Project Type : **EDUCATION**
Date of Survey : **15-Nov-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1367** **Lot** : **22**
BIN : **3036289**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$560,000	$324,200
Interior Architecture	$491,400	$181,700
Electrical	$98,800	
Mechanical	$198,600	$783,400
Total	**$1,348,900**	**$1,289,300**
Importance Code A	$560,000	$324,200
Importance Code B	$788,900	$918,500
Importance Code C		$46,600
Total	**$1,348,900**	**$1,289,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$59,700			
Interior Architecture	$94,200		$3,100	$10,400
Electrical	$1,200	$1,600	$1,200	$15,600
Mechanical	$25,100	$20,100	$29,300	$79,500
Total	**$180,200**	**$21,700**	**$33,600**	**$105,500**
Importance Code A	$70,700	$11,000	$11,000	$11,200
Importance Code B	$84,500	$10,700	$19,500	$94,300
Importance Code C	$24,900		$3,100	
Total	**$180,200**	**$21,700**	**$33,600**	**$105,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$84,000	LIFE	* *	5	$80,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cornice On East Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$185,800	
Masonry: Granite	3%	Now	$36,600	LIFE	* *	5	$4,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Marble	2%	Now	$24,800	LIFE	* *	5	$3,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : At Main Entrance								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : At Main Entrance								
Windows								
Aluminum	90%	Now	$220,000	2041	* *	5	$26,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	2-4	$219,400	2050	* *	5	$29,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,700	
Masonry: Brick	50%			LIFE	* *	5	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior Face								
Explanation : Stucco On Brick								
Masonry: Brick	40%	Now	$34,900	LIFE	* *	5	$6,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Classrooms								
Roof								
Built-Up (BUR)	100%			2033	* *	10	$57,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$4,300	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Lift In Basement								
Ceramic Tile	5%	2-4	$8,100	2034	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	2-4	$30,100	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$6,500	
Vinyl Tile	50%	2-4	$141,400	2030	* *	3	$31,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%	4+	$164,500	2040	* *	5	$46,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$6,200	
Glass: Single Pane	2%			LIFE	* *	5	$3,100	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%	2-4	$24,900	LIFE	* *	5	$46,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Third And Fifth Floor Classrooms								
Ceilings								
Ceramic Tile	5%			LIFE	* *	5	$5,200	
Exposed Concrete	10%	2-4	$26,800	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	85%	Now	$185,500	LIFE	* *	5	$88,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair 2 And Classrooms On 3rd & 5th Floors @ East Side								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd & 5th Floors Along Perimeter Walls @ East Side								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2045	* *	5	$400	
Molded Case Bkrs	10%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	97%			2030	* *	10	$98,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2030	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$13,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$12,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$34,400	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$110,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	Now	$38,800	2035	* *	4	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Pneumatic Controls And 25% Traps								
Terminal Devices								
Air Handler	20%			2025	$119,800	1	$13,700	
Convector/Radiator	50%			2030	* *	1	$17,900	
Fan Coil Unit/Heat	30%			2025	$499,000	1	$10,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$159,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	80%			2025	$98,200	2	$2,700	
Roof	20%			2025	$17,700	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$66,400	1		
Water Heater								
Gas Fired	100%			2020	$25,800	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2025	$10,500	1	$6,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 394/210 - BK (I. S. 210 - BK)

Asset # : 1315

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	92%							
Generic	8%			2035	* *	1-2	$2,500	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES**		
Address	: **100 ESSEX DRIVE @ WESTPORT ST**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R043/R047**
Program / Asset #	: **BOE1072.000 / 14418**	**Yr Built/Renovated**	: **2008 /**
Area Sq Ft	: **213,179**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2450** **Lot** : **320**	**BIN**	: **5149609**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$901,400
Interior Architecture	$194,400	$775,900
Electrical		$187,700
Mechanical		$102,400
Total	**$194,400**	**$1,967,400**
Importance Code A		$901,400
Importance Code B	$194,400	$827,600
Importance Code C		$238,500
Total	**$194,400**	**$1,967,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,800			
Interior Architecture	$19,900	$23,900		$8,000
Electrical	$18,300	$17,200	$17,200	$28,900
Mechanical	$27,400	$26,200	$43,100	$21,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$87,300**	**$79,200**	**$72,100**	**$70,500**
Importance Code A	$19,300	$11,500	$9,500	$11,500
Importance Code B	$68,000	$67,700	$62,600	$59,100
Total	**$87,300**	**$79,200**	**$72,100**	**$70,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$167,300	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$24,100	
Metal Panel	20%			2051	* *	5-10	$353,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$83,700	
Windows								
Aluminum	100%			2047	* *	5	$19,600	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$103,500	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,200	
Masonry: Brick	45%			LIFE	* *	5	$10,000	
Roof								
IRMA/Protected Membrane	100%			2033	* *	10	$193,000	
Interior								
Floors								
Carpet	5%			2026	$203,600	3	$31,900	
Cast in Place Concrete	10%			LIFE	* *	5	$69,800	
Ceramic Tile	5%			2038	* *	5	$16,000	
Quarry Tile	5%			2042	* *	5	$23,900	
Terrazzo	20%			LIFE	* *	5	$49,900	
Vinyl Tile	40%			2033	* *	3	$47,900	
Wood	15%			2060	* *	5	$89,700	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$43,400	
Gypsum Board	60%			LIFE	* *	5	$195,100	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%			2042	* *	5	$299,100	
Embossed Metal	5%			LIFE	* *	5	$7,200	
Exposed Struc: Steel	12%			LIFE	* *			
Wood	8%			LIFE	* *	5	$223,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 5000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2042	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 112.5 Kva & 225 Kva @ 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$900	
Raceway								
Conduit	100%			2051	* *	1		
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$65,600	
Generators								
Diesel	100%			2038	* *	1	$82,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Generator								
Explanation : One 400 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$7,900	
Fuel Storage								
Main Tank	100%			2060	* *	5	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Generator								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	91%			2033	* *	10	$177,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	* *	10	$9,800	
T-5 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Lobby, 1st Through 4th Floors								
HID	4%			2033	* *	10	$300	
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, LED	50%			2060	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$700	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$6,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$23,900	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2045	* *	1		
Natural Gas	90%			2045	* *	1		
Conversion Equipment								
Furnace	90%			2033	* *	1	$94,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 10 Units								
Radiant Heater	10%			2030	* *	2	$9,900	
Terminal Devices								
Induction Unit	10%			2034	* *	1	$6,900	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2033	* *	2	$10,400	
R-134a Refrigerant, Extent : Light, Area Affected : 80%								
Location : Roof								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,900	
Exhaust Fans								
Roof	100%			2033	* *	2	$6,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2024	$49,600	2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 43 - SI /CSI HS OF INTERNATIONAL STUDIES

Asset # : 14418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$13,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$59,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 51 - SI**		
Address	**: 20 HOUSTON ST. @ WILLOWBROOK RD.**		
Borough	**: STATEN ISLAND**	**Agency's Number**	**: R051**
Program / Asset #	**: BOE0971.000 / 1187**	**Yr Built/Renovated**	**: 1960 / 2010**
Area Sq Ft	**: 163,271**	**Project Type**	**: EDUCATION**
Date of Survey	**: 16-Mar-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2**		
Block	**: 1478** **Lot : 500**	**BIN**	**: 5107210**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$227,600	$82,300
Interior Architecture	$1,222,000	$223,100
Electrical	$295,300	$1,613,200
Mechanical	$45,000	$372,000
Total	**$1,790,000**	**$2,290,500**
Importance Code A	$227,600	$82,300
Importance Code B	$1,422,300	$2,157,200
Importance Code C	$140,000	$51,100
Total	**$1,790,000**	**$2,290,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,200	$33,100		
Interior Architecture	$74,200		$48,400	
Electrical	$55,900	$2,400	$2,400	$3,400
Mechanical	$43,000	$34,200	$48,900	$29,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$201,200**	**$73,600**	**$103,600**	**$37,100**
Importance Code A	$75,800	$51,100	$18,000	$18,000
Importance Code B	$93,700	$22,500	$85,600	$19,100
Importance Code C	$31,700			
Total	**$201,200**	**$73,600**	**$103,600**	**$37,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$61,300	LIFE	* *	5	$40,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2046	* *	5-10	$14,700	
Windows								
Aluminum	100%			2048	* *	5	$66,200	
Parapets								
Masonry: Brick	90%	Now	$120,200	LIFE	* *	5	$41,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$24,200	LIFE	* *	5	$5,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$46,200	2034	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2061	* *	10	$26,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$119,000	
Quarry Tile	5%			2039	* *	5	$20,400	
Terrazzo	5%	Now	$31,600	LIFE	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	75%			2034	* *	3	$76,500	
Wood	5%			2054	* *	5	$25,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$24,800	
Folding Partition	5%			2042	* *	5	$38,700	
Plaster	55%			LIFE	* *	5-10	$144,600	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$46,400	
Ceilings								
AcousTileConcealSpLn	35%	Now	$768,600	2046	* *	5	$59,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	50%	Now	$218,400	LIFE	* *	5	$21,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	2%			LIFE	* *	10	$10,900	
Fiber Board	3%			2026	$53,200			
Plaster	10%	Now	$35,600	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2026	$8,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Fused Knife Sw	80%	2-4	$33,600	2056	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$219,900	5	$4,300	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$25,400	5	$400	
Molded Case Bkrs	25%			2048	* *	5	$1,100	
Molded Case Bkrs	65%			2025	$165,200	5	$2,800	
Wiring								
Braided Cloth	85%	2-4	$295,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,800	
Lighting								
Interior Lighting								
Fluorescent	5%			2034	* *	10	$8,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	93%			2034	* *	10	$155,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Battery	40%			2021	$98,000	10	$17,500	
Emergency, Battery	10%			2034	* *	10	$4,400	
Exit, Service	45%			2021	$22,100	1		
Exit, Service	5%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$616,600	10	$500	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$18,300	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault, Basement								
Explanation : Oil #2 With A Capacity Of 1000 Gal								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$179,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$13,400	
Terminal Devices								
Air Handler	50%			2031	* *	1	$56,200	
Convector/Radiator	45%			2039	* *	1	$26,400	
Fan Coil Unit/Heat	5%			2031	* *	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2024	$112,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$160,400	
Exhaust Fans								
Interior	50%			2026	$100,400	2	$2,800	
Roof	50%			2026	$72,200	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2036	* *	1		
Galv Iron/Steel	75%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 51 - SI

Asset # : 1187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$42,300	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 225 Gal								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Covers Basement To 2nd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2046	* *	1-2	$15,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 74 - BX**
Address : **730 BRYANT AVENUE BTWN: LAFAYETTE AV - SPOFFORD AV**
Borough : **BRONX** | **Agency's Number** : **X074**
Program / Asset # : **BOE0215.000 / 475** | **Yr Built/Renovated** : **1974 / 2006**
Area Sq Ft : **139,000** | **Project Type** : **EDUCATION**
Date of Survey : **24-Oct-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2763** **Lot** : **279** | **BIN** : **2006566**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$84,000	$84,000
Interior Architecture	$338,000	$1,417,900
Electrical	$230,800	$2,074,700
Mechanical	$389,300	$2,475,600
Total	**$1,042,100**	**$6,052,100**
Importance Code A	$84,000	$844,300
Importance Code B	$958,100	$4,916,600
Importance Code C		$291,200
Total	**$1,042,100**	**$6,052,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$9,500	
Interior Architecture	$19,900	$32,400	$19,200	$21,500
Electrical	$6,400	$55,100	$4,000	$4,700
Mechanical	$83,400	$98,700	$52,500	$30,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$117,600**	**$194,100**	**$93,100**	**$64,900**
Importance Code A	$14,600	$14,900	$24,100	$14,600
Importance Code B	$103,000	$179,200	$49,800	$50,300
Importance Code C			$19,200	
Total	**$117,600**	**$194,100**	**$93,100**	**$64,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$38,200	
Concrete Masonry Unit	30%			LIFE	* *	5	$14,300	
Masonry: Brick	60%			LIFE	* *	5	$45,800	
Windows								
Aluminum	100%			2039	* *	5	$19,000	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	$5,100	
Masonry: Brick	60%			LIFE	* *	5	$6,800	
Roof								
Built-Up (BUR)	97%	Now	$84,000	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : At Third Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Third Floor Corridor								
Skylight, Metal/Glass	3%			2043	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$33,800	
Ceramic Tile	3%			2032	* *	5	$6,600	
Quarry Tile	2%			2036	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$8,600	
Vinyl Tile	60%			2023	$1,126,700	3	$66,300	
Vinyl Tile	18%	0-2	$338,000	2033	* *	3	$14,900	
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Wood	5%			2051	* *	5	$20,700	
Interior Walls								
Ceramic Tile	3%			2026	$254,400	5	$9,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,100	
Folding Partition	5%			2039	* *	5	$38,400	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	12%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$36,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2028	* *	5	$64,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor								
Exposed Concrete	60%			LIFE	* *	5	$20,300	
Plaster	10%			LIFE	* *	5	$13,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Ratings Not Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$11,200	5	$200	
Molded Case Bkrs	90%			2022	$201,800	5	$3,300	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Thermoplastic	95%			2023	$330,000	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	15%			2021	$17,300	5	$100	
Motor Control Center	85%			2021	$613,900	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$131,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2028	* *	10	$100	
Incandescent	1%			2018	$16,400	2		
Egress Lighting								
Emergency, Battery	50%			2018	$99,500	10	$17,800	
Exit, Service	40%			2018	$15,900	1		
Exit, Service	10%			2023	$4,000	1		
Exterior Lighting								
HID	100%			2028	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$431,900	1-3	$26,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Station, Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2023	$363,400	5	$45,700	
Conversion Equipment								
Steam Boiler	100%			2021	$718,300	1	$146,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$51,500	2033	* *	4	$7,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Noisy								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	40%	0-2	$6,400	2023	$318,200	1	$32,900	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Filter Motors, Fan Room								
Convector/Radiator	60%			2028	* *	1	$28,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2023	$200,300	1	$27,400	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Roof								
Window/Wall Unit	30%			2018	$91,000	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2023	$201,900	4	$2,900	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	40%	Now	$6,500	2023	$326,900	1	$32,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Areas								
Explanation : Air System Is Unbalanced								
No Component	60%							
Heat Rejection								
Remote Air Cond	40%	Now	$24,700	2018	$246,800	2	$32,900	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : 1 Unit On Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,300	
Exhaust Fans								
Interior	40%			2023	$65,200	2	$1,800	
Roof	60%	Now	$21,100	2023	$70,400	2	$2,200	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Noisy/Vibrating, Extent : Severe, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$88,100	1		
Water Heater								
Gas Fired	100%			2022	$34,300	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$1,100	2018	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Repair								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-4								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 74 - BX

Asset # : 475

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$74,400	
Sprinkler								
No Component	95%							
Generic	5%			2023	$86,100	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: I. S. 82 - BX**		
Address	**: 1700 MACOMBS ROAD @ W.176 ST.**		
Borough	**: BRONX**	**Agency's Number**	**: X082**
Program / Asset #	**: BOE0223.000 / 452**	**Yr Built/Renovated**	**: 1925 / 2013**
Area Sq Ft	**: 107,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 11-Feb-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 2866 Lot : 70**	**BIN**	**: 2008460**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$78,500	$294,800
Interior Architecture	$968,400	$461,700
Electrical	$1,103,400	$782,400
Mechanical	$88,000	$640,000
Total	**$2,238,200**	**$2,178,900**
Importance Code A	$78,500	$336,900
Importance Code B	$2,003,400	$1,783,600
Importance Code C	$156,400	$58,500
Total	**$2,238,200**	**$2,178,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,900			$9,200
Interior Architecture	$91,100			$16,400
Electrical	$10,700	$1,600	$2,600	$46,500
Mechanical	$15,100	$16,700	$26,000	$40,700
Elevators/Escalators	$8,300	$8,300	$8,300	$8,300
Total	**$150,100**	**$26,500**	**$36,900**	**$121,100**
Importance Code A	$35,500	$10,600	$10,600	$20,000
Importance Code B	$95,600	$15,900	$26,300	$101,100
Importance Code C	$19,000			
Total	**$150,100**	**$26,500**	**$36,900**	**$121,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$89,200	
Masonry: Brick	83%			LIFE	* *	5	$135,300	
Masonry: Granite	5%			LIFE	* *	5	$6,100	
Masonry: Marble	2%	2-4	$78,500	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Metal Panel	3%			2045	* *	5-10	$33,600	
Windows								
Aluminum	100%			2047	* *	5	$49,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,100	
Masonry: Brick	65%			LIFE	* *	5	$14,400	
Masonry: Brick	20%			LIFE	* *	5	$4,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$70,400	
Interior								
Floors								
Cast in Place Concrete	2%	Now	$41,900	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement Level Behind Auditorium								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Basement Level Behind Auditorium								
Ceramic Tile	3%	Now	$11,700	2028	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Toilets								
Marble Panels	5%			LIFE	* *	5	$7,600	
Vinyl Tile	65%	Now	$445,500	2030	* *	3	$49,100	
Adhesion Failure, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Throughout								
Wood	25%	4+	$166,200	2040	* *	5	$47,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$19,000	2028	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet(s)								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	85%	Now	$156,400	LIFE	* *	5	$58,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair 8, 5th Floor Classrooms, Gymnasium And Offices								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Wall At Auditorium Back Drop								
Ceilings								
AcousTile,Adhered	15%	0-2	$28,100	2023	$280,600	5	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	25%	4+	$32,400	LIFE	* *	5	$7,900	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	60%	Now	$158,400	LIFE	* *	5	$75,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Stair 8, Gymnasium And Offices								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair 8, Throughout 5th Floor Classrooms, Gymnasium And Offices								
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	100%			2025	$208,700	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	90%			2024	$161,400	5	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$238,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$59,700	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$91,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$17,100	10	$100	
Incandescent	5%			2020	$297,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$72,200	10	$12,900	
Exit, Service	50%			2020	$14,400	1		
Exterior Lighting								
HID	100%			2020	$404,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,000	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using #2 Oil								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$106,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Vacuum Pump								
Terminal Devices								
Air Handler	20%			2030	* *	1	$13,200	
Convector/Radiator	60%			2030	* *	1	$20,700	
Fan Coil Unit/Heat	20%			2025	$320,400	1	$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$88,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,700	
Exhaust Fans								
Interior	100%			2030	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2023	$319,600	1		
Water Heater								
Gas Fired	100%			2020	$24,900	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1000 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-5								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040

I. S. 82 - BX

Asset # : 452

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor To Gym								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **I. S. 84 - BX**
Address : **1434 LONGFELLOW AVENUE BTWN: JENNINGS ST.**
Borough : **BRONX** | **Agency's Number** : **X084**
Program / Asset # : **BOE0225.000 / 444** | **Yr Built/Renovated** : **1972 / 2006**
Area Sq Ft : **164,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-May-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **3007** **Lot** : **8** | **BIN** : **2010910**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$234,600	$388,300
Interior Architecture	$1,263,900	$1,133,100
Electrical	$309,700	$2,900,600
Mechanical	$164,400	$1,442,000
Total	**$1,972,600**	**$5,864,000**
Importance Code A	$234,600	$1,256,800
Importance Code B	$1,653,800	$4,509,400
Importance Code C	$84,200	$97,900
Total	**$1,972,600**	**$5,864,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,300			
Interior Architecture	$42,100	$12,200	$14,700	$22,800
Electrical	$11,400	$24,600	$13,000	$13,600
Mechanical	$46,600	$36,900	$57,100	$63,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$136,200**	**$85,600**	**$96,600**	**$111,400**
Importance Code A	$41,500	$17,200	$17,200	$17,600
Importance Code B	$79,700	$68,300	$79,400	$93,800
Importance Code C	$15,000			
Total	**$136,200**	**$85,600**	**$96,600**	**$111,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$5,100	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Masonry: Brick	85%	Now	$115,500	LIFE	* *	5	$76,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	10%			2051	* *	5-10	$61,900	
Windows								
Aluminum	97%			2047	* *	5	$21,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	3%	Now	$2,000	2034	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$12,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	30%			2033	* *	10	$33,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	30%	Now	$80,000	2025	$266,700			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	35%			2030	* *	10	$39,000	
Metal Panel	5%	Now	$6,300	2038	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	0-2	$50,500	2028	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Mosaic Tile	3%			2030	* *	5	$19,500	
Vinyl Tile	45%			2025	$997,000	3	$44,000	
Vinyl Tile	40%	Now	$886,200	2035	* *	3	$39,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Wood	2%	Now	$171,900	2065	* *	5	$4,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Small Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Small Gymnasium								
Wood	5%			2053	* *	5	$24,400	
Interior Walls								
Ceramic Tile	3%	0-2	$15,000	2034	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	2%			LIFE	* *	5	$2,900	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$54,400	
SGFT/Glazed Masonry	30%	Now	$84,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Stair #4, 1st Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Stair #4, 1st Floor								
Wood	3%			LIFE	* *	5	$43,500	
Ceilings								
AcousTile,Adhered	30%	2-4	$71,100	2038	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	2-4	$10,300	2030	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	45%			LIFE	* *	5	$17,900	
Gypsum Board	10%			LIFE	* *	5	$31,900	
Plaster	10%	Now	$16,700	LIFE	* *	5	$15,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	50%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$175,900	5	$600	
Fused Disc Sw	20%			2045	* *	5	$100	
Raceway								
Conduit	95%			2025	$235,100	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$400	
Fused Disc Sw	5%			2041	* *	5	$200	
Molded Case Bkrs	65%			2024	$165,200	5	$2,800	
Molded Case Bkrs	20%			2041	* *	5	$900	
Wiring								
Thermoplastic	80%			2025	$277,900	1		
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$50,500	
Generators								
Diesel	100%			2028	* *	1	$63,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 1- 230 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,100	
Fuel Storage								
Day Tank	50%			2033	* *	5	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 1- 30 Gals								
Main Tank	50%			2040	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1- 300 Gals								

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DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2025	$1,701,700	10	$140,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2033	* *	10	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$27,800	10	$100	
Egress Lighting								
Emergency, Service	50%			2025	$42,800	1		
Exit, Service	50%			2025	$23,500	1		
Exterior Lighting								
HID	50%			2020	$309,700	10	$300	
HID	50%			2033	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$53,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 15,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2023	$847,500	1	$172,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$8,600	
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$56,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2025	$472,700	1	$64,600	
R-22 Refrigerant, Extent : Moderate, Area Affected : 80%								
Location : Mechanical Room								
Ext Pkg Unit - Cooling	5%			2025	$40,200	2	$500	
Window/Wall Unit	15%			2020	$53,700	1		
Distribution								
Chilled Wtr Pipe/Pump	80%			2035	* *	4	$6,900	
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	90%			2030	* *	1	$50,600	
Fan Coil - Cooling	10%	Now	$2,700	2030	* *	1	$5,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,100	
Exhaust Fans								
Interior	20%			2025	$38,500	2	$1,100	
Roof	80%			2020	$110,700	2	$4,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2045	* *	4	$25,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4, B-1, Freight B-3								
Explanation : Three Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$4,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I. S. 84 - BX

Asset # : 444

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **I.S. 260 - M**				
Address	: **425 WEST 33RD STREET BTWN: 9TH AVE. - DYER AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M933**	
Program / Asset #	: **BOE1111.000 / 14567**		**Yr Built/Renovated**	:	
Area Sq Ft	: **52,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Feb-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,6**				
Block	: **731**	**Lot** : **54**	**BIN**	: **1012851**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$135,800	
Interior Architecture	$134,900	$321,400
Electrical		$50,600
Mechanical		$1,014,600
Total	**$270,700**	**$1,386,600**
Importance Code A	$135,800	
Importance Code B	$84,300	$1,386,600
Importance Code C	$50,600	
Total	**$270,700**	**$1,386,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,300			
Interior Architecture	$109,700		$10,500	$6,200
Electrical	$10,800	$600	$900	$600
Mechanical	$18,800	$12,600	$11,800	$15,700
Total	**$203,600**	**$13,200**	**$23,200**	**$22,500**
Importance Code A	$69,800	$5,500	$5,500	$5,500
Importance Code B	$76,100	$7,800	$17,800	$17,000
Importance Code C	$57,800			
Total	**$203,600**	**$13,200**	**$23,200**	**$22,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 260 - M

Asset # : 14567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$135,800	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Street Facade								
Repairs in Progress, Extent : Light, Area Affected : 40%								
Location : Street Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 40%								
Location : Street Facade								
Masonry: Limestone	10%			LIFE	* *	5	$4,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Street Facade								
Metal Panel	2%	Now	$4,600	2056	* *	5	$1,200	1
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Rooftop Bulkheads								
Stucco Cement	18%	Now	$33,500	2031	* *	5	$7,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard Facade								
Windows								
Aluminum	100%			2042	* *	5	$7,600	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5-10	$2,600	
Copper/Terne	2%			2046	* *	5	$300	
Masonry: Brick	60%	Now	$10,400	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Interior Surface Of Parapets								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : At Base Of Towers								
Sidewalk Shed Below, Extent : Moderate, Area Affected : 40%								
Location : Street Facade								
Masonry: Limestone	10%	Now	$1,600	LIFE	* *	5	$400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 40%								
Location : Street Facade								
Metal Rail	25%			2031	* *	5-10	$13,600	
Roof								
Asphalt Shingle	7%	Now	$6,100	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Rooftop Towers								
Modified Bitumen	90%			2031	* *	10	$22,700	
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%			2036	* *	10	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairway Bulkhead And Toilet Room Additions 1st Floor								
Explanation : 4 Skylights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 260 - M

Asset # : 14567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$4,300	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room Floor- Basement								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement At Boilers								
Explanation : Ground Water Infiltration								
Ceramic Tile	5%			2035	* *	5	$4,100	
Vinyl Tile	40%	Now	$84,300	2021	$281,000	3	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Repairs in Progress, Extent : Light, Area Affected : 18%								
Location : 5th Floor - No Access								
Vinyl Tile	45%			2034	* *	3	$13,900	
Patching Evident, Extent : Moderate, Area Affected : 8%								
Location : Science Labs								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Wood	5%			2054	* *	5	$7,700	
Uneven Surface, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium / Auditorium								
Explanation : Gym And Auditorium Space Located Within Adjoining Building								
Interior Walls								
Cast in Place Concrete	10%	Now	$14,500	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Wall Under Sidewalk Vault								
Ceramic Tile	5%	Now	$7,900	2035	* *	5	$2,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 8%								
Location : Throughout Stairwells								
Misaligned/Bulging, Extent : Severe, Area Affected : 3%								
Location : Stairwell B Bulkhead								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,600	
Gypsum Board	40%			LIFE	* *	5-10	$78,100	
Masonry: Brick	5%	Now	$11,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			LIFE	* *	10	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium / Gym								
Explanation : Wall Panels								
Plaster	32%			LIFE	* *	5-10	$31,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 260 - M

Asset # : 14567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	$4,000	
Exposed Concrete	5%	Now	$13,000	LIFE	* *	5	$600	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Sidewalk Vault Above Emergency Switch Gear Panel								
Gypsum Board	10%			LIFE	* *	5-10	$27,800	
Plaster	80%	Now	$17,000	LIFE	* *	5	$40,400	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Stairwell Bulkhead B								
Water Penetration, Extent : Severe, Area Affected : 7%								
Location : Stairwell Bulkhead And Room 308								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 260 - M

Asset # : 14567

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$48,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$2,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$6,700	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$5,800	
Fire/Smoke Detection								
Generic, Analog	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$17,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$54,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One #4 Oil Burning Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2026	$385,400	4	$4,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%			2024	$521,400	1	$17,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

I.S. 260 - M

Asset # : 14567

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	95%			2024	$107,800	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$7,300	
No Component	85%							
Exhaust Fans								
Roof	15%			2031	* *	2	$300	
Wall Unit	85%			2034	* *	2	$1,400	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Throughout								
Explanation : Classrooms								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Electric	25%			2024	$2,100	4	$100	
Gas Fired	75%			2025	$9,600	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **INFORMATION &TECHNOLOGY H.S. - Q**		
Address	: **21-16 44TH RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASED**
Program / Asset #	: **BOE1055.000 / 14342**	**Yr Built/Renovated**	:
Area Sq Ft	: **257,987**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-May-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **438** **Lot** : **26**	**BIN**	: **4005184**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,900	$619,000
Interior Architecture		$73,900
Electrical		$234,300
Mechanical		$5,489,600
Total	**$53,900**	**$6,416,800**
Importance Code A	$53,900	$619,000
Importance Code B		$5,723,900
Importance Code C		$73,900
Total	**$53,900**	**$6,416,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$24,400	$12,200	
Interior Architecture	$2,100		$14,000	$19,600
Electrical	$25,200	$59,200	$27,700	$29,400
Mechanical	$48,700	$99,800	$80,100	$100,600
Elevators/Escalators	$20,700	$20,700	$20,700	$20,700
Total	**$96,700**	**$204,100**	**$154,700**	**$170,300**
Importance Code A	$24,300	$48,600	$37,000	$24,300
Importance Code B	$72,400	$155,400	$117,700	$146,000
Importance Code C				
Total	**$96,700**	**$204,100**	**$154,700**	**$170,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
INFORMATION &TECHNOLOGY H.S. - Q
Asset # : 14342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	85%			LIFE	* *	5	$492,800	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : This Is A Leased Building, It Was Completely Renovated In 2003.								
Stucco Cement	15%			2036	* *	5	$43,500	
Windows								
Aluminum	95%			2039	* *	5	$24,300	
Metal Louvers	5%			2032	* *	10	$8,000	
Parapets								
Cast in Place Concrete	80%			LIFE	* *	5	$126,200	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Panel	20%			2043	* *	5	$11,800	
Roof								
Modified Bitumen	73%			2028	* *	10	$53,900	
Single Ply Membrane	25%			2028	* *	10	$18,400	
Skylight, Plastic	2%			2036	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,600	
Ceramic Tile	3%			2032	* *	5	$4,200	
Quarry Tile	2%			2036	* *	5	$4,200	
Vinyl Tile	80%			2028	* *	3	$41,900	
Wood	5%			2051	* *	5	$13,100	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	$4,100	
Concrete Masonry Unit	7%			LIFE	* *	5	$3,800	
Gypsum Board	90%			LIFE	* *	5	$73,900	
Ceilings								
AcousTileSusp.Lay-In	28%			2040	* *	5	$39,200	
Exposed Concrete	60%			LIFE	* *	5	$13,100	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	2%			LIFE	* *	5	$3,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
INFORMATION &TECHNOLOGY H.S. - Q
Asset # : 14342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$1,100	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2045	* *	5	$900	
Molded Case Bkrs	85%			2045	* *	5	$5,800	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$79,400	
Generators								
Diesel	100%			2036	* *	1	$99,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Diesel Generator Rated @ 300 Kw								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$57,500	
Fuel Storage								
Main Tank	100%			2058	* *	5	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 300 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$234,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$800	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
INFORMATION &TECHNOLOGY H.S. - Q
Asset # : 14342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$28,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Cafeteria								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$47,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	10%			2043	* *	1		
Interruptible Gas/Dual Fuel	90%			2043	* *	1		
Conversion Equipment								
Furnace	10%			2028	* *	1	$12,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : 2 Rtu Package Units								
Steam Boiler	90%			2036	* *	1	$229,900	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%			2043	* *	4	$11,400	
No Component	10%							
Terminal Devices								
Air Handler	65%			2028	* *	1	$103,700	
Convector/Radiator	25%			2036	* *	1	$20,800	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
INFORMATION &TECHNOLOGY H.S. - Q
Asset # : 14342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	90%			2024	$4,625,100	2	$14,200	
R-22 Refrigerant, Extent : Light, Area Affected : 90%								
Location : Various Locations								
Ext Pkg Unit - Heating/Cooling	10%			2028	* *	2	$1,600	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Package Units On Roof								
Distribution								
Chilled Wtr Pipe/Pump	90%			2043	* *	4	$11,400	
No Component	10%							
Heat Rejection								
Water Cool Tower	100%			2024	$740,500	2	$259,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$143,900	
Exhaust Fans								
Interior	70%			2028	* *	2	$5,500	
Roof	30%			2028	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2021	$60,000	2	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$15,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
INFORMATION &TECHNOLOGY H.S. - Q
Asset # : 14342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : 1-4								
Explanation : 2 Passenger Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-1								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	$72,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 8 - Q**
Address : **108-35 167 STREET BTWN: 108 RD., 108 DR.**
Borough : **QUEENS**
Agency's Number : **Q008**
Program / Asset # : **BOE0672.000 / 314**
Yr Built/Renovated : **1963 / 2014**
Area Sq Ft : **156,000**
Project Type : **EDUCATION**
Date of Survey : **03-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **10178** **Lot** : **1**
BIN : **4216655**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$758,700	$176,700
Interior Architecture	$1,842,100	$73,400
Electrical	$208,400	$1,783,500
Mechanical	$853,700	$2,978,100
Total	**$3,663,000**	**$5,011,800**
Importance Code A	$1,573,500	$218,700
Importance Code B	$2,041,100	$4,758,000
Importance Code C	$48,400	$35,100
Total	**$3,663,000**	**$5,011,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,800		$800
Interior Architecture	$10,500	$9,400	$3,800	$58,200
Electrical	$12,600	$13,400	$16,600	$41,300
Mechanical	$49,200	$28,900	$42,500	$120,400
Total	**$72,300**	**$54,500**	**$62,900**	**$220,700**
Importance Code A		$19,400	$16,600	$17,800
Importance Code B	$72,300	$35,100	$46,300	$202,900
Importance Code C				
Total	**$72,300**	**$54,500**	**$62,900**	**$220,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$38,400	
Masonry: Brick Cavity	90%	Now	$518,400	LIFE	* *	5	$138,200	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : West Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Brick Piers On East Facade								
Under Construction	5%							
Windows								
Aluminum	95%	Now	$240,300	2047	* *	5	$28,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2034	* *	10	$18,900	
Parapets								
Masonry: Brick Cavity	40%			LIFE	* *	5	$1,700	
Metal Panel	10%			2035	* *	5	$1,700	
Stucco Cement	50%			2038	* *	5	$5,600	
Roof								
Under Construction	100%							
Interior								
Floors								
Carpet	5%			2024	$159,900	3	$18,800	
Cast in Place Concrete	7%			LIFE	* *	5	$38,400	
Ceramic Tile	3%			2034	* *	5	$7,500	
Terrazzo	5%			LIFE	* *	5	$9,800	
Vinyl Tile	10%			2030	* *	3	$9,400	
Vinyl Tile 9" X 9"	65%	0-2	$1,793,700	2035	* *	3	$61,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%			2040	* *	5	$23,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$48,400	2034	* *	5	$4,400	
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Toilets Near Gymnasium And Gymnasium Office								
Concrete Masonry Unit	15%			LIFE	* *	5	$17,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$35,100	
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$23,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$10,500	2038	* *	5	$5,700	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
AcousTile,Adhered	23%			2030	* *	5	$52,200	
Exposed Concrete	50%			LIFE	* *	5	$17,700	
Fiber Board	5%			2030	* *			
Metal Panel	2%			LIFE	* *	5	$5,700	
Plaster	15%			LIFE	* *	5	$21,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each								
Transformers								
Dry Type	100%			2038	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 93 Kva, 208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$700	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$400	
Molded Case Bkrs	80%			2024	$179,400	5	$3,300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Braided Cloth	60%	2-4	$208,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2035	* *	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$48,000	
Generators								
Diesel	50%			2034	* *	1	$30,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Kw Exclusively For Water Pump Emergency Service								
Natural Gas	50%			2034	* *	1	$30,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 33 Kw, Exclusively For Water Pump Emergency Service								
Batteries								
Lead/Acid	50%			2019	$800	5	$2,900	
Nickel Cadmium	50%			2020	$800	5	$17,400	
Fuel Storage								
Day Tank	50%			2041	* *	5	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Available Nameplate Rating Capacity								
Underground Storage	50%			LIFE	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	92%			2033	* *	10	$141,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2033	* *	10	$9,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Auditorium								
Incandescent	1%			2020	$18,600	2		
LED	1%			2033	* *			
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$20,200	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2025	$589,200	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Staircase Landings								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$484,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$412,200	5	$51,900	
Conversion Equipment								
Steam Boiler	100%	2-4	$814,800	2045	* *	1	$149,200	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units (1 Heat Exchanger For Glycol In Basement)								
Distribution								
Hot Wtr Piping/Pump	15%			2024	$126,100	4	$1,200	
Steam Piping/Pump	85%			2025	$993,300	4	$10,500	
Terminal Devices								
Air Handler	30%			2030	* *	1	$31,100	
Convector/Radiator	70%	Now	$22,100	2023	$1,106,700	1	$34,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$34,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,300	
Exhaust Fans								
Interior	30%			2025	$55,500	2	$1,500	
Roof	70%			2025	$93,100	2	$3,600	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 8 - Q

Asset # : 314

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2018	$38,900	2	$2,400	
HW Heat Exchanger								
Low Temp	100%			2025	$51,900	4	$24,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$16,200	1	$10,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$97,700	1-2	$2,300	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 10 - Q**		
Address	: **31 AVE & 45 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q010**
Program / Asset #	: **BOE0674.000 / 316**	**Yr Built/Renovated**	: **1939 / 2009**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **714** **Lot** : **1**	**BIN**	: **4012664**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$314,200	$41,000
Interior Architecture	$934,400	$891,700
Electrical	$1,771,200	$729,600
Mechanical	$609,500	$1,128,400
Total	**$3,629,300**	**$2,790,700**
Importance Code A	$314,200	$78,000
Importance Code B	$3,052,600	$2,712,700
Importance Code C	$262,500	
Total	**$3,629,300**	**$2,790,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,300		$16,200	$22,600
Interior Architecture		$13,900	$9,700	
Electrical	$14,100	$10,200	$82,700	$9,100
Mechanical	$55,900	$20,400	$58,800	$22,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$86,100**	**$52,500**	**$175,300**	**$62,100**
Importance Code A	$18,500	$10,200	$26,700	$32,900
Importance Code B	$67,600	$42,200	$148,600	$29,300
Importance Code C				
Total	**$86,100**	**$52,500**	**$175,300**	**$62,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$123,700	LIFE	* *	5	$41,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Elevator Shaft, Into Kitchen Staff Bathroom								
Masonry: Limestone	10%	Now	$49,800	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Window Lintels								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room And Basement Corner								
Windows								
Aluminum	100%			2040	* *	5	$45,200	
Parapets								
Masonry: Brick	85%	Now	$77,600	LIFE	* *	5	$13,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%	Now	$8,300	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Coping								
Metal: Cage/Fence	10%			2029	* *	5-10	$12,200	
Roof								
Built-Up (BUR)	95%	Now	$63,100	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Roof Drains, Above Room 407 And 425								
Copper/Terne	5%			2039	* *	10	$9,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,900	
Ceramic Tile	3%			2033	* *	5	$4,600	
Terrazzo	2%			LIFE	* *	5	$2,400	
Vinyl Tile	60%			2024	$790,200	3	$34,800	
Wood	30%	Now	$306,500	2052	* *	5	$43,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 4th Floor Gyms								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Gyms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Plaster	65%	Now	$91,900	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Outside 4th Floor Elevator								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Outside 4th Floor Elevator								
SGFT/Glazed Masonry	25%	0-2	$170,600	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Around Entrance To Stair #7								
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$19,300	
Exposed Concrete	30%			LIFE	* *	5	$7,200	
Plaster	60%	0-2	$365,300	LIFE	* *	5	$58,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Around Storm Pipe In Room 407 And 425, 4th Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Storm Pipe In Room 407 And 425								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$136,800	5	$300	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	85%			2023	$152,500	5	$2,100	
Molded Case Bkrs	5%			2046	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	25%	2-4	$63,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2024	$178,900	1		
Thermoplastic	5%			2050	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%			2041	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	$22,000	1	$28,600	
Generators								
Diesel	100%			2020	$121,400	1	$36,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 156 Kva Cummins Genset								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,400	
Fuel Storage								
Main Tank	100%			2027	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	76%			2019	$873,600	10	$72,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	* *	10	$19,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fisrt Floor & Boiler Room								
Explanation : T-8 Lamps								
HID	2%			2019	$16,500	10	$100	
Incandescent	2%			2019	$23,000	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2019	$20,400	1		
Emergency, Service	10%			2032	* *	1		
Exit, Service	45%			2019	$12,600	1		
Exit, Service	5%			2032	* *	1		
Exterior Lighting								
HID	100%			2019	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$10,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$289,000	1-3	$17,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$102,500	
Distribution								
Steam Piping/Pump	25%			2050	* *	4	$1,900	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : Basement, Boiler Room Steam And Condensate Return Piping And Equipment								
Steam Piping/Pump	75%			2024	$541,900	4	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout, Steam And Condensate Return Piping Beyond Their Useful Life Cycle Limit								
Terminal Devices								
Air Handler	20%			2019	$111,600	1	$12,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, The Blowers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	60%			2022	$586,500	1	$20,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	20%	0-2	$31,000	2019	$309,900	1	$6,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms,Unit Blowers Have Multiple Mechanical And Or Electrical Deficiencies								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$85,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,700	
Exhaust Fans								
Interior	90%			2019	$102,900	2	$2,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Roof	10%			2024	$8,200	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 30%								
Location : Basement								
Galv Iron/Steel	70%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$24,100	2	$1,500	
Sanitary Piping								
Cast Iron	100%	Now	$4,500	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Basement, Janitor Slop Sink Drain Line								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 1st Floor								
Explanation : 1 Unit - Inoperable								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 10 - Q

Asset # : 316

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	$5,800	
Fire Pump								
No Component	80%							
Generic	20%			2027	* *	1	$3,900	
Chemical System								
Dry	100%			2019	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 13 - M**
Address : **1573 MADISON AVENUE @ E. 106 STREET**
Borough : **MANHATTAN**
Agency's Number : **M013**
Program / Asset # : **BOE0009.000 / 437**
Yr Built/Renovated : **1958 / 2007**
Area Sq Ft : **150,000**
Project Type : **EDUCATION**
Date of Survey : **04-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1612** **Lot** : **50**
BIN : **1051515**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$159,700	$539,200
Interior Architecture	$678,700	$142,700
Electrical	$473,200	$1,562,800
Mechanical	$178,100	$1,600,400
Total	**$1,489,700**	**$3,845,000**
Importance Code A	$198,900	$1,322,600
Importance Code B	$1,290,800	$2,476,000
Importance Code C		$46,400
Total	**$1,489,700**	**$3,845,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$400		$28,200
Interior Architecture	$10,600		$21,700	
Electrical	$29,600	$30,900	$4,600	$5,100
Mechanical	$18,300	$48,100	$36,500	$24,000
Total	**$58,500**	**$79,400**	**$62,800**	**$57,200**
Importance Code A		$16,700	$15,900	$44,100
Importance Code B	$51,500	$62,700	$46,900	$13,100
Importance Code C	$7,000			
Total	**$58,500**	**$79,400**	**$62,800**	**$57,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$143,300	
Granite Panels	3%			LIFE	* *	5	$3,300	
Windows								
Aluminum	97%			2045	* *	5	$56,300	
Metal Louvers	3%			2032	* *	10	$10,900	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$15,100	
Masonry: Brick	60%			LIFE	* *	5	$2,500	
Metal Panel	5%			2043	* *	5	$800	
Roof								
Built-Up (BUR)	60%			2028	* *	10	$80,500	
Copper/Terne	3%			2051	* *	10	$10,100	
IRMA/Protected Membrane	37%	Now	$79,200	2023	$395,900			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Second Floor Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium And Auditorium								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,700	
Ceramic Tile	3%			2032	* *	5	$7,200	
Quarry Tile	5%			2036	* *	5	$18,100	
Terrazzo	5%			LIFE	* *	5	$9,400	
Vinyl Tile	72%			2031	* *	3	$65,000	
Wood	5%	Now	$79,400	2038	* *	5	$11,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Light, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$14,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$46,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$202,800	2043	* *	5	$10,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Room 401								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
AcousTile,Adhered	40%			2028	* *	5	$87,200	
AcousTileConcealSpLn	20%	0-2	$352,800	2043	* *	5	$27,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement And First Floor Corridor,Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement, First Floor Corridor, Cafeteria								
Exposed Concrete	5%			LIFE	* *	5	$1,700	
Metal Panel	10%			LIFE	* *	5	$27,300	
Plaster	15%			LIFE	* *	5	$20,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 2000 Amperes And 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	70%			2023	$173,200	1		
Conduit	30%			2043	* *	1		
Panelboards								
Molded Case Bkrs	80%			2022	$179,400	5	$3,200	
Molded Case Bkrs	20%			2039	* *	5	$800	
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$69,100	5	$600	
Locally Mounted	20%	2-4	$23,000	2043	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	20%			2028	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$14,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
Fluorescent	86%			2028	* *	10	$126,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2018	$12,800	10	$100	
Incandescent	3%			2018	$53,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$108,500	10	$19,400	
Exit, LED	20%			2038	* *	1		
Exit, Service	30%			2018	$13,000	1		
Exterior Lighting								
HID	100%			2023	$566,500	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$466,100	1-3	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$396,400	5	$49,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$39,200	2021	$783,500	1	$143,400	
Broken, Extent : Severe, Area Affected : 5%								
Location : The Dampers Behind The Boilers								
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Tubes Of #3 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,200	2033	* *	4	$7,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Steam Valves #40, 41 & The One In Basement Supply Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$5,200	2023	$260,300	1	$26,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connection Of Auditorium Air Handler, Auditorium Fan Room								
Convector/Radiator	70%			2028	* *	1	$36,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$82,700	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,700	
Exhaust Fans								
Interior	50%			2028	* *	2	$2,500	
Roof	50%	Now	$1,300	2023	$64,000	2	$2,000	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$23,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 13 - M

Asset # : 437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$56,400	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 25 - M**				
Address	: **145 STANTON STREET BTWN: NORFOLK ST., SUFFOLK ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M025**
Program / Asset #	: **BOE0015.000 / 441**			**Yr Built/Renovated**	: **1977 / 2006**
Area Sq Ft	: **159,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **354**	**Lot**	: **80**	**BIN**	: **1004323**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$182,400	$360,000
Interior Architecture	$120,000	$149,100
Electrical	$145,500	$1,577,200
Mechanical	$208,200	$564,300
Total	**$656,100**	**$2,650,500**
Importance Code A	$182,400	$402,100
Importance Code B	$473,700	$2,201,000
Importance Code C		$47,400
Total	**$656,100**	**$2,650,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,300			
Interior Architecture		$36,500	$15,100	
Electrical	$1,800	$2,500	$3,500	$55,100
Mechanical	$59,400	$35,300	$52,800	$38,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$87,400**	**$78,300**	**$75,300**	**$97,500**
Importance Code A	$39,000	$16,700	$16,700	$17,100
Importance Code B	$48,400	$61,500	$49,800	$80,500
Importance Code C			$8,800	
Total	**$87,400**	**$78,300**	**$75,300**	**$97,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	40%			LIFE	* *	5	$174,700	
Masonry: Brick Cavity	60%			LIFE	* *	5	$52,400	
Windows								
Aluminum	97%	Now	$88,400	2047	* *	5	$10,500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	3%			2034	* *	10	$4,100	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$133,000	
Roof								
Built-Up (BUR)	95%	Now	$94,100	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Corridor By Room 402								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Corridor By Room 402								
Roll Roofing	5%	2-4	$22,300	2027	* *	5	$4,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : 0ver Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Over Stairs								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,300	
Ceramic Tile	5%			2034	* *	5	$12,600	
Panel/Paver: Cer/Brk	2%			2041	* *	5	$11,400	
Vinyl Tile	78%			2030	* *	3	$73,900	
Wood	5%			2053	* *	5	$23,700	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$17,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$14,100	
Folding Partition	5%			2041	* *	5	$43,900	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$47,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$120,000	2030	* *	5	$46,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 402								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 402								
Exposed Concrete	60%			LIFE	* *	5	$23,200	
Plaster	10%			LIFE	* *	5	$15,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$219,900	5	$700	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$400	
Molded Case Bkrs	80%			2024	$179,400	5	$3,300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Wiring								
Thermoplastic	90%			2025	$312,600	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	94%			2030	* *	10	$145,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	4%			2033	* *	10	$6,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	1%			2020	$13,500	10	$100	
Incandescent	1%			2020	$18,700	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$20,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$600,500	10	$500	
Alarm								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$17,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Gas Component Of Dual Fuel System Is Not Connected / 2 15,000 Tanks For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$167,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$23,600	2035	* *	4	$8,300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 40%								
Location : Return Tank								
Terminal Devices								
Air Handler	40%			2025	$364,000	1	$41,800	
Convector/Radiator	60%			2030	* *	1	$32,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2030	* *	1	$15,700	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Fan Room								
Window/Wall Unit	60%			2020	$208,200	1		
No Component	20%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	20%			2035	* *	4	$1,700	
No Component	80%							
Terminal Devices								
Direct Expansion	20%			2025	$83,800	1		
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2030	* *	2	$23,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,100	
Exhaust Fans								
Interior	40%			2025	$74,600	2	$2,100	
Roof	60%			2030	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$16,700	
Sanitary Piping								
Cast Iron	100%	Now	$7,300	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 3%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$10,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%	Now	$300	2051	* *	1-5	$59,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Stairwells								
Explanation : Standpipe Valves Have No Handles								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,400	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - M

Asset # : 441

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 25 - Q**		
Address	: **34-65 192 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q025**
Program / Asset #	: **BOE0688.000 / 1198**	**Yr Built/Renovated**	: **1970 / 2012**
Area Sq Ft	: **161,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **5261** **Lot** : **1**	**BIN**	: **4119139**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$161,700	$262,800
Interior Architecture	$2,699,600	$60,800
Electrical	$326,900	$3,173,000
Mechanical	$286,400	$4,587,000
Total	**$3,474,600**	**$8,083,600**
Importance Code A	$161,700	$1,136,800
Importance Code B	$3,312,900	$6,886,000
Importance Code C		$60,800
Total	**$3,474,600**	**$8,083,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,400			$8,300
Interior Architecture		$9,200	$25,600	$5,800
Electrical	$40,200	$6,500	$5,200	$5,400
Mechanical	$41,300	$52,900	$84,100	$43,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$115,900**	**$72,500**	**$118,800**	**$66,900**
Importance Code A	$47,100	$16,900	$17,300	$25,200
Importance Code B	$68,800	$50,300	$101,600	$41,800
Importance Code C		$5,300		
Total	**$115,900**	**$72,500**	**$118,800**	**$66,900**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$39,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Masonry: Brick	70%			LIFE	* *	5	$55,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	15%			LIFE	* *	5	$38,400	
Windows								
Aluminum	80%			2040	* *	5	$16,500	
Glass Block	3%			LIFE	* *	5	$400	
Metal Louvers	2%			2033	* *	10	$2,600	
Steel	15%	Now	$161,700	2049	* *	5	$19,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$13,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	10%			2037	* *	5-10	$29,500	
Roof								
IRMA/Protected Membrane	35%			2034	* *	10	$47,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Auditorium								
Metal Panel	5%			2037	* *	10	$12,500	
Modified Bitumen	60%			2034	* *	10	$82,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2033	* *	5	$7,700	
Panel/Paver: Cer/Brk	2%			2040	* *	5	$11,500	
Vinyl Tile	80%			2019	$1,740,000	3	$76,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	10%	Now	$168,700	2052	* *	5	$24,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Under Construction	5%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$10,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,100	
Plaster	57%			LIFE	* *	5	$60,800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Under Construction	5%							
Ceilings								
AcousTile,Adhered	25%	Now	$581,900	2044	* *	5	$31,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	50%			LIFE	* *	5	$19,600	
Metal Panel	5%			LIFE	* *	5	$15,600	
Metal Panel	5%	0-2	$209,000	LIFE	* *	5	$15,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	10%			LIFE	* *	5	$15,600	
Under Construction	5%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$700	
Raceway								
Conduit	98%			2024	$242,500	1		
Conduit	2%			2034	* *	1		
Panelboards								
Fused Disc Sw	28%			2023	$71,200	5	$1,000	
Fused Disc Sw	2%			2032	* *	5	$100	
Molded Case Bkrs	70%			2023	$177,900	5	$3,000	
Wiring								
Thermoplastic	98%			2024	$340,400	1		
Thermoplastic	2%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%	2-4	$34,500	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Locally Mounted	30%			2022	$34,500	5	$300	
Motor Control Center	40%	2-4	$288,900	2044	* *	5	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2024	$1,784,500	10	$147,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2032	* *	10	$3,100	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	1%			2024	$19,000	10	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2024	$13,600	10	$100	
Incandescent	2%			2019	$38,000	2	$100	
Egress Lighting								
Emergency, Battery	40%			2024	$92,200	10	$16,500	
Exit, Service	60%			2024	$27,700	1		
Exterior Lighting								
HID	100%			2032	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$18,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$30,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Manual Pull Station And Smoke Detectors								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$52,900	
Conversion Equipment								
Steam Boiler	100%	Now	$16,600	2022	$832,000	1	$152,300	
Malfunctioning, Extent : Severe, Area Affected : 2%								
Location : Oil Transfer Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$59,700	2024	$1,193,300	4	$8,400	
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Traps And Vacuum Condensate Pumps								
Terminal Devices								
Air Handler	50%			2024	$460,700	1	$52,800	
Convector/Radiator	30%			2029	* *	1	$16,600	
Fan Coil Unit/Heat	20%			2024	$511,800	1	$11,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$46,400	2024	$232,000	1	$28,500	
Corroded, Extent : Severe, Area Affected : 40%								
Location : All 3 Units								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : #1 And #3 Coils								
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Basement A C Room								
Window/Wall Unit	40%			2019	$140,500	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2034	* *	4	$5,100	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2024	$324,600	1	$31,700	
Fan Coil - Cool/Heat	10%	Now	$5,200	2024	$258,800	1	$5,000	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Connections To Piping Throughout								
No Component	60%							
Heat Rejection								
Remote Air Cond	40%			2024	$326,700	2	$47,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,300	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 25 - Q

Asset # : 1198

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%			2024	$56,700	2	$1,600	
Roof	70%			2024	$95,100	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%	Now	$7,700	2022	$153,100	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Main Shut Off Valves								
Water Heater								
Gas Fired	100%			2019	$39,800	2	$2,500	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$25,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$99,800	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 43 - M**
Address : **509 WEST 129 STREET BTWN: AMSTERDAM AVE, OLD BROAD**
Borough : **MANHATTAN**
Agency's Number : **M043**
Program / Asset # : **BOE0024.000 / 1664**
Yr Built/Renovated : **1936 / 2010**
Area Sq Ft : **126,000**
Project Type : **EDUCATION**
Date of Survey : **15-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1984** **Lot** : **33**
BIN : **1059723**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$222,700	$58,000
Interior Architecture	$1,412,700	$207,900
Electrical	$684,800	$861,400
Mechanical	$946,300	$230,600
Total	**$3,266,400**	**$1,357,900**
Importance Code A	$222,700	$79,000
Importance Code B	$2,921,200	$1,240,900
Importance Code C	$122,500	$38,000
Total	**$3,266,400**	**$1,357,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,500			
Interior Architecture	$19,000	$11,200		$26,500
Electrical	$1,400	$1,800	$2,800	$50,400
Mechanical	$37,400	$27,000	$38,000	$89,400
Total	**$72,300**	**$40,100**	**$40,800**	**$166,300**
Importance Code A	$28,400	$13,900	$13,900	$14,200
Importance Code B	$24,900	$22,600	$27,000	$149,800
Importance Code C	$19,000	$3,600		$2,400
Total	**$72,300**	**$40,100**	**$40,800**	**$166,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	94%			LIFE	* *	5	$58,000	
Masonry: Granite	4%			LIFE	* *	5	$1,900	
Masonry: Limestone	2%			LIFE	* *	5	$900	
Windows								
Aluminum	100%	0-2	$128,400	2041	* *	5	$30,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$20,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	96%			2030	* *	10	$94,300	
Copper/Terne	2%			2053	* *	10	$4,900	
Skylight, Metal/Glass	2%	Now	$14,500	2035	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,000	
Ceramic Tile	3%			2040	* *	5	$6,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$81,300	2040	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Restrooms								
Mosaic Tile	2%			2030	* *	5	$10,500	
Terrazzo	2%			LIFE	* *	5	$3,300	
Traffic Topping	2%			2025	$52,100	5	$5,200	
Vinyl Tile	29%			2030	* *	3	$22,800	
Vinyl Tile	50%	Now	$892,100	2035	* *	3	$39,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Classrooms								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Tiles								
Wood	5%	0-2	$69,200	2053	* *	5	$9,800	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2028	* *	5	$7,200	
Ceramic Tile	2%			2040	* *	5	$4,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	3%			LIFE	* *	5	$2,900	
Glass: Single Pane	2%	Now	$71,800	LIFE	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%	2-4	$19,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	53%	2-4	$50,800	LIFE	* *	5	$38,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$3,300	
Plaster	90%	0-2	$247,500	LIFE	* *	5	$117,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Fire Pump								
Fused Disc Sw	25%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Roon								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$11,200	5	$100	
Molded Case Bkrs	80%			2024	$179,400	5	$2,700	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$59,700	1		
Motor Controllers								
Locally Mounted	80%			2023	$92,100	5	$700	
Locally Mounted	20%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$126,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2020	$31,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$16,900	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$475,900	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$14,100	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$138,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$48,900	2035	* *	4	$6,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%	Now	$3,800	2025	$75,600	1	$7,800	
Broken, Extent : Severe, Area Affected : 5%								
Location : 2 Motors								
Convector/Radiator	50%			2030	* *	1	$22,600	
Fan Coil Unit/Heat	40%			2020	$839,700	1	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Univents								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$2,900	2020	$57,600	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,200	
Exhaust Fans								
Interior	100%			2025	$155,000	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$32,600	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 43 - M

Asset # : 1664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - Duplex Set / 1 Single Pump								
Backflow Preventer								
No Component	90%							
Generic	10%			2025	$1,400	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Feed Line Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Explanation : Under Construction								
Fire Pump								
Generic	100%			2038	* *	1	$26,200	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 45 - M**		
Address	: **2351 1ST AVENUE BTWN: EAST 120 ST., EAST 124 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M045**
Program / Asset #	: **BOE0026.000 / 1666**	**Yr Built/Renovated**	: **1958 / 2002**
Area Sq Ft	: **175,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **1797** **Lot** : **100**	**BIN**	: **1054786**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$716,300	$322,600
Interior Architecture	$169,200	$1,925,300
Electrical	$1,984,100	$810,900
Mechanical	$468,600	$620,800
Total	**$3,338,200**	**$3,679,600**
Importance Code A	$716,300	$364,600
Importance Code B	$2,536,300	$3,251,000
Importance Code C	$85,500	$64,000
Total	**$3,338,200**	**$3,679,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$21,100
Interior Architecture	$62,400	$26,300	$8,200	$24,600
Electrical	$14,600	$600	$2,000	$51,000
Mechanical	$56,900	$30,800	$45,000	$61,300
Total	**$134,000**	**$57,800**	**$55,200**	**$158,100**
Importance Code A	$18,600	$18,600	$18,600	$40,100
Importance Code B	$115,400	$39,200	$28,400	$118,000
Importance Code C			$8,200	
Total	**$134,000**	**$57,800**	**$55,200**	**$158,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	25%			LIFE	* *	5	$201,900	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$120,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Granite Panels	5%			LIFE	* *	5	$6,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$567,600	2041	* *	5	$33,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	25%			2045	* *	5-10	$12,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	65%			LIFE	* *	5	$3,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	25%			2030	* *	10	$39,100	
Copper/Terne	5%			2040	* *	10	$19,600	
IRMA/Protected Membrane	70%			2030	* *	10	$109,600	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$14,600	LIFE	* *	5	$61,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$27,200	2034	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$11,000	
Vinyl Tile	70%	Now	$83,600	2025	$1,672,700	3	$73,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room B-9								
Wood	10%			2053	* *	5	$52,700	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$16,400	
Plaster	65%	Now	$85,500	LIFE	* *	5	$64,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$20,600	2038	* *	5	$15,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor Near Cafeteria								
Exposed Concrete	10%			LIFE	* *	5	$4,000	
Plaster	80%			LIFE	* *	5	$127,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2045	* *	5	$200	
Molded Case Bkrs	80%			2025	$195,500	5	$3,700	
Raceway								
Conduit	10%			2045	* *	1		
Conduit	90%			2025	$260,100	1		
Panelboards								
Fused Disc Sw	10%			2024	$25,400	5	$400	
Fused Toggle Switch	2%	2-4	$5,100	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 2%								
Location : Stage Auditorium								
Molded Case Bkrs	78%			2024	$198,200	5	$3,600	
Molded Case Bkrs	10%			2041	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$311,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$163,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2020	$45,000	10	$200	
Incandescent	2%			2020	$41,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$126,600	10	$22,700	
Exit, Service	50%			2020	$25,300	1		
Exterior Lighting								
HID	100%			2020	$660,900	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$634,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$185,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$65,500	2035	* *	4	$9,300	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	20%	Now	$10,100	2025	$202,500	1	$20,900	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Coils, Basement Fan Room & Gymnasium Penthouse								
Convector/Radiator	80%			2030	* *	1	$48,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$270,200	1		
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,700	
Exhaust Fans								
Interior	50%			2025	$103,800	2	$2,900	
Roof	50%			2020	$74,600	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2035	* *	1		
Galv Iron/Steel	40%	Now	$4,500	2023	$224,300	1		
Not in Service, Extent : Severe, Area Affected : 2%								
Location : Water Valve To The Pool, Sub Basement								
Water Heater								
Gas Fired	100%			2024	$43,700	2	$2,700	
HW Heat Exchanger								
Low Temp	100%	0-2	$58,200	2055	* *	4	$18,600	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Sub Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Sanitary Piping								
Cast Iron	100%	Now	$8,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Duplex Sets								
Pool Filter/Treatment								
Sand	100%			2038	* *	4		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Basement								
Explanation : Flooding Ball Is Missing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$2,600	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 45 - M

Asset # : 1666

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 47 - M (SCHL FOR DEAF)**		
Address	: **223 EAST 23 STREET @ SECOND AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M047**
Program / Asset #	: **BOE0028.000 / 1669**	**Yr Built/Renovated**	: **1925 / 1999**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,6**		
Block	: **904** **Lot** : **24**	**BIN**	: **1019775**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,419,800	$255,600
Interior Architecture	$1,177,300	$126,200
Electrical	$2,150,000	$1,004,900
Mechanical	$145,100	$3,437,900
Total	**$4,892,300**	**$4,824,700**
Importance Code A	$1,419,800	$276,700
Importance Code B	$2,911,700	$4,507,700
Importance Code C	$560,700	$40,300
Total	**$4,892,300**	**$4,824,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,600			$8,700
Interior Architecture	$74,000			$35,600
Electrical	$15,100	$1,900	$2,200	$23,700
Mechanical	$60,600	$19,500	$49,100	$63,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$164,100**	**$33,200**	**$63,100**	**$143,500**
Importance Code A	$2,600	$3,900		$8,900
Importance Code B	$139,700	$29,300	$63,100	$134,600
Importance Code C	$21,800			
Total	**$164,100**	**$33,200**	**$63,100**	**$143,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$54,200	
Masonry: Brick	30%			LIFE	* *	5	$20,800	
Masonry: Brick	50%	Now	$313,700	LIFE	* *	5	$34,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Side Of 1925 Wing								
Stucco Cement	10%			2030	* *	5	$17,300	
Windows								
Aluminum	30%			2041	* *	5	$18,400	
Aluminum	25%	0-2	$64,400	2033	* *	5	$7,700	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Steel	10%	Now	$321,200	2050	* *	5	$38,400	
Air Infiltration, Extent : Light, Area Affected : 25%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 65%								
Location : Throughout								
Explanation : Caulking Deteriorated								
Wood	35%	Now	$604,100	2050	* *	5	$107,600	
Air Infiltration, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : 1925 Wing								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 30%								
Location : 1925 Wing								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$1,400	
Masonry: Brick	85%	Now	$70,300	LIFE	* *	5	$12,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : 1925 Wing								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : 1925 Wing								
Pre-Cast Concrete	5%	Now	$2,600	LIFE	* *	5	$4,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping At 1925 Wing								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Coping At 1925 Wing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	70%			2030	* *	10	$46,000	
Cast in Place Concrete	30%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	10%	Now	$20,400	LIFE	* *	5	$43,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$57,100	2028	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%	2-4	$45,700	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	2-4	$100,300	2030	* *	3	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$173,200	2030	* *	3	$29,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	10%			2040	* *	5	$36,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$141,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$92,600	2034	* *	5	$5,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%	2-4	$21,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	2-4	$89,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$107,700	LIFE	* *	5	$40,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : Stair #4 New Wing								
SGFT/Glazed Masonry	15%	2-4	$129,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	10%	Now	$31,700	2030	* *	5	$12,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	35%	Now	$55,500	2030	* *	5	$34,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	15%	Now	$94,700	LIFE	* *	5	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Ash Hoist At 1925 Wing								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	35%	Now	$90,100	LIFE	* *	5	$42,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - West Wings								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - East Wings								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2025	$117,300	5	$300	
Fused Disc Sw	40%			2035	* *	5	$200	
Raceway								
Conduit	70%			2025	$146,100	1		
Conduit	30%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement - West Wings								
Molded Case Bkrs	30%			2033	* *	5	$900	
Molded Case Bkrs	55%			2024	$98,700	5	$1,700	
Wiring								
Braided Cloth	50%	2-4	$149,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout West Wings								
Thermoplastic	30%			2035	* *	1		
Thermoplastic	20%			2025	$59,700	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$800	
Ground								
Grounding Devices								
Generic	50%	2-4	$4,800	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Generic	50%			LIFE	* *	5	$900	
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	30%			2025	$437,500	10	$36,100	
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	60%			2020	$875,100	10	$72,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	2%			2020	$21,000	10	$100	
Incandescent	5%			2020	$72,900	2	$100	
Under Construction	3%							
Egress Lighting								
Emergency, Battery	50%			2025	$88,600	10	$15,800	
Exit, Service	50%			2025	$17,700	1		
Exterior Lighting								
HID	100%			2020	$445,700	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$107,100	1	$13,200	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$427,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2028	* *	5	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam / Hot Water Converters Supply Hot Water To Heating Devices								
Distribution								
Hot Wtr Piping/Pump	25%			2033	* *	4	$2,400	
Steam Piping/Pump	75%			2025	$687,600	4	$7,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$141,600	1	$16,200	
Convector/Radiator	40%			2023	$496,100	1	$17,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building, Radiators Are Beyond Their Useful Life Cycle								
Convector/Radiator	20%			2030	* *	1	$8,500	
Fan Coil Unit/Heat	20%			2025	$393,200	1	$8,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%	Now	$8,500	2023	$169,100	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor Fan Room, Multiple Mechanical And / Or Electrical Deficiencies								
Reciprocating Compr/Chiller	70%			2025	$312,000	1	$42,600	
Ext Pkg Unit - Cooling	10%			2025	$60,600	2	$800	
Window/Wall Unit	10%			2020	$27,000	1		
Distribution								
Chilled Wtr Pipe/Pump	70%			2035	* *	4	$4,500	
No Component	30%							
Terminal Devices								
Fan Coil - Cool/Heat	40%			2025	$994,200	1	$17,000	
No Component	60%							
Heat Rejection								
Air Condenser Unit	70%			2025	$183,600	2	$64,000	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,200	
Exhaust Fans								
Interior	100%	Now	$2,900	2020	$145,100	2	$3,200	
Damaged, Extent : Moderate, Area Affected : 35%								
Location : 3rd Floor Fan Room And Other Locations, Badly Deteriorated Flexible Connection								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%	Now	$1,500	2024	$30,500	2	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Unit Not Working Properly								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 47 - M (SCHL FOR DEAF)

Asset # : 1669

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Has Been Replaced With New Gas Fired Water Heater								
Sanitary Piping								
Cast Iron	75%	Now	$10,700	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Basement Level 2 Of 12 Cracked Sanitary Lines								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building, Sanitary Piping Is Beyond Its Useful Life Cycle								
Cast Iron	25%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing Of The Building, Storm Piping Is Beyond Its Useful Life Cycle								
Cast Iron	25%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Sump Pump Is Beyond Its Useful Life Cycle								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C, M, 1-5 (1) C, B-2								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2035	* *	1-5	$17,200	
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 50 - BK**		
Address	: **183 SOUTH 3RD STREET @ROEBLING ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K050**
Program / Asset #	: **BOE0379.000 / 1403**	**Yr Built/Renovated**	: **1915 / 2000**
Area Sq Ft	: **115,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2419** **Lot** : **1**	**BIN**	: **3063128**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$491,400	$53,400
Interior Architecture	$570,000	$146,800
Electrical	$374,200	$2,542,900
Mechanical	$772,800	$150,400
Total	**$2,208,300**	**$2,893,600**
Importance Code A	$1,156,300	$53,400
Importance Code B	$1,052,000	$2,800,900
Importance Code C		$39,200
Total	**$2,208,300**	**$2,893,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,900		$9,300	
Interior Architecture	$37,100		$26,300	$9,600
Electrical	$12,600	$2,900	$18,600	$2,600
Mechanical	$88,100	$24,300	$31,600	$18,000
Total	**$155,600**	**$27,100**	**$85,900**	**$30,100**
Importance Code A	$17,900	$12,700	$22,000	$12,700
Importance Code B	$137,800	$14,500	$63,900	$17,500
Importance Code C				
Total	**$155,600**	**$27,100**	**$85,900**	**$30,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%	Now	$119,900	2059	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 0%								
Location : At North Stair Over Roof								
Masonry: Brick	60%	Now	$113,800	LIFE	* *	5	$37,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Masonry: Brick	25%			LIFE	* *	5	$15,700	
Masonry: Limestone	10%			LIFE	* *	5	$4,700	
Windows								
Aluminum	100%			2046	* *	5	$58,300	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$4,100	
Masonry: Brick	60%	Now	$56,500	LIFE	* *	5	$9,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 404								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	10%			2037	* *	5-10	$29,400	
Roof								
Built-Up (BUR)	70%			2029	* *	10	$52,300	
Copper/Terne	5%			2039	* *	10	$9,300	
IRMA/Protected Membrane	25%	Now	$148,900	2034	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : 1951 Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 404								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1951 Wing								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,900	
Terrazzo	5%			LIFE	* *	5	$7,500	
Vinyl Tile	35%			2019	$570,000	3	$25,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1951 Wing								
Explanation : 9x9 Units								
Vinyl Tile	40%			2029	* *	3	$38,300	
Wood	10%			2039	* *	5	$35,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,400	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$29,400	
Plaster	15%			LIFE	* *	5	$9,800	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$19,100	
AcousTileConcealSpLn	15%			2037	* *	5	$35,900	
Exposed Concrete	20%			LIFE	* *	5	$6,000	
Plaster	55%			LIFE	* *	5	$65,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	$42,000	2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available, Obsolete Equipment								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$195,500	5	$3,000	
Raceway								
Conduit	90%			2024	$187,800	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	60%			2023	$107,600	5	$1,800	
Molded Case Bkrs	25%			2032	* *	5	$800	
Molded Case Bkrs	15%			2040	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$238,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$600	
Locally Mounted	20%			2029	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$1,393,000	10	$115,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 And T-12 Lamps								
Incandescent	2%			2024	$28,400	2	$100	
Egress Lighting								
Exit, Service	15%			2024	$5,200	1		
Exit, Service	35%			2019	$12,100	1		
Exit, Battery	15%			2024	$17,700	10	$1,300	
Exit, Battery	35%			2019	$41,200	10	$3,000	
Exterior Lighting								
HID	100%			2024	$434,300	10	$400	
Alarm								
Security System								
No Component	85%							
Generic	15%			2019	$52,200	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2029	* *	1-3	$14,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$6,300	2034	* *	5	$19,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Transfer Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$622,900	2044	* *	1	$114,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$44,700	2034	* *	4	$6,300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Steam Piping								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Traps And Vacuum Condensate Pumps								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	Now	$3,500	2024	$69,000	1	$7,100	
Broken, Extent : Severe, Area Affected : 20%								
Location : Damaged Coils, Kitchen Fan								
Convector/Radiator	90%			2029	* *	1	$37,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$105,200	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	20%			2024	$28,300	2	$800	
Roof	80%	Now	$8,100	2024	$81,400	2	$2,500	
Broken, Extent : Severe, Area Affected : 35%								
Location : Fan Motors - Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$7,600	2029	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 2%								
Location : Hot Water Mixing Valve								
Water Heater								
Gas Fired	100%	0-2	$29,800	2024	$29,800	2	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$19,000	
Sanitary Piping								
Cast Iron	100%	Now	$27,800	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 15%								
Location : Connection To City Sewer								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,800	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 50 - BK

Asset # : 1403

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 56 - M**				
Address	: **220 HENRY STREET BTWN: CLINTON ST., MONTGOMERY**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M056**
Program / Asset #	: **BOE0033.000 / 1674**			**Yr Built/Renovated**	: **1968 / 2008**
Area Sq Ft	: **153,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **269**	**Lot**	: **41**	**BIN**	: **1003223**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$748,900	$119,800
Interior Architecture	$2,044,300	$710,000
Electrical	$1,369,100	$911,300
Mechanical	$250,400	$354,600
Total	**$4,412,700**	**$2,095,700**
Importance Code A	$748,900	$161,800
Importance Code B	$3,663,800	$1,873,000
Importance Code C		$60,900
Total	**$4,412,700**	**$2,095,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,500	$9,500		
Interior Architecture			$6,100	$50,000
Electrical	$10,700	$1,700	$2,800	$28,600
Mechanical	$66,100	$12,600	$30,000	$7,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$91,200**	**$27,800**	**$42,900**	**$90,300**
Importance Code A	$10,500	$14,400		$300
Importance Code B	$80,700	$13,500	$42,900	$90,000
Importance Code C				
Total	**$91,200**	**$27,800**	**$42,900**	**$90,300**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$75,600	
Masonry: Brick Cavity	5%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$3,200	
Windows								
Aluminum	100%			2047	* *	5	$20,900	
Parapets								
Metal: Cage/Fence	100%	Now	$49,300	2030	* *	5	$40,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25% *Location : Lower Roof*								
Deteriorated Finish, Extent : Moderate, Area Affected : 50% *Location : Lower Roof*								
Roof								
Built-Up (BUR)	25%	Now	$119,100	2035	* *			
Vegetation Growth, Extent : Light, Area Affected : 15% *Location : Over Shop Roof*								
Water Penetration, Extent : Moderate, Area Affected : 15% *Location : Shop Roof*								
Worn/Eroded, Extent : Moderate, Area Affected : 25% *Location : Shop Roof*								
IRMA/Protected Membrane	70%	Now	$580,500	2035	* *			
Fishmouths, Extent : Moderate, Area Affected : 100% *Location : Lower Gymnasium*								
Insul Deter/Miss, Extent : Moderate, Area Affected : 30% *Location : Gymnasium*								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25% *Location : Gymnasium And Main Roofs*								
Metal Panel	5%			2038	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,200	
Ceramic Tile	5%			2034	* *	5	$12,200	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile 9" X 9"	70%	Now	$1,874,400	2035	* *	3	$63,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Worn/Eroded, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Wood	10%			2040	* *	5	$45,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$6,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$60,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$132,700	2045	* *	5	$11,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
AcousTileConcealSpLn	25%			2023	$481,100	5	$74,300	
AcousTileSusp.Lay-In	5%			2030	* *	5	$11,900	
Exposed Concrete	50%			LIFE	* *	5	$18,600	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$77,700			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$219,900	5	$700	
Raceway								
Conduit	85%			2025	$210,300	1		
Conduit	15%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$11,200	5	$200	
Molded Case Bkrs	80%			2024	$179,400	5	$3,200	
Molded Case Bkrs	15%			2033	* *	5	$600	
Wiring								
Braided Cloth	85%	2-4	$295,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$57,600	5	$500	
Locally Mounted	50%			2030	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Paint								
Lighting								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$138,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2030	* *	10	$4,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
HID	2%			2020	$25,900	10	$100	
Incandescent	2%			2020	$36,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$109,500	10	$19,600	
Exit, Service	50%			2025	$21,900	1		
Exterior Lighting								
HID	100%			2020	$577,800	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$92,600	1	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$316,900	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%	Now	$5,400	2035	* *	1		
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Explanation : Insulation Needed								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2028	* *	5	$9,600	
Distribution								
Steam Piping/Pump	100%	Now	$22,700	2035	* *	4	$8,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$3,500	2025	$175,100	1	$18,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Equipment Room, Defective Auditorium Stage Blower Motor								
Convector/Radiator	80%			2030	* *	1	$42,000	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms, Defective Thermostats And / Or Temperature Control Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	0-2	$25,000	2020	$250,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,600	
Exhaust Fans								
Interior	20%	Now	$700	2025	$35,900	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement Mechanical Room, Defective Gymnasium Exhaust Fan Motor								
Roof	80%			2025	$103,300	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
HW Heat Exchanger								
Low Temp	100%			2051	* *	4	$16,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Equipment Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex								
Backflow Preventer								
Generic	100%			2033	* *	1	$9,900	
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

J. H. S. 56 - M

Asset # : 1674

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : 1 Side Walk Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2051	* *	1-2	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves 1st Floor Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 57 - BK**		
Address	: **125 STUYVESANT AVENUE BTWN: GREENE AVE., VAN BUREN ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K057**
Program / Asset #	: **BOE0385.000 / 1407**	**Yr Built/Renovated**	: **1954 / 2011**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1616** **Lot** : **1**	**BIN**	: **3043822**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$275,400	$264,200
Interior Architecture	$1,624,800	$932,000
Electrical	$1,404,900	$99,400
Mechanical	$58,700	$414,500
Total	**$3,363,800**	**$1,710,100**
Importance Code A	$275,400	$264,200
Importance Code B	$2,967,800	$1,404,800
Importance Code C	$120,700	$41,100
Total	**$3,363,800**	**$1,710,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$2,500
Interior Architecture	$132,300			$37,000
Electrical	$23,900	$1,700	$1,700	$17,900
Mechanical	$45,700	$19,800	$32,100	$19,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$205,900**	**$25,400**	**$37,700**	**$81,100**
Importance Code A	$13,900	$14,100	$14,100	$17,000
Importance Code B	$101,900	$11,300	$23,600	$64,200
Importance Code C	$90,100			
Total	**$205,900**	**$25,400**	**$37,700**	**$81,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$174,300	LIFE	* *	5	$115,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,600	
Windows								
Aluminum	100%	0-2	$101,100	2041	* *	5	$24,100	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	5%			2030	* *	5-10	$4,200	
Roof								
Modified Bitumen	100%			2035	* *	10	$148,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	8%	Now	$35,500	LIFE	* *	5	$37,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	3%	2-4	$12,400	2034	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%	0-2	$29,800	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%			2035	* *	5	$13,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	45%	0-2	$81,700	2025	$817,200	3	$36,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	31%	2-4	$145,900	2020	$729,300	3	$24,800	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%			2040	* *	5	$20,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$20,600	2034	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	5%	2-4	$27,700	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Folding Partition	3%	2-4	$29,800	2033	* *	5	$9,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	4%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$38,900	
Plaster	3%	Now	$12,000	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Corridor Near Room B27, Stair To Boiler Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$120,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	70%	Now	$435,600	LIFE	* *	5	$21,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Plaster	30%	Now	$76,100	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2045	* *	5	$100	
Fused Disc Sw	90%			2055	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2055	* *	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Knife Sw	5%	0-2	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
Fused Toggle Switch	5%	2-4	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2041	* *	5	$2,800	
Molded Case Bkrs	10%			2024	$22,400	5	$400	
Wiring								
Braided Cloth	65%	2-4	$225,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2045	* *	1		
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	60%	0-2	$69,100	2045	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms								
Locally Mounted	40%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$125,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2035	* *	10	$2,600	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Gym								
HID	2%			2025	$22,800	10	$100	
Egress Lighting								
Emergency, Battery	40%			2025	$77,000	10	$13,800	
Emergency, Battery	10%			2035	* *	10	$3,400	
Exit, Service	40%			2020	$15,400	1		
Exit, Service	10%			2035	* *	1		
Exterior Lighting								
HID	100%			2020	$502,300	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$14,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%	0-2	$482,100	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$13,900	2030	* *	1	$127,200	
Leak Evident, Extent : Severe, Area Affected : 60%								
Location : Rear Of #1 Boiler, Tubes Of 3 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,900	2035	* *	4	$7,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,100	2025	$153,900	1	$15,900	
Damaged, Extent : Light, Area Affected : 80%								
Location : Flexible Connections, Vibration Isolators Rotted Out								
Convector/Radiator	80%			2030	* *	1	$36,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$58,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 57 - BK

Asset # : 1407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%	Now	$2,800	2025	$142,000	2	$3,100	
Damaged, Extent : Severe, Area Affected : 10%								
Location : Flexible Connections								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Fan Rooms								
Explanation : Vibration Isolators Rotted								
Roof	10%			2030	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$33,200	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B To 1								
Explanation : 1 Unit - Out Of Service / Welded Shut Motor Room In Disrepair								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$83,300	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 67 - Q**		
Address	: **51-60 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q067**
Program / Asset #	: **BOE0721.000 / 558**	**Yr Built/Renovated**	: **1956 / 2008**
Area Sq Ft	: **149,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **8221** **Lot** : **12**	**BIN**	: **4170797**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$198,300
Interior Architecture	$200,600	$621,800
Electrical	$1,028,600	$2,758,800
Mechanical	$323,300	$396,100
Total	**$1,552,500**	**$3,975,100**
Importance Code A		$198,300
Importance Code B	$1,552,500	$3,704,200
Importance Code C		$72,600
Total	**$1,552,500**	**$3,975,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,000	$20,800		$27,000
Interior Architecture	$13,500		$16,500	$7,500
Electrical	$3,900	$23,900	$2,800	$2,500
Mechanical	$34,800	$46,900	$36,100	$22,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$84,100**	**$95,500**	**$59,200**	**$63,900**
Importance Code A	$43,900	$37,000	$15,800	$42,900
Importance Code B	$40,200	$58,500	$43,400	$21,000
Importance Code C				
Total	**$84,100**	**$95,500**	**$59,200**	**$63,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	2%			2043	* *	10	$2,600	
Masonry: Brick	90%			LIFE	* *	5	$122,600	
Masonry: Brick	3%			LIFE	* *	5	$4,100	
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	100%			2045	* *	5	$54,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$4,400	
Metal Rail	15%			2036	* *	5-10	$14,100	
Roof								
Built-Up (BUR)	43%			2031	* *	10	$71,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Gymnasium, Auditorium And Cafeteria								
Copper/Terne	5%			2038	* *	10	$20,800	
Single Ply Membrane	50%	Now	$28,000	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Room 317								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 317								
Skylight, Metal/Glass	2%			2033	* *	10	$11,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2032	* *	5	$12,000	
Terrazzo	5%			LIFE	* *	5	$9,300	
Vinyl Tile	55%			2028	* *	3	$49,400	
Vinyl Tile	25%			2023	$508,600	3	$29,900	
Wood	5%			2051	* *	5	$22,400	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$72,600	
Folding Partition	3%			2031	* *	5	$20,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$8,400	
SGFT/Glazed Masonry	17%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$87,600	2043	* *	5	$6,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 25%								
Location : Gymnasium								
AcousTileConcealSpLn	5%			2036	* *	5	$13,500	
AcousTileConcealSpLn	30%			2028	* *	5	$81,200	
Exposed Concrete	40%			LIFE	* *	5	$13,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 317								
Metal Panel	10%	Now	$72,300	LIFE	* *	5	$27,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Sub Basement								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Sub Basement								
Plaster	10%			LIFE	* *	5	$13,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2043	* *	5	$200	
Fused Knife Sw	50%	2-4	$110,000	2053	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	20%			2023	$44,000	5	$800	
Raceway								
Conduit	85%			2033	* *	1		
Conduit	15%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$200	
Fused Disc Sw	10%			2022	$22,400	5	$300	
Fused Knife Sw	15%			2048	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	60%			2022	$134,500	5	$2,400	
Molded Case Bkrs	10%			2039	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	10%			2023	$34,700	1		
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$900	
Motor Control Center	10%			2021	$72,200	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	20%			2023	$355,100	10	$29,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	74%			2023	$1,314,000	10	$108,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$38,300	10	$200	
Incandescent	3%			2018	$53,300	2	$100	
Egress Lighting								
Emergency, Battery	10%			2028	* *	10	$3,900	
Emergency, Battery	40%			2018	$86,300	10	$15,400	
Exit, Service	40%			2028	* *	1		
Exit, Service	10%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$562,700	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$463,000	1-3	$27,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$49,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$158,300	
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : Retubing #1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$11,800	
Terminal Devices								
Air Handler	20%	Now	$3,400	2023	$172,400	1	$17,800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections, Various Areas								
Convector/Radiator	80%	Now	$60,400	2028	* *	1	$37,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Valves, Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$262,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,100	
Exhaust Fans								
Interior	40%			2023	$70,700	2	$2,000	
Roof	60%			2023	$76,300	2	$2,900	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%	2-4	$1,900	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2021	$37,200	2	$2,300	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$23,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 67 - Q

Asset # : 558

Mechanical System Component Type	Current Repair % of Total	Fail Date (Years)	Estimated Cost	Future Replacement Year FY	Estimated Cost	Maintenance Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 70 - M**
Address : **333 WEST 17 STREET @ 8TH - 9TH AVES.**
Borough : **MANHATTAN**
Agency's Number : **M070**
Program / Asset # : **BOE0043.000 / 1677**
Yr Built/Renovated : **1966 / 2011**
Area Sq Ft : **150,000**
Project Type : **EDUCATION**
Date of Survey : **31-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **741** **Lot** : **10**
BIN : **1079152**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$168,300
Interior Architecture	$1,836,300	$185,300
Electrical	$313,900	$1,093,500
Mechanical	$163,700	$2,703,800
Total	**$2,313,900**	**$4,150,900**
Importance Code A		$964,500
Importance Code B	$2,313,900	$3,139,700
Importance Code C		$46,700
Total	**$2,313,900**	**$4,150,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,200	$22,900		
Interior Architecture	$5,000	$50,100	$3,000	
Electrical	$34,800	$11,300	$13,200	$10,100
Mechanical	$67,300	$54,600	$54,000	$30,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$132,100**	**$146,800**	**$78,100**	**$48,800**
Importance Code A	$33,000	$39,000	$15,800	$15,800
Importance Code B	$94,200	$107,800	$62,300	$33,000
Importance Code C	$5,000			
Total	**$132,100**	**$146,800**	**$78,100**	**$48,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$65,900	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Masonry: Brick	3%			LIFE	* *	5	$2,500	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : Bulkheads*								
Pre-Cast Concrete	10%			LIFE	* *	5	$26,800	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : South Facade*								
Pre-Cast Concrete	2%			LIFE	* *	5	$5,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Window Sills*								
Window Wall	5%			2043	* *	5	$15,500	
Windows								
Aluminum	98%			2048	* *	5	$20,100	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Aluminum	2%	Now	$17,200	2048	* *	5	$200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50% *Location : Bulkheads* *Unit Inoperable, Extent : Moderate, Area Affected : 100%* *Location : Bulkheads*								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$11,500	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,800	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Coping*								
Roof								
Built-Up (BUR)	40%			2033	* *	10	$40,800	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Lower Roof*								
Copper/Terne	2%			2038	* *	10	$5,100	
IRMA/Protected Membrane	58%			2033	* *	10	$59,100	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Main Roof*								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,100	
Ceramic Tile	3%			2026	$138,600	5	$7,200	
Terrazzo	5%			LIFE	* *	5	$9,300	
Vinyl Tile	10%			2028	* *	3	$8,900	
Vinyl Tile	72%			2018	$1,459,000	3	$64,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$22,300	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$9,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$19,900	
Masonry: Brick	10%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$46,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$35,000	
AcousTileConcealSpLn	20%	4+	$377,300	2043	* *	5	$29,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	40%			LIFE	* *	5	$14,600	
Metal Panel	10%			LIFE	* *	5	$29,200	
Plaster	15%			LIFE	* *	5	$21,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 3000 Amps								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 800 Amps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2036	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kva, 208/480/277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	80%			2023	$198,000	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$11,200	5	$200	
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	80%			2022	$179,400	5	$3,200	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	50%	2-4	$173,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2023	$104,200	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$69,100	5	$600	
Locally Mounted	20%	2-4	$23,000	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	20%			2021	$23,000	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2028	* *	10	$140,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2023	$35,400	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lamps								
HID	2%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$107,400	10	$19,200	
Exit, Service	50%			2023	$21,500	1		
Exterior Lighting								
HID	100%			2028	* *	10	$500	
Alarm								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$136,100	1	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
Generic	100%			2031	* *	1-3	$92,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Manual Pull Stations, Horns, Strobe Lights, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$392,200	5	$49,300	
Conversion Equipment								
Steam Boiler	100%			2021	$775,100	1	$157,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units - Retubing May Be Needed Soon								
Distribution								
Steam Piping/Pump	100%	Now	$22,200	2033	* *	4	$7,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Steam Head Valves - Vacuum Pump, Basement Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 80%								
Location : Vacuum Pump, Basement Boiler Room								
Terminal Devices								
Air Handler	40%			2023	$343,400	1	$39,400	
Convector/Radiator	60%			2028	* *	1	$30,900	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2023	$216,200	1	$29,500	
Window/Wall Unit	50%			2018	$163,700	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2043	* *	4	$3,100	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2023	$453,600	1	$39,400	
No Component	60%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 70 - M

Asset # : 1677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	40%			2023	$342,400	2	$44,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,800	
Exhaust Fans								
Interior	30%			2023	$52,800	2	$1,500	
Roof	70%			2023	$88,600	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$4,900	2033	* *	4	$15,700	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Units Leaks, 1st Floor Fan Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) 1-4, (1) B-1								
Explanation : 2 Units. The Freight Elevator Is Not In Operation								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 72 - Q**		
Address	: **133-25 GUY R. BREWER BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q072**
Program / Asset #	: **BOE0726.000 / 970**	**Yr Built/Renovated**	: **1967 / 2011**
Area Sq Ft	: **148,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **12495** **Lot** : **270**	**BIN**	: **4270059**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$265,900
Interior Architecture	$1,783,800	$175,600
Electrical	$1,331,500	$2,682,500
Mechanical	$129,200	$442,200
Total	**$3,244,500**	**$3,566,200**
Importance Code A		$307,900
Importance Code B	$3,244,500	$3,209,200
Importance Code C		$49,100
Total	**$3,244,500**	**$3,566,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,400	$500	$9,300	
Interior Architecture	$5,900	$72,900		
Electrical	$5,800	$41,200	$4,300	$4,200
Mechanical	$72,900	$58,500	$35,900	$22,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$94,900**	**$177,100**	**$53,500**	**$30,400**
Importance Code A	$21,700	$16,400	$24,900	$15,600
Importance Code B	$73,200	$160,700	$28,600	$14,900
Importance Code C				
Total	**$94,900**	**$177,100**	**$53,500**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$101,600	
Masonry: Brick	60%			LIFE	* *	5	$48,800	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	5	$4,100	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Elevator Wing								
Pre-Cast Concrete	10%			LIFE	* *	5	$26,400	
Windows								
Aluminum	5%			2048	* *	5	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : New Elevator Wing								
Aluminum	92%			2039	* *	5	$18,600	
Metal Louvers	3%			2032	* *	10	$3,800	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$111,400	
Metal Rail	10%	0-2	$6,400	2028	* *	5	$8,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Lower Roofs								
Roof								
Metal Panel	5%			2043	* *	10	$9,200	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Elevator Wing								
Under Construction	95%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,400	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Ground Water								
Ceramic Tile	5%			2032	* *	5	$11,800	
Vinyl Tile	70%			2018	$1,399,600	3	$61,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	5%			2033	* *	3	$4,400	
Wood	10%			2038	* *	5	$44,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$13,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,500	
Folding Partition	5%			2031	* *	5	$40,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$49,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$57,500	
Exposed Concrete	45%			LIFE	* *	5	$16,200	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$75,100			
Gypsum Board	5%			LIFE	* *	5	$14,400	
Metal Panel	10%	Now	$384,200	LIFE	* *	5	$28,800	
Deformed/Dented, Extent : Moderate, Area Affected : 35%								
Location : Fourth Floor Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Plaster	10%			LIFE	* *	5	$14,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 2000 And 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$600	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	25%			2022	$56,100	5	$900	
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	5%			2039	* *	5	$200	
Molded Case Bkrs	65%			2022	$145,700	5	$2,500	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$500	
Locally Mounted	50%			2028	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	87%			2023	$1,518,200	10	$125,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2023	$174,500	10	$14,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	1%			2023	$12,500	10	$100	
Incandescent	2%			2018	$34,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$106,000	10	$19,000	
Exit, Service	50%			2023	$21,200	1		
Exterior Lighting								
HID	100%			2018	$559,000	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$459,900	1-3	$27,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$48,700	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$15,300	2028	* *	1	$140,000	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Burner Of #1 Boiler, Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : Tubing At Boiler #3								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$11,600	
Terminal Devices								
Air Handler	25%			2023	$211,800	1	$24,300	
Convector/Radiator	75%			2028	* *	1	$38,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2017	$129,200	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$27,100	LIFE	* *	2-5	$87,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room								
Exhaust Fans								
Interior	20%			2023	$34,700	2	$1,000	
Roof	80%	Now	$20,000	2023	$99,900	2	$3,100	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Covers, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$36,500	2	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 72 - Q

Asset # : 970

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$55,000	1-2	$1,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 99 - M**				
Address	: **410 EAST 100 STREET @FIRST AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M099**
Program / Asset #	: **BOE0057.000 / 1713**			**Yr Built/Renovated**	: **1925 / 2013**
Area Sq Ft	: **115,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1693**	**Lot**	: **1**	**BIN**	: **1052998**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,536,800	$50,300
Interior Architecture	$1,006,100	$1,168,800
Electrical	$1,286,400	$451,500
Mechanical	$172,400	$879,600
Total	**$4,001,700**	**$2,550,200**
Importance Code A	$1,536,800	$79,700
Importance Code B	$1,835,300	$2,431,200
Importance Code C	$629,600	$39,200
Total	**$4,001,700**	**$2,550,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,100			
Interior Architecture	$108,500	$19,200	$9,000	$2,400
Electrical	$4,000	$4,800	$38,400	$3,800
Mechanical	$67,500	$22,000	$36,500	$26,700
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$189,100**	**$50,900**	**$88,800**	**$37,800**
Importance Code A	$16,800	$12,700	$12,900	$12,700
Importance Code B	$131,800	$38,200	$75,900	$25,200
Importance Code C	$40,500			
Total	**$189,100**	**$50,900**	**$88,800**	**$37,800**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$455,300	LIFE	* *	5	$50,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Exit At Stair #5								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : Along 99th Street								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Along 99th Street								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Contract In Order. Work To Begin December 2012								
Masonry: Granite	13%			LIFE	* *	5	$6,100	
Marble Panels	2%			LIFE	* *	5	$900	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,200	
Windows								
Aluminum	100%	Now	$732,500	2040	* *	5	$29,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 5th Floor								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,100	LIFE	* *	5	$12,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Gymnasium Roof								
Masonry: Brick	90%			LIFE	* *	5	$14,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	85%	Now	$58,200	2019	$290,900			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : West Side Of Gymnasium, Throughout								
Plaza Roof: Stone Panels	15%			2044	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Explanation : Partial Garden Roof								
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$62,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Minor Surface Cracking.								
Ceramic Tile	5%			2033	* *	5	$9,600	
Terrazzo	5%			LIFE	* *	5	$7,500	
Vinyl Tile	60%			2024	$977,100	3	$43,100	
Vinyl Tile	10%	Now	$32,600	2032	* *	3	$7,200	
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%			2039	* *	5	$18,000	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$30,100	2033	* *	5	$5,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Toilets								
Concrete Masonry Unit	10%	Now	$48,400	LIFE	* *	5	$8,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Corridor								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Corridor								
Other Observation, Extent : Moderate, Area Affected : 21%								
Location : Throughout Basement Corridors								
Explanation : Possible Foundation Settlement May Be Cause Of Cacking In Concrete Block Walls								
Masonry: Brick	10%	Now	$42,500	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Mosaic Tile	2%	Now	$224,000	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Main Lobby								
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Main Lobby								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Main Lobby								
Marble Panels	3%	Now	$10,400	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Vestibule								
Plaster	60%	Now	$314,800	LIFE	* *	5	$39,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor Classrooms								
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor Classrooms								
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$23,900	
AcousTileSusp.Lay-In	5%			2037	* *	5	$9,600	
Fiber Board	5%	Now	$18,700	2029	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Lunch Room								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$12,000	
Plaster	75%	Now	$376,400	LIFE	* *	5	$89,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 501,502,511, Bulkheads #3 And #4, Corridor Near Exit #6								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 1600 Amps Each								
Fused Disc Sw	30%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$195,500	5	$3,000	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$17,900	5	$300	
Molded Case Bkrs	10%			2040	* *	5	$300	
Molded Case Bkrs	75%			2023	$134,500	5	$2,300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2054	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$600	
Locally Mounted	20%			2037	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	8%			2029	* *	10	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	* *	10	$2,300	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	86%			2029	* *	10	$100,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	4%			2019	$56,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$86,300	10	$15,400	
Exit, LED	2%			2052	* *	1		
Exit, Service	48%			2019	$16,600	1		
Exterior Lighting								
HID	20%			2029	* *	10	$100	
HID	80%			2019	$347,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$12,900	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$416,900	1-3	$24,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : (1) - 8,000 Gallon Tank W/ #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$126,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$6,300	
Terminal Devices								
Air Handler	20%	Now	$13,800	2024	$138,000	1	$14,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Serves Auditorium								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement								
Convector/Radiator	50%			2029	* *	1	$20,700	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Throughout								
Fan Coil Unit/Heat	30%	0-2	$172,400	2024	$574,800	1	$11,200	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Deficiencies To Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2022	$39,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations, Multiple Mechanical And Or Electrical Deficiencies								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	90%	Now	$25,500	2024	$127,300	2	$2,800	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Roof	10%			2024	$10,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Galv Iron/Steel	80%	0-2	$6,100	2029	* *	1		
Corroded, Extent : Light, Area Affected : 2%								
Location : Valves In Basement								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 99 - M

Asset # : 1713

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	10%			2023	$2,000	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (1) 120 Gallon Unit Serving Labs								
Gas Fired	90%			2022	$26,800	2	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (1) 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To First Floor								
Explanation : 1 Frieght Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,800	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 101 - BX**				
Address	: **2750 LAFAYETTE AVENUE @ CROSS BRONX EXPY.**				
Borough	: **BRONX**		**Agency's Number**	: **X101**	
Program / Asset #	: **BOE0241.000 / 432**		**Yr Built/Renovated**	: **1957 / 2003**	
Area Sq Ft	: **152,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **15-Feb-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **5547**	**Lot** : **1**	**BIN**	: **2080231**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$998,700	$669,200
Interior Architecture	$1,660,400	$127,700
Electrical	$1,886,800	$1,744,900
Mechanical	$425,700	$3,411,700
Total	**$4,971,600**	**$5,953,500**
Importance Code A	$1,078,100	$1,505,100
Importance Code B	$3,893,500	$4,401,400
Importance Code C		$47,000
Total	**$4,971,600**	**$5,953,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,900	$18,000	$27,000	
Interior Architecture	$10,400	$80,100		
Electrical	$21,500	$20,100	$5,100	$4,700
Mechanical	$19,200	$51,700	$41,500	$26,400
Total	**$65,000**	**$169,900**	**$73,700**	**$31,100**
Importance Code A	$13,900	$34,400	$43,200	$16,200
Importance Code B	$46,800	$135,400	$30,500	$15,000
Importance Code C	$4,300			
Total	**$65,000**	**$169,900**	**$73,700**	**$31,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$32,600	
Masonry: Brick	93%			LIFE	* *	5	$129,200	
Metal Panel	2%			2043	* *	5-10	$19,100	
Windows								
Aluminum	98%			2039	* *	5	$54,000	
Aluminum	2%	Now	$13,900	2045	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Gymnasium								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Parapets								
Metal Rail	100%			2028	* *	5-10	$95,800	
Roof								
Copper/Terne	3%			2038	* *	10	$12,800	
Modified Bitumen	95%	Now	$940,600	2033	* *			
Blisters, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Skylight, Metal/Glass	2%			2023	$502,400	10	$11,300	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$37,400	
Ceramic Tile	5%			2032	* *	5	$12,200	
Terrazzo	3%			LIFE	* *	5	$5,700	
Vinyl Tile	80%			2018	$1,660,400	3	$73,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$22,900	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$8,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,400	
Folding Partition	5%			2031	* *	5	$35,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$47,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$33,200	
AcousTileConcealSpLn	20%			2028	* *	5	$55,300	
Exposed Concrete	48%			LIFE	* *	5	$16,600	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2023	$43,300			
Metal Panel	2%			LIFE	* *	5	$5,500	
Plaster	10%			LIFE	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Main Disconnect Service Switches 2 @ 600 Amps And 2 @ 800 Amps								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$219,900	5	$4,000	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2033	* *	1		
Panelboards								
Molded Case Bkrs	80%			2031	* *	5	$3,200	
Molded Case Bkrs	20%			2045	* *	5	$800	
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	85%			2021	$97,800	5	$900	
Locally Mounted	15%	Now	$17,300	2043	* *	5	$100	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	50%			2018	$905,700	10	$74,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	46%			2023	$833,300	10	$68,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	1%			2018	$13,000	10	$100	
Incandescent	3%			2018	$54,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$110,000	10	$19,700	
Exit, Service	50%			2023	$22,000	1		
Exterior Lighting								
HID	100%			2018	$574,100	10	$500	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$138,000	1	$17,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$28,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$401,700	5	$50,500	
Conversion Equipment								
Steam Boiler	100%	Now	$79,400	2021	$793,900	1	$145,400	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : #2 Unit. Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,900	2023	$1,138,700	4	$8,000	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	25%			2023	$219,800	1	$25,200	
Convector/Radiator	75%			2028	* *	1	$39,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$251,400	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 101 - BX

Asset # : 432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%			2023	$126,200	2	$3,500	
Roof	30%			2023	$38,900	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2021	$340,900	1		
Water Heater								
Gas Fired	100%			2018	$37,900	2	$2,400	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$24,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$190,400	1-2	$4,600	
Fire Pump								
Generic	100%			2026	$120,800	1	$30,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 104 - M**
Address : **330 EAST 21 STREET @ SECOND AVENUE**
Borough : **MANHATTAN**
Agency's Number : **M104**
Program / Asset # : **BOE0059.000 / 1715**
Yr Built/Renovated : **1956 / 2013**
Area Sq Ft : **122,000**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **926** **Lot** : **1**
BIN : **1081671**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$358,400	$113,300
Interior Architecture	$1,361,500	$80,600
Electrical	$770,900	$1,799,200
Mechanical	$215,300	$101,300
Total	**$2,706,100**	**$2,094,400**
Importance Code A	$358,400	$113,300
Importance Code B	$2,347,700	$1,943,400
Importance Code C		$37,700
Total	**$2,706,100**	**$2,094,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$22,800	$46,100	$10,600	$17,100
Electrical	$1,400	$1,600	$2,100	$36,900
Mechanical	$22,100	$9,000	$35,600	$13,400
Total	**$46,200**	**$56,600**	**$48,300**	**$67,400**
Importance Code A			$3,900	$300
Importance Code B	$46,200	$56,600	$38,700	$67,100
Importance Code C			$5,700	
Total	**$46,200**	**$56,600**	**$48,300**	**$67,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%	Now	$38,000	LIFE	* *	5	$12,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Southeast Corner Of Upper Wing And Northeast Corner Of Lower Wing								
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$100,700	
Masonry: Limestone	5%	2-4	$68,800	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Granite Panels	5%	0-2	$66,800	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$103,000	2047	* *	5	$24,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,200	
Masonry: Brick	90%			LIFE	* *	5	$2,600	
Roof								
Built-Up (BUR)	90%			2030	* *	10	$81,900	
Copper/Terne	5%			2053	* *	10	$11,400	
Skylight, Plastic	5%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Units								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$42,900	
Ceramic Tile	5%			2034	* *	5	$9,800	
Terrazzo	5%	Now	$22,800	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Steps								
Vinyl Tile	20%	Now	$66,600	2030	* *	3	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	50%	2-4	$215,800	2020	$1,079,100	3	$36,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	10%			2053	* *	5	$36,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$11,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$37,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$55,400	
Exposed Concrete	60%			LIFE	* *	5	$16,600	
Plaster	15%			LIFE	* *	5	$16,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$500	
Raceway								
Conduit	80%			2025	$166,900	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	50%			2050	* *	5	$1,600	
Molded Case Bkrs	35%			2024	$78,500	5	$1,100	
Wiring								
Braided Cloth	50%	2-4	$149,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2055	* *	1		
Thermoplastic	20%			2025	$59,700	1		
Motor Controllers								
Locally Mounted	40%			2023	$46,000	5	$300	
Locally Mounted	60%			2045	* *	5	$500	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	92%			2025	$1,337,600	10	$110,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Incandescent	5%			2020	$72,700	2	$100	
LED	3%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2020	$88,300	10	$15,800	
Exit, Service	50%			2020	$17,700	1		
Exterior Lighting								
HID	100%			2020	$460,800	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,700	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2034	* *	5	$7,800	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,500	
Terminal Devices								
Air Handler	20%			2033	* *	1	$16,200	
Convector/Radiator	80%			2038	* *	1	$33,800	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout								
Explanation : Radiators Have Been Upgraded With New Steam Traps								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 104 - M

Asset # : 1715

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2033	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Explanation : Unit Has Been Upgraded With Evaporator Coil For Cooling In The Auditorium								
Window/Wall Unit	80%			2020	$215,300	1		
No Component	10%							
Heat Rejection								
Remote Air Cond	10%			2033	* *	2	$9,100	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,000	
Exhaust Fans								
Interior	70%	Now	$5,100	2025	$101,300	2	$2,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Fan Room, 2 Of 3 Defective Toilet And Gymnasium Exhaust Fan Motors								
Roof	30%	Now	$1,600	2025	$31,200	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof, 2 Of 6 Defective Exhaust Fan Motors								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$12,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 117 - M**
Address : **240 EAST 109 STREET @SECOND AVENUE**
Borough : **MANHATTAN** | **Agency's Number** : **M117**
Program / Asset # : **BOE0068.000 / 2772** | **Yr Built/Renovated** : **1958 / 2011**
Area Sq Ft : **160,000** | **Project Type** : **EDUCATION**
Date of Survey : **12-Sep-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1656** **Lot** : **100** | **BIN** : **1052433**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$303,500	$1,013,100
Interior Architecture	$3,219,900	$155,700
Electrical	$1,305,800	$1,907,500
Mechanical	$1,026,100	$370,000
Total	**$5,855,300**	**$3,446,300**
Importance Code A	$1,181,200	$1,013,100
Importance Code B	$4,384,600	$2,379,300
Importance Code C	$289,500	$54,000
Total	**$5,855,300**	**$3,446,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,900		$3,200	
Interior Architecture	$71,900			$27,300
Electrical	$43,500	$9,800	$8,600	$10,200
Mechanical	$7,500	$33,400	$63,600	$24,900
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$143,700**	**$59,000**	**$91,200**	**$78,200**
Importance Code A	$4,900	$17,000	$20,200	$17,000
Importance Code B	$138,800	$42,000	$71,000	$61,200
Importance Code C				
Total	**$143,700**	**$59,000**	**$91,200**	**$78,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$73,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal/Glass Curt Wall	50%	0-2	$232,100	LIFE	* *	5	$137,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$58,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$3,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	30%			2044	* *	5	$6,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	30%	0-2	$4,900	2029	* *			
Drains Clogged, Extent : Light, Area Affected : 50%								
Location : Throughout								
IRMA/Protected Membrane	50%			2024	$713,300	10	$89,500	
IRMA/Protected Membrane	20%	0-2	$71,300	2029	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Gymnasium Roof								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over Gymnasium								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout Joints								
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$13,400	LIFE	* *	5	$28,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$24,900	2033	* *	5	$6,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Quarry Tile	5%	0-2	$369,200	2044	* *	5	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	35%			2032	* *	3	$45,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement, 3rd Floor, Hallways								
Vinyl Tile	50%	0-2	$109,200	2019	$1,092,300	3	$48,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor, 4th Floor								
Explanation : 9 X 9 Tiles								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$12,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%	Now	$144,400	LIFE	* *	5	$54,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Class Rooms And Hallways								
SGFT/Glazed Masonry	25%	Now	$145,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	0-2	$10,800	2037	* *	5	$11,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Gymnasium, Throughout								
AcousTileSusp.Lay-In	10%			2037	* *	5	$23,300	
Exposed Concrete	35%			LIFE	* *	5	$12,700	
Metal Panel	35%	Now	$1,359,600	LIFE	* *	5	$101,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium								
Plaster	10%			LIFE	* *	5	$14,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$42,000	2054	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$219,900	2054	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	85%			2024	$210,300	1		
Conduit	15%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$200	
Fused Disc Sw	10%			2023	$22,400	5	$400	
Molded Case Bkrs	75%			2023	$168,200	5	$3,200	
Molded Case Bkrs	10%			2032	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$277,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$900	
Locally Mounted	20%	2-4	$23,000	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	64%			2024	$1,220,400	10	$100,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	30%			2029	* *	10	$47,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor Lobby, Stairway And Toilet Rooms								
Explanation : Using T-8 Lamps								
Incandescent	6%			2019	$114,400	2	$200	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2024	$115,800	10	$20,700	
Exit, Service	50%			2024	$23,200	1		
Exterior Lighting								
HID	100%			2019	$604,300	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$17,900	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$71,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2044	* *	5	$53,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 8,000 Gals								
Conversion Equipment								
Steam Boiler	100%	0-2	$835,700	2044	* *	1	$153,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$119,900	2034	* *	4	$8,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$185,100	1	$21,200	
Convector/Radiator	80%			2037	* *	1	$44,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$70,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,700	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 117 - M

Asset # : 2772

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	75%			2024	$142,300	2	$3,900	
Roof	25%			2024	$34,100	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$25,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 1st, 2nd And 3rd Floors								
Explanation : Four Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,400	
Chemical System								
Not Accessible	100%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 123 - BX**
Address : **1025 MORRISON AVENUE BTWN: BRUCKNER BLVD., WATSON AVE**
Borough : **BRONX** **Agency's Number** : **X123**
Program / Asset # : **BOE0263.000 / 1094** **Yr Built/Renovated** : **1953 / 2008**
Area Sq Ft : **131,000** **Project Type** : **EDUCATION**
Date of Survey : **16-Jan-2015** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,PEN**
Block : **3718** **Lot** : **1** **BIN** : **2087014**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$421,900	$545,200
Interior Architecture	$565,400	$340,900
Electrical	$532,600	$722,800
Mechanical	$87,000	$3,702,300
Total	**$1,606,900**	**$5,311,200**
Importance Code A	$421,900	$1,254,800
Importance Code B	$967,000	$4,016,200
Importance Code C	$217,900	$40,200
Total	**$1,606,900**	**$5,311,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,400		$4,900	
Interior Architecture	$55,100		$13,600	$5,100
Electrical	$58,100	$1,500	$2,000	$3,000
Mechanical	$98,800	$31,400	$36,300	$29,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$267,200**	**$40,800**	**$64,700**	**$44,900**
Importance Code A	$91,200	$14,400	$19,300	$14,400
Importance Code B	$159,300	$26,300	$45,400	$26,800
Importance Code C	$16,600			$3,700
Total	**$267,200**	**$40,800**	**$64,700**	**$44,900**

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$92,000	LIFE	* *	5	$60,900	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Above 3rd/4th Fl Windows - Eastern Facades								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Windows								
Aluminum	90%	Now	$240,300	2034	* *	5	$28,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Steel	10%	Now	$33,300	2034	* *	5	$39,800	1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Hinges And Latches								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various								
Explanation : Window Guards								
Parapets								
Masonry: Brick Cavity	88%	Now	$45,200	LIFE	* *	5	$19,600	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North East Corner Of Roof								
Masonry: Limestone	10%	Now	$11,700	LIFE	* *	5	$2,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Coping Stone Throughout								
Metal Rail	2%			2039	* *	5-10	$8,000	
Roof								
Built-Up (BUR)	95%	Now	$44,400	2026	$444,400			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various								
Copper/Terne	5%			2041	* *	10	$12,800	
Interior								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$22,700	LIFE	* *	5	$47,700	
Water Penetration, Extent : Severe, Area Affected : 8%								
Location : Sub Basement Boiler Pit / Connecting Tunnels								
Ceramic Tile	5%	Now	$63,400	2029	* *	5	$5,500	
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : At Floor Drains In Bathrooms								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Improper Pitching To Floor Drains In Bathrooms								
Granite Panels	2%	Now	$9,300	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Treads Throughout								
Terrazzo	3%			LIFE	* *	5	$10,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Vinyl Tile	50%			2031	* *	3	$40,900	
Vinyl Tile 9" X 9"	5%			2021	$120,200	3	$5,500	
Wood	25%	Now	$36,000	2041	* *	5	$51,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Room B3, Room 315								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$7,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,900	
Glazed Ceramic Panel	3%			LIFE	* *	10	$6,700	
Plaster	54%			LIFE	* *	5-10	$113,900	
SGFT/Glazed Masonry	30%	Now	$144,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corridors And Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%								
Location : Stairwells E & F								
Loose Units, Extent : Severe, Area Affected : 8%								
Location : Various Corridors And Stairs, Gymnasium Wall								
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$21,800	
Exposed Concrete	30%	Now	$105,100	LIFE	* *	5	$10,200	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : 4th Fl Classrooms								
Plaster	60%			LIFE	* *	5-10	$224,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%	2-4	$29,400	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$219,900	2056	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Toggle Switch	5%	2-4	$11,200	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2025	$179,400	5	$2,800	
Molded Case Bkrs	5%			2034	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$127,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	40%			2021	$78,600	10	$14,100	
Emergency, Battery	10%			2036	* *	10	$3,500	
Exit, Service	40%			2021	$15,700	1		
Exit, Service	10%			2036	* *	1		

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2036	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$14,700	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$45,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Vault In Yard								
Explanation : Conversion Completed In 2013								
Conversion Equipment								
Steam Boiler	100%			2024	$709,600	1	$144,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$50,900	2026	$1,017,800	4	$7,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Boiler Room, Leaky Steam And Condensate Return Piping								
Terminal Devices								
Air Handler	2%	Now	$15,700	2036	* *	1	$1,600	
Damaged, Extent : Light, Area Affected : 10%								
Location : Basement And Second Floor Fan Room - Damaged Gymnasium Blower Flexible Connection, Defective Auditorium Blower Heating Coil, Defective Steam Traps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Rooms								
Air Handler	18%			2021	$141,500	1	$16,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Second Floor Fan Rooms								
Convector/Radiator	2%	0-2	$27,500	2046	* *	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Defective Steam Traps, Defective Climate Controls								
Convector/Radiator	78%			2024	$1,073,900	1	$36,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	2%	Now	$6,000	2026	$6,000	1		
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Throughout - Multiple Mechanical Defects								
Window/Wall Unit	28%			2021	$83,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$128,700	
Exhaust Fans								
Interior	1%	Now	$1,600	2036	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Fourth Floor South Side Fan Room, Defective House Exhaust Fan Housing								
Interior	99%			2021	$159,500	2	$4,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Second Floor And Fourth Floor Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	99%			2026	$431,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Galv Iron/Steel	1%	Now	$4,400	2046	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
HW Heat Exchanger								
Low Temp	5%	Now	$2,300	2056	* *	4	$700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement - Defective Controls								
Low Temp	95%			2026	$43,000	4	$20,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX

Asset # : 1094

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : First Floor								
Explanation : Abandoned - 2 Units Not In Use								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$6,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 123 - BX MINISCHOOL**		
Address	: **1025 MORRISON AVENUE BTWN: BRUCKNER BLVD., WATSON AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X823**
Program / Asset #	: **BOE0263.010 / 146**	**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **12,120**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3718** **Lot** : **1**	**BIN**	: **2087014**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$199,800
Interior Architecture		$149,000
Electrical		$297,800
Total		**$646,600**
Importance Code A		$199,800
Importance Code B		$446,800
Total		**$646,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$1,500	
Interior Architecture	$63,700		$500	$2,200
Electrical	$11,000			$200
Mechanical	$6,500	$2,500	$3,600	$2,500
Total	**$81,200**	**$2,500**	**$5,500**	**$4,800**
Importance Code A	$600	$600	$2,100	$600
Importance Code B	$48,000	$1,900	$3,400	$4,200
Importance Code C	$32,600			
Total	**$81,200**	**$2,500**	**$5,500**	**$4,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX MINISCHOOL

Asset # : 146

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2036	* *	5-10	$130,600	
Windows								
Aluminum	100%			2034	* *	5	$2,900	
Roof								
Metal Panel	100%			2031	* *	10	$69,200	
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$900	
Vinyl Tile	95%			2026	$149,000	3	$8,800	
Interior Walls								
Concrete Masonry Unit	25%	Now	$27,100	LIFE	* *	5	$1,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Classroom Doors Off Main Corridor								
Metal Panel	75%			LIFE	* *	10	$5,500	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$28,900	2043	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Various								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 25%								
Location : Corridors								
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Mechanical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$81,100	5	$300	
Raceway								
Conduit	100%			2026	$22,200	1		
Panelboards								
Fused Disc Sw	5%			2025	$1,500	5		
Molded Case Bkrs	95%			2025	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2026	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX MINISCHOOL

Asset # : 146

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2021	$8,300	10	$1,500	
Exit, Service	50%			2021	$1,700	1		
Exterior Lighting								
HID	100%			2021	$45,800	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$125,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$6,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Room								
Explanation : 2 - Gas Fired Furnace								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2030	* *	2	$800	
Heat Rejection								
Air Condenser Unit	100%			2036	* *	2	$8,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 123 - BX MINISCHOOL

Asset # : 146

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2021	$9,800	2	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2019	$1,900	4	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : First Floor Janitor Closet								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : West Side Of Building,2 Of Approximately 12 Clogged Leaders, Storm Gutters Cracked At The Seams In The Front Of The Building								
Cast Iron	90%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 126 - BK**		
Address	: **424 LEONARD STREET @ BAYARD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K126**
Program / Asset #	: **BOE0433.000 / 2623**	**Yr Built/Renovated**	: **1966 / 2014**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jul-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2712** **Lot** : **1**	**BIN**	: **3067788**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$210,200	$188,400
Interior Architecture	$787,800	$154,700
Electrical	$312,600	$2,047,400
Mechanical	$363,600	$317,500
Total	**$1,674,200**	**$2,707,900**
Importance Code A	$348,700	$230,400
Importance Code B	$1,325,600	$2,369,400
Importance Code C		$108,100
Total	**$1,674,200**	**$2,707,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$9,200
Interior Architecture	$55,200	$33,300	$4,400	$11,900
Electrical	$9,600	$400	$1,600	$40,400
Mechanical	$16,800	$24,200	$42,900	$109,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$85,500**	**$61,800**	**$52,900**	**$175,200**
Importance Code A		$14,100	$14,100	$23,500
Importance Code B	$85,500	$47,700	$34,400	$151,700
Importance Code C			$4,400	
Total	**$85,500**	**$61,800**	**$52,900**	**$175,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Masonry: Brick	70%			LIFE	* *	5	$51,500	
Pre-Cast Concrete	25%			LIFE	* *	5	$59,800	
Windows								
Aluminum	100%			2050	* *	5	$18,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2038	* *	5-10	$196,100	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$91,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,600	
Ceramic Tile	3%	2-4	$24,800	2034	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$3,300	
Vinyl Tile	50%			2030	* *	3	$39,900	
Vinyl Tile 9" X 9"	25%	0-2	$117,300	2020	$586,300	3	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	10%			2053	* *	5	$39,900	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$8,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,800	
Plaster	55%			LIFE	* *	5	$48,900	
SGFT/Glazed Masonry	27%			LIFE	* *			
Wood	5%			LIFE	* *	5	$59,200	
Ceilings								
AcousTileConcealSpLn	25%	0-2	$84,300	2030	* *	5	$32,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2030	* *	5	$10,400	
Exposed Concrete	50%			LIFE	* *	5	$16,300	
Exposed Concrete	5%	Now	$16,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%	0-2	$13,700	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Electrical Services, No Available Ratings								
Switchgear / Switchboard								
Fused Disc Sw	20%			2045	* *	5	$100	
Fused Disc Sw	80%			2025	$175,900	5	$500	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Molded Case Bkrs	10%			2041	* *	5	$400	
Molded Case Bkrs	80%			2024	$179,400	5	$2,800	
Wiring								
Braided Cloth	90%	2-4	$312,600	2050	* *	1		
Insulation Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$103,600	5	$800	
Locally Mounted	10%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	70%			2025	$1,106,000	10	$91,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	20%			2030	* *	10	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Basement								
Explanation : T-8 Lamps								
HID	2%			2025	$22,700	10	$100	
Incandescent	8%			2025	$126,400	2	$300	
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$13,700	
Exit, Service	60%			2030	* *	1		
Alarm								
Security System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Not Accessible	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$44,100	
Conversion Equipment								
Steam Boiler	100%	Now	$138,500	2030	* *	1	$126,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$49,700	2035	* *	4	$7,000	
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Traps								
Terminal Devices								
Air Handler	25%			2025	$191,700	1	$22,000	
Convector/Radiator	75%			2030	* *	1	$34,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$175,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,300	
Exhaust Fans								
Interior	20%			2025	$31,400	2	$900	
Roof	80%			2025	$90,500	2	$3,500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$33,100	2	$2,100	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$14,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 126 - BK

Asset # : 2623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$4,000	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 131 - M**		
Address	: **100 HESTER STREET @ FORSYTHE ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M131**
Program / Asset #	: **BOE0078.000 / 1724**	**Yr Built/Renovated**	: **1983 / 2000**
Area Sq Ft	: **206,934**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **301** **Lot** : **3**	**BIN**	: **1082489**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$934,000	$141,900
Interior Architecture	$248,100	$2,106,700
Electrical	$69,000	$6,673,200
Mechanical	$1,856,100	$1,921,600
Total	**$3,107,200**	**$10,843,400**
Importance Code A	$934,000	$225,900
Importance Code B	$2,173,200	$10,617,400
Total	**$3,107,200**	**$10,843,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$11,400	$10,800	
Interior Architecture	$33,200	$23,100	$9,300	$28,400
Electrical	$9,500	$6,700	$5,900	$7,000
Mechanical	$89,900	$122,400	$63,800	$59,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$140,600**	**$171,500**	**$97,600**	**$102,700**
Importance Code A	$20,500	$32,300	$31,300	$20,500
Importance Code B	$120,100	$139,200	$57,100	$82,200
Importance Code C			$9,300	
Total	**$140,600**	**$171,500**	**$97,600**	**$102,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 131 - M

Asset # : 1724

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	72%	Now	$300,600	LIFE	* *	5	$91,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	25%			LIFE	* *	5	$50,700	
Metal Panel	3%			2043	* *	5-10	$41,800	
Windows								
Aluminum	100%			2039	* *	5	$21,600	
Parapets								
Concrete Masonry Unit	45%	Now	$42,800	LIFE	* *	5	$9,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$7,300	
Metal: Cage/Fence	10%			2036	* *	5-10	$14,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,700	
Roof								
Built-Up (BUR)	60%			2028	* *	10	$104,500	
IRMA/Protected Membrane	35%	Now	$486,100	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Metal Panel	5%			2036	* *	10	$16,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,500	
Ceramic Tile	3%			2032	* *	5	$9,700	
Panel/Paver: Cer/Brk	17%			2039	* *	5	$124,100	
Vinyl Tile	70%			2023	$1,930,400	3	$113,500	
Wood	5%			2038	* *	5	$30,400	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Folding Partition	3%			2039	* *	5	$18,500	
Masonry: Brick	15%			LIFE	* *			
Plaster	42%			LIFE	* *	5	$31,100	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 131 - M

Asset # : 1724

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$78,900	
AcousTile,Adhered	5%	Now	$146,700	2043	* *	5	$7,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
AcousTileSusp.Lay-In	5%			2028	* *	5	$15,800	
Exposed Concrete	45%			LIFE	* *	5	$22,200	
Plaster	20%			LIFE	* *	5	$39,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 3000 Amperes And 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$464,300	5	$800	
Fused Disc Sw	5%			2043	* *	5		
Raceway								
Conduit	95%			2023	$549,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$71,800	5	$700	
Molded Case Bkrs	82%			2022	$392,200	5	$4,500	
Molded Case Bkrs	3%			2039	* *	5	$200	
Wiring								
Thermoplastic	95%			2023	$740,700	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$230,200	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To Metal Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 131 - M

Asset # : 1724

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2023	$2,206,700	10	$182,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$16,500	10	$100	
Incandescent	3%			2018	$69,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$139,600	10	$25,000	
Exit, Service	50%			2023	$27,900	1		
Exterior Lighting								
HID	100%			2023	$781,500	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$187,800	1	$23,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$643,000	1-3	$39,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$64,100	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$204,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,900	2023	$1,444,900	4	$10,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Traps And Condensate Pumps								
Terminal Devices								
Air Handler	30%			2018	$334,700	1	$38,400	
Convector/Radiator	70%			2028	* *	1	$46,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 131 - M

Asset # : 1724

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2018	$351,200	1	$48,000	
R-22 Refrigerant, Extent : Light, Area Affected : 50%								
Location : A C Room								
Window/Wall Unit	40%			2018	$170,200	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	50%			2033	* *	4	$7,700	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2018	$395,500	1	$64,000	
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2018	$556,300	2	$72,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$115,400	
Exhaust Fans								
Interior	30%			2023	$68,600	2	$1,900	
Roof	70%			2023	$115,200	2	$4,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$12,400	2033	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main And Basement								
Water Heater								
Gas Fired	100%			2018	$48,100	2	$3,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Freight B-1 Passenger B-4								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 131 - M

Asset # : 1724

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$104,300	
Sprinkler								
No Component	90%							
Generic	10%			2023	$241,600	1-2	$5,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 136 - BX**		
Address	: **750 JENNINGS STREET BTWN: UNION AVE., PROSPECT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X136**
Program / Asset #	: **BOE0273.000 / 401**	**Yr Built/Renovated**	: **1960 / 2005**
Area Sq Ft	: **149,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Sep-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2969** **Lot** : **1**	**BIN**	: **2010344**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,735,600	$205,700
Interior Architecture	$889,500	$1,551,600
Electrical	$1,404,100	$2,903,200
Mechanical	$345,800	$1,307,700
Total	**$4,374,900**	**$5,968,200**
Importance Code A	$1,774,500	$1,005,000
Importance Code B	$2,476,900	$4,861,300
Importance Code C	$123,600	$101,900
Total	**$4,374,900**	**$5,968,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$59,100		$27,000	
Interior Architecture	$76,900		$37,300	$22,400
Electrical	$3,000	$700	$300	$1,300
Mechanical	$34,700	$28,200	$43,900	$39,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,700**	**$32,800**	**$112,400**	**$66,800**
Importance Code A	$59,300	$15,800	$42,900	$15,800
Importance Code B	$71,800	$17,000	$62,600	$51,000
Importance Code C	$46,600		$7,000	
Total	**$177,700**	**$32,800**	**$112,400**	**$66,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$63,800	
Masonry: Brick	95%	Now	$390,400	LIFE	* *	5	$129,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Southeast Corner And Various Other Areas								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Southeast Corner								
Windows								
Aluminum	100%			2034	* *	5	$54,100	
Parapets								
Masonry: Brick	90%	Now	$54,000	LIFE	* *	5	$4,700	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Masonry: Limestone	5%	Now	$27,200	LIFE	* *	5	$300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Security Bars	5%			2041	* *			
Roof								
Built-Up (BUR)	10%			2026	$76,300	10	$16,700	
Copper/Terne	8%	Now	$179,000	2066	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
IRMA/Protected Membrane	80%	Now	$1,062,900	2036	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria, Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Skylight, Metal/Glass	2%	Now	$49,200	2036	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$2,500	LIFE	* *	5	$26,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2035	* *	5	$12,000	
Mosaic Tile	5%			2039	* *	5	$29,900	
Terrazzo	5%	Now	$27,800	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%			2031	* *	3	$13,500	
Vinyl Tile 9" X 9"	55%	Now	$289,900	2021	$1,449,600	3	$49,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors Along B37 And Locker Rooms								
Patching Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 25%								
Location : Basement Corridors- Room B37 And Locker Rooms								
Wood	10%			2041	* *	5	$44,900	
Interior Walls								
Concrete Masonry Unit	10%	Now	$31,000	LIFE	* *	5	$11,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Back Stage Right Storage Area								
Folding Partition	2%			2034	* *	5	$14,000	
Plaster	55%			LIFE	* *	5-10	$130,500	
SGFT/Glazed Masonry	28%			LIFE	* *	10	$39,100	
Wood	5%	Now	$15,500	LIFE	* *	5	$55,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Rear Wall Auditorium								
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$21,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Wood Peg -mdf Tile								
AcousTile,Adhered	30%	Now	$120,900	2031	* *	5	$32,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Cafeteria Ceiling								
Exposed Concrete	50%	Now	$174,300	LIFE	* *	5	$16,900	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement, Workshop								
Metal Panel	10%	Now	$180,900	LIFE	* *	5	$27,100	
Bent/Warped Elements, Extent : Severe, Area Affected : 50%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Old Wing								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - New Wing								
Explanation : Two 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$600	
Raceway								
Conduit	80%			2026	$198,000	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Disc Sw	5%			2048	* *	5	$200	
Molded Case Bkrs	55%			2025	$123,300	5	$2,200	
Molded Case Bkrs	30%			2048	* *	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$500	
Locally Mounted	50%			2046	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								
Interior Lighting								
Fluorescent	55%			2021	$976,700	10	$80,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	25%			2026	$443,900	10	$36,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2036	* *	10	$14,700	
T-8 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Basement & Room 301								
HID	3%			2021	$38,300	10	$200	
Incandescent	7%			2021	$124,300	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2026	$86,300	10	$15,400	
Emergency, Battery	10%			2034	* *	10	$3,900	
Exit, Service	40%			2026	$17,300	1		
Exit, Service	10%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$562,700	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%	Now	$1,080,300	2036	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$49,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$38,900	2024	$778,200	1	$142,500	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement, Boiler #2 Oil Burner Operating Unreliably								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 #4 Oil Burning Steam Boilers, Boiler Shell Repair Underway For Boiler #1								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Traps Have Been Replaced								
Terminal Devices								
Air Handler	28%			2021	$241,400	1	$27,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Room, The Blowers Are Beyond Their Useful Life Cycle Rating								
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : Second Floor Fan Room, The Blowers Have Been Repaired With New Steam Traps, Heating Coils Etc.								
Convector/Radiator	70%			2031	* *	1	$36,100	
Fan Coil Unit/Heat	2%			2026	$47,900	1	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	20%			2026	$147,600			
Split Unit	10%			2034	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Auditorium								
Explanation : New Split Air Conditioning Units Serve The Auditorium								
Window/Wall Unit	70%			2019	$230,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Window Air Conditioners Are Beyond Their Useful Life Cycle Rqating								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$141,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Original Ductwork, New Roof Top Exhaust Fans								
Exhaust Fans								
Interior	30%			2021	$53,000	2	$1,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Room, The Interior Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	70%			2034	* *	2	$3,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2019	$37,200	2	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Gas Fired Hot Water Heater Is Beyond the Useful Life Cycle Rating.								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Hot Water Heat Exchangers								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2036	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 136 - BX

Asset # : 401

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Third Flooor								
Explanation : 1 Hydraulic Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$4,500	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 141 - Q**				
Address	: **37-11 21ST AVE.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q141**	
Program / Asset #	: **BOE0788.000 / 2530**		**Yr Built/Renovated**	: **1930 / 2013**	
Area Sq Ft	: **119,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Jan-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **810**	**Lot** : **1**	**BIN**	: **4016102**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$257,100
Interior Architecture	$1,159,200	$161,000
Electrical	$1,247,800	$546,400
Mechanical	$319,400	$1,102,500
Total	**$2,726,400**	**$2,067,100**
Importance Code A		$286,600
Importance Code B	$2,619,800	$1,742,400
Importance Code C	$106,700	$38,100
Total	**$2,726,400**	**$2,067,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,000			$13,300
Interior Architecture	$11,900	$23,900	$11,500	$11,900
Electrical	$10,900	$1,800	$2,000	$56,300
Mechanical	$29,900	$53,000	$31,300	$52,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$79,600**	**$82,600**	**$48,700**	**$137,700**
Importance Code A	$35,700	$12,600	$12,600	$26,200
Importance Code B	$44,000	$70,000	$29,400	$111,400
Importance Code C			$6,700	
Total	**$79,600**	**$82,600**	**$48,700**	**$137,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,800	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,800	
Masonry: Brick	55%			LIFE	* *	5	$64,400	
Masonry: Brick Cavity	25%			LIFE	* *	5	$29,300	
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Granite Panels	5%			LIFE	* *	5	$4,400	
Windows								
Aluminum	100%			2047	* *	5	$46,100	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1930 Wing								
Masonry: Brick Cavity	30%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%			2035	* *	10	$101,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2040	* *	10	$13,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,800	
Ceramic Tile	5%			2034	* *	5	$9,600	
Vinyl Tile	25%			2030	* *	3	$17,900	
Vinyl Tile 9" X 9"	50%			2020	$1,052,500	3	$47,800	
Wood	10%			2053	* *	5	$35,800	
Interior Walls								
Ceramic Tile	6%			2034	* *	5	$13,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%	Now	$106,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Near Auditorium Door								
Plaster	57%			LIFE	* *	5	$38,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$5,400	
Metal Panel	5%			LIFE	* *	5	$10,800	
Plaster	75%			LIFE	* *	5	$81,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2045	* *	5	$200	
Molded Case Bkrs	70%			2025	$136,800	5	$2,200	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Knife Sw	35%	2-4	$62,800	2050	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 35%								
Location : 3rd & 4th Floors & Basement								
Molded Case Bkrs	40%			2024	$71,800	5	$1,300	
Molded Case Bkrs	15%			2041	* *	5	$500	
Wiring								
Braided Cloth	60%	2-4	$179,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2045	* *	1		
Thermoplastic	25%			2025	$74,600	1		
Motor Controllers								
Locally Mounted	60%			2038	* *	5	$500	
Locally Mounted	40%			2023	$46,000	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2030	* *	10	$105,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$20,400	10	$100	
Incandescent	8%			2020	$113,500	2	$200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$86,100	10	$15,400	
Exit, Service	50%			2020	$17,200	1		
Exterior Lighting								
HID	60%			2020	$269,700	10	$200	
HID	40%			2030	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$13,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$431,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$126,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$89,100	2035	* *	4	$6,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$137,700	1	$15,800	
Convector/Radiator	80%			2023	$964,800	1	$33,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$105,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 141 - Q

Asset # : 2530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%			2020	$84,700	2	$2,300	
Roof	40%			2020	$40,600	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$7,600	2030	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Both Water Mains Are Not Holding								
Water Heater								
Gas Fired	100%			2020	$29,700	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1500 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-1								
Explanation : 1 Freight Hoist								
No Component	90%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,100	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 142 - BK**		
Address	: **610 HENRY STREET @ COLES ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K142**
Program / Asset #	: **BOE0446.000 / 2622**	**Yr Built/Renovated**	: **1903 / 2011**
Area Sq Ft	: **138,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **369** **Lot** : **1**	**BIN**	: **3336036**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$85,200	$45,300
Interior Architecture	$1,144,200	$544,300
Electrical	$1,067,900	$2,383,100
Mechanical	$929,100	$662,200
Total	**$3,226,400**	**$3,634,900**
Importance Code A	$874,700	$45,300
Importance Code B	$1,900,400	$3,181,700
Importance Code C	$451,300	$408,000
Total	**$3,226,400**	**$3,634,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$11,200	$36,900	$10,700
Interior Architecture	$87,800	$35,800	$8,600	$7,200
Electrical	$27,000	$24,700	$4,800	$3,900
Mechanical	$31,100	$57,300	$34,200	$21,700
Total	**$145,900**	**$129,000**	**$84,500**	**$43,500**
Importance Code A		$26,400	$52,100	$25,900
Importance Code B	$145,900	$102,600	$32,400	$17,600
Importance Code C				
Total	**$145,900**	**$129,000**	**$84,500**	**$43,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$29,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$45,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	28%			2036	* *	5	$52,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$69,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$3,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$3,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$11,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2049	* *	5	$3,800	
Metal Rail	5%			2040	* *	5-10	$17,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,200	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$85,200	
Repairs in Progress, Extent : Light, Area Affected : 20%								
Location : Over Fifth Floor								
Copper/Terne	5%			2038	* *	10	$11,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,300	
Ceramic Tile	5%	Now	$11,100	2032	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$26,700	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	10%	Now	$28,500	2028	* *	5	$14,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2028	* *	3	$25,900	
Vinyl Tile	25%	Now	$97,700	2018	$488,600	3	$21,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Wood	15%			2038	* *	5	$64,600	
Interior Walls								
Ceramic Tile	5%	Now	$72,200	2026	$360,900	5	$6,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	60%	Now	$125,900	LIFE	* *	5	$47,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$253,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	Now	$106,700	2043	* *	5	$5,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Rooms 505b And 503								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 505b And 503								
AcousTileConcealSpLn	15%	Now	$13,900	2028	* *	5	$21,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2028	* *	5	$6,900	
Exposed Concrete	15%			LIFE	* *	5	$5,400	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$78,900	
Plaster	5%	Now	$7,500	LIFE	* *	5	$7,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Room 502								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 502								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$42,000	2053	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$219,900	5	$3,600	
Raceway								
Conduit	10%			2043	* *	1		
Conduit	90%			2023	$222,700	1		
Panelboards								
Fused Knife Sw	10%	2-4	$22,400	2048	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	40%	2-4	$89,700	2048	* *	5	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2022	$89,700	5	$1,500	
Molded Case Bkrs	10%			2039	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	94%			2023	$1,603,300	10	$132,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	6%			2018	$102,300	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$18,500	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$521,200	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$15,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$25,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$47,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	0-2	$747,500	2043	* *	1	$136,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$21,400	2033	* *	4	$7,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$165,600	1	$19,000	
Convector/Radiator	80%			2028	* *	1	$39,700	
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	10%			2021	$31,600	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 142 - BK

Asset # : 2622

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$1,700	2018	$84,900	2	$1,900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Roof	50%			2018	$61,000	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	$458,600	1		
Water Heater								
Gas Fired	100%	Now	$1,800	2018	$35,700	2	$1,800	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
HW Heat Exchanger								
HTHW/HW	100%			2033	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof Drains Under Construction								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 149 - BX**
Address : **360 EAST 145 STREET BTWN: WILLIS AVE., 3 AVE.**
Borough : **BRONX**
Agency's Number : **X149**
Program / Asset # : **BOE0286.000 / 384**
Yr Built/Renovated : **1958 / 2008**
Area Sq Ft : **133,000**
Project Type : **EDUCATION**
Date of Survey : **20-Jan-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2306** **Lot** : **54**
BIN : **2097038**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$136,800	$218,600
Interior Architecture	$564,600	$1,726,600
Electrical	$323,900	$2,029,100
Mechanical	$85,900	$1,660,500
Total	**$1,111,300**	**$5,634,800**
Importance Code A	$136,800	$955,300
Importance Code B	$896,300	$4,636,900
Importance Code C	$78,100	$42,600
Total	**$1,111,300**	**$5,634,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$69,600	$24,100		
Interior Architecture	$143,200		$11,500	$31,600
Electrical	$12,500	$1,500	$2,100	$2,900
Mechanical	$32,100	$27,300	$66,500	$30,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$261,400**	**$56,800**	**$84,100**	**$69,200**
Importance Code A	$83,800	$38,300	$14,100	$14,100
Importance Code B	$127,200	$18,600	$70,000	$48,800
Importance Code C	$50,500			$6,200
Total	**$261,400**	**$56,800**	**$84,100**	**$69,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$182,400	
Masonry: Limestone	5%			LIFE	* *	5	$9,100	
Metal/Glass Curt Wall	20%			LIFE	* *	5	$91,200	
Windows								
Aluminum	100%			2048	* *	5	$48,300	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$28,500	
Masonry: Marble	10%			LIFE	* *	5-10	$5,700	
Roof								
Built-Up (BUR)	40%	Now	$27,300	2031	* *			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : At Roof Drains								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : At Roof Drains								
IRMA/Protected Membrane	55%			2031	* *	10	$81,800	
Metal Panel	5%	Now	$8,400	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 Between Second And Third Floors								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$46,700	
Ceramic Tile	5%			2035	* *	5	$10,700	
Terrazzo	3%			LIFE	* *	5	$10,000	
Vinyl Tile	15%	Now	$27,200	2021	$272,400	3	$12,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	7%			2034	* *	3	$5,600	
Vinyl Tile 9" X 9"	60%			2021	$1,411,600	3	$64,100	
Wood	5%			2041	* *	5	$20,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$12,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$10,000	
Folding Partition	3%			2042	* *	5	$18,700	
Marble Panels	5%			LIFE	* *	10	$5,000	
Plaster	57%			LIFE	* *	5-10	$120,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$31,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$19,300	
AcousTile,Adhered	20%	2-4	$359,600	2046	* *	5	$19,300	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Exposed Concrete	60%			LIFE	* *	5-10	$145,000	
Plaster	10%			LIFE	* *	5-10	$33,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3 Between Second And Third Floors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1600 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	5%			2036	* *	5		
Molded Case Bkrs	95%			2026	$208,900	5	$3,300	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2036	* *	1		
Panelboards								
Molded Case Bkrs	80%			2025	$179,400	5	$2,800	
Molded Case Bkrs	20%			2034	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$277,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	60%			2024	$69,100	5	$500	
Locally Mounted	40%	2-4	$46,000	2046	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$124,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$2,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	3%			2021	$47,600	2	$100	
Egress Lighting								
Emergency, Battery	25%			2021	$48,100	10	$8,600	
Emergency, Battery	25%			2026	$48,100	10	$8,600	
Exit, Service	25%			2021	$9,600	1		
Exit, Service	25%			2026	$9,600	1		
Exterior Lighting								
HID	100%			2021	$502,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$120,700	1	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$413,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$351,500	5	$44,200	
Conversion Equipment								
Steam Boiler	100%			2024	$694,700	1	$141,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$7,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2026	$192,400	1	$22,100	
Convector/Radiator	75%	Now	$50,500	2031	* *	1	$31,100	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Multiple Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2034	* *	1	$6,600	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : Auditorium Roof								
Window/Wall Unit	70%			2021	$205,300	1		
No Component	10%							
Under Construction	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : For The Gymnasium								
Terminal Devices								
Air Handler/Cool/Ht	10%			2026	$54,600	1	$8,800	
No Component	80%							
Under Construction	10%							
Heat Rejection								
Remote Air Cond	10%			2034	* *	2	$9,900	
Remote Air Cond	10%			2036	* *	2	$9,900	
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Gymnasium Roof								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$126,000	
Exhaust Fans								
Interior	30%			2026	$47,300	2	$1,300	
Roof	70%			2026	$79,400	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	$33,200	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 149 - BX

Asset # : 384

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	0-2	$2,200	2021	$11,100	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 70%								
Location : The Housing Is Extensively Rusted, Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen B-1								
Explanation : 1 Utility Lift, Obsolete Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$8,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 157 - Q**		
Address	: **64 AVE & 102 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q157**
Program / Asset #	: **BOE0804.000 / 1527**	**Yr Built/Renovated**	: **1948 / 2011**
Area Sq Ft	: **160,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2126** **Lot** : **14**	**BIN**	: **4051190**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$136,700	$199,900
Interior Architecture	$314,200	$1,514,200
Electrical	$1,670,900	$137,500
Mechanical		$556,200
Total	**$2,121,800**	**$2,407,800**
Importance Code A	$136,700	$199,900
Importance Code B	$1,717,500	$2,157,900
Importance Code C	$267,600	$50,000
Total	**$2,121,800**	**$2,407,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,700		$14,100	
Interior Architecture	$79,200	$24,000	$19,100	$9,300
Electrical	$5,000	$4,800	$51,400	$5,200
Mechanical	$26,200	$31,400	$46,100	$27,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$120,200**	**$64,100**	**$134,700**	**$46,200**
Importance Code A	$23,300	$17,600	$31,800	$18,000
Importance Code B	$92,300	$46,400	$103,000	$28,300
Importance Code C	$4,500			
Total	**$120,200**	**$64,100**	**$134,700**	**$46,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q

Asset # : 1527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Masonry: Brick	80%			LIFE	* *	5	$51,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Repointing Throughout, 2011								
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Metal Panel	2%			2044	* *	5-10	$8,900	
Slate Panels	3%			LIFE	* *	5	$1,500	
Windows								
Aluminum	65%	0-2	$99,400	2040	* *	5	$23,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout Old Wing								
Aluminum	30%			2046	* *	5	$21,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : New Wing, 2011								
Glass Block	5%			LIFE	* *	5	$2,300	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$27,200	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Repointing Throughout, 2011								
Masonry: Limestone	10%			LIFE	* *	5	$4,300	
Metal Rail	10%			2029	* *	5-10	$61,400	
Roof								
Copper/Terne	3%			2039	* *	10	$11,700	
Metal Panel	2%			2037	* *	10	$5,700	
Single Ply Membrane	95%			2032	* *	10	$148,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q

Asset # : 1527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	Now	$68,000	2026	$68,000	3	$8,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Room 109								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Room 109								
Wrinkling, Extent : Moderate, Area Affected : 5%								
Location : Room 109								
Cast in Place Concrete	5%			LIFE	* *	5	$29,100	
Ceramic Tile	3%			2033	* *	5	$8,000	
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Bathrooms In New Wing, 2011								
Terrazzo	5%			LIFE	* *	5	$10,400	
Vinyl Tile	20%			2029	* *	3	$26,600	
Recent Replace Evident, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
Vinyl Tile	60%			2024	$1,359,400	3	$60,000	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Throughout Old Wing								
Explanation : 9x9 Tiles								
Wood	5%			2039	* *	5	$25,000	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$9,100	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	55%	4+	$267,600	LIFE	* *	5	$50,000	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Back Stairs								
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2037	* *	5	$93,100	
AcousTileSusp.Lay-In	5%			2029	* *	5	$13,300	
Exposed Concrete	20%			LIFE	* *	5	$8,300	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$58,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q

Asset # : 1527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$700	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$200	
Fused Disc Sw	5%			2023	$11,200	5	$200	
Molded Case Bkrs	80%			2046	* *	5	$3,400	
Molded Case Bkrs	10%			2023	$22,400	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$147,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2032	* *	10	$8,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room & Cafeteria								
HID	2%			2024	$28,400	10	$100	
Incandescent	3%			2019	$59,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$120,100	10	$21,500	
Exit, Service	50%			2019	$24,000	1		
Exterior Lighting								
HID	100%			2019	$604,300	10	$500	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q

Asset # : 1527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$17,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$497,200	1-3	$29,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$176,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$13,200	
Terminal Devices								
Air Handler	25%			2024	$240,000	1	$27,500	
Convector/Radiator	75%			2029	* *	1	$43,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2022	$73,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,300	
Exhaust Fans								
Interior	80%			2024	$157,400	2	$4,400	
Roof	20%			2032	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$41,400	2	$2,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 157 - Q

Asset # : 1527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : 1 Service Elevator								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$2,500	
Chemical System								
Dry	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Compressed Nitro Gas Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 158 - Q**		
Address	: **46-35 OCEANIA STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q158**
Program / Asset #	: **BOE0805.000 / 1528**	**Yr Built/Renovated**	: **1955 / 2000**
Area Sq Ft	: **137,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7312** **Lot** : **1**	**BIN**	: **4438325**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$112,300	$162,800
Interior Architecture	$1,696,400	$99,700
Electrical	$1,709,200	$603,400
Mechanical	$149,100	$401,000
Total	**$3,667,000**	**$1,267,000**
Importance Code A	$112,300	$183,800
Importance Code B	$3,554,700	$1,031,600
Importance Code C		$51,600
Total	**$3,667,000**	**$1,267,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,200		$38,700
Interior Architecture	$19,300	$40,800	$11,900	$39,900
Electrical	$1,500	$2,000	$2,600	$39,800
Mechanical	$73,000	$24,500	$41,000	$89,700
Total	**$93,800**	**$72,500**	**$55,500**	**$208,100**
Importance Code A	$14,600	$19,800	$14,600	$53,600
Importance Code B	$79,200	$43,000	$34,500	$154,500
Importance Code C		$9,600	$6,400	
Total	**$93,800**	**$72,500**	**$55,500**	**$208,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$112,700	
Metal Panel	8%			2045	* *	5-10	$68,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$8,100	
Windows								
Aluminum	98%			2041	* *	5	$48,700	
Metal Louvers	2%			2034	* *	10	$6,200	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$4,100	
Metal Rail	10%			2038	* *	5-10	$8,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	80%	Now	$112,300	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 307, 309, 330								
Copper/Terne	5%			2053	* *	10	$19,200	
Modified Bitumen	13%			2030	* *	10	$19,900	
Skylight, Metal/Glass	2%			2035	* *	10	$10,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,100	
Ceramic Tile	5%			2034	* *	5	$11,000	
Terrazzo	5%			LIFE	* *	5	$8,600	
Vinyl Tile 9" X 9"	70%			2020	$1,696,400	3	$77,000	
Wood	10%			2040	* *	5	$41,300	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$12,800	
Folding Partition	3%			2033	* *	5	$19,300	
Plaster	67%			LIFE	* *	5	$51,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$62,200	
Exposed Concrete	60%			LIFE	* *	5	$18,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 307, 309, 330								
Plaster	15%			LIFE	* *	5	$18,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Fused Disc Sw	50%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Switch Rated @ 400 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$219,900	2055	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2025	$198,000	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$44,800	2050	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2041	* *	5	$700	
Molded Case Bkrs	60%			2024	$134,500	5	$2,200	
Wiring								
Braided Cloth	80%	2-4	$277,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$132,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$2,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	50%			2020	$99,100	10	$17,700	
Exit, Service	50%			2020	$19,800	1		
Exterior Lighting								
HID	100%			2020	$517,400	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$124,300	1	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$425,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$45,500	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$145,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$7,200	
Terminal Devices								
Air Handler	30%	Now	$4,800	2025	$237,800	1	$24,500	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Girl's Gym								
Explanation : Motor Burnt Out								
Convector/Radiator	70%			2030	* *	1	$33,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$90,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,000	
Exhaust Fans								
Interior	50%			2025	$81,200	2	$2,300	
Roof	50%	0-2	$58,400	2035	* *	2	$1,800	
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 158 - Q

Asset # : 1528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%	Now	$34,200	2025	$34,200	2	$1,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2025	$45,600	4	$21,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : B - G								
Explanation : 1 Inoperable Unit								
No Component	80%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$2,100	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 167 - M**
Address : **220 EAST 76 STREET BTWN 2ND AVE - 3RD AVE**
Borough : **MANHATTAN**
Agency's Number : **M167**
Program / Asset # : **BOE0102.000 / 1653**
Yr Built/Renovated : **1956 / 2010**
Area Sq Ft : **157,000**
Project Type : **EDUCATION**
Date of Survey : **30-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1430** **Lot** : **5**
BIN : **1044058**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$553,300	$139,100
Interior Architecture	$1,179,400	$1,306,600
Electrical	$1,780,400	$506,000
Mechanical	$461,700	$863,300
Total	**$3,974,800**	**$2,815,000**
Importance Code A	$594,300	$139,100
Importance Code B	$3,146,300	$2,622,900
Importance Code C	$234,200	$53,000
Total	**$3,974,800**	**$2,815,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,900	$12,900		
Interior Architecture	$11,800	$11,800	$8,200	$26,800
Electrical	$13,200	$2,500	$3,300	$46,000
Mechanical	$16,300	$24,400	$36,900	$50,500
Total	**$45,200**	**$51,600**	**$48,400**	**$123,300**
Importance Code A	$3,900	$29,600	$16,700	$17,000
Importance Code B	$29,500	$22,000	$27,300	$106,200
Importance Code C	$11,800		$4,400	
Total	**$45,200**	**$51,600**	**$48,400**	**$123,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$419,800	LIFE	* *	5	$139,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$3,500	
Metal Panel	7%	2-4	$3,900	2035	* *	5	$20,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$60,800	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,200	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$133,400	
Metal Panel	5%			2038	* *	10	$12,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,600	
Ceramic Tile	3%			2034	* *	5	$7,600	
Terrazzo	2%			LIFE	* *	5	$3,900	
Vinyl Tile	55%	2-4	$59,000	2025	$1,179,000	3	$52,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$833,200	2035	* *	3	$28,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2053	* *	5	$23,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$8,800	
Concrete Masonry Unit	45%			LIFE	* *	5	$53,000	
Folding Partition	5%	Now	$234,200	2041	* *	5	$18,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Marble Panels	2%			LIFE	* *			
Plaster	10%	2-4	$11,800	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$53,100	2030	* *	5	$28,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5	$19,600	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$74,500			
Plaster	10%			LIFE	* *	5	$14,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$700	
Raceway								
Conduit	90%			2025	$222,700	1		
Conduit	10%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$400	
Fused Knife Sw	5%	2-4	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Fan & Boiler Room								
Molded Case Bkrs	10%			2047	* *	5	$400	
Molded Case Bkrs	75%			2024	$168,200	5	$3,100	
Wiring								
Braided Cloth	85%	2-4	$295,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2030	* *	10	$115,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2033	* *	10	$30,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 4th Floor, Hallways & Basement								
Explanation : T-8 Lamps								
Incandescent	5%			2020	$93,600	2	$200	
Egress Lighting								
Emergency, Battery	50%			2020	$113,600	10	$20,300	
Exit, Service	50%			2020	$22,700	1		
Exterior Lighting								
HID	100%			2020	$592,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$17,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$569,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$414,900	5	$52,200	
Conversion Equipment								
Steam Boiler	100%	Now	$41,000	2030	* *	1	$150,100	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : #1 Boiler, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	Now	$58,800	2035	* *	4	$8,300	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2025	$181,700	1	$20,800	
Convector/Radiator	80%			2030	* *	1	$43,500	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 167 - M

Asset # : 1653

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$242,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$93,900	
Exhaust Fans								
Interior	40%			2025	$74,500	2	$2,100	
Roof	60%			2020	$80,400	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$39,200	2	$2,500	
HW Heat Exchanger								
Low Temp	100%			2025	$52,300	4	$25,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$98,300	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: J. H. S. 168 - Q**		
Address	**: 158-40 76 ROAD**		
Borough	**: QUEENS**	**Agency's Number**	**: Q168**
Program / Asset #	**: BOE0813.000 / 2853**	**Yr Built/Renovated**	**: 1953 / 2013**
Area Sq Ft	**: 121,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 25-Oct-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 6826** **Lot : 1**	**BIN**	**: 4147847**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$888,100
Interior Architecture	$609,500	$91,300
Electrical	$198,200	$147,600
Mechanical	$193,700	$374,400
Total	**$1,001,400**	**$1,501,400**
Importance Code A		$888,100
Importance Code B	$1,001,400	$613,400
Total	**$1,001,400**	**$1,501,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,300			
Interior Architecture	$1,300	$12,600	$5,000	$13,800
Electrical	$3,200	$1,400	$1,500	$27,700
Mechanical	$29,300	$85,500	$34,800	$23,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$62,100**	**$103,500**	**$45,300**	**$69,200**
Importance Code A	$37,700	$13,300	$13,300	$13,300
Importance Code B	$24,400	$90,100	$32,000	$55,900
Importance Code C				
Total	**$62,100**	**$103,500**	**$45,300**	**$69,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$41,600	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,900	
Windows								
Aluminum	95%			2041	* *	5	$52,400	
Glass Block	5%			LIFE	* *	5	$1,700	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$23,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$3,200	
Roof								
Copper/Terne	5%			2053	* *	10	$14,700	
IRMA/Protected Membrane	80%			2025	$752,100	10	$94,300	
Roll Roofing	5%	Now	$24,300	2027	* *	5	$4,900	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Skylight, Metal/Glass	3%			2035	* *	10	$11,800	
Under Construction	7%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Over Elevator Shaft								
Explanation : New Roof Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,100	
Ceramic Tile	5%			2034	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	50%			2030	* *	3	$37,800	
Vinyl Tile 9" X 9"	5%			2020	$111,000	3	$5,000	
Wood	25%	Now	$498,500	2040	* *	5	$47,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Glazed Ceramic Panel	15%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$34,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2030	* *	5	$25,100	
Exposed Concrete	70%			LIFE	* *	5	$22,000	
Plaster	20%			LIFE	* *	5	$25,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	60%			2025	$125,200	1		
Conduit	40%			2051	* *	1		
Panelboards								
Molded Case Bkrs	10%			2024	$22,400	5	$300	
Molded Case Bkrs	90%			2047	* *	5	$2,900	
Wiring								
Braided Cloth	30%	2-4	$89,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	88%			2030	* *	10	$108,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2033	* *	10	$12,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
HID	1%			2020	$10,700	10		
Incandescent	1%			2020	$15,000	2		
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$16,300	
Exit, Service	50%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2033	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Cafeteria								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$133,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 New Units Have Been Installed But Not Yet Operable - One Temporary Unit Is Currently In Use								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$10,000	
Terminal Devices								
Air Handler	20%			2025	$145,200	1	$16,700	
Convector/Radiator	80%			2030	* *	1	$34,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$193,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,100	
Exhaust Fans								
Interior	100%			2025	$148,800	2	$4,100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 168 - Q

Asset # : 2853

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$80,400	1		
Water Heater								
Gas Fired	100%			2018	$31,300	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2035	* *	1	$8,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Under Construction	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,800	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: J. H. S. 172 - Q**		
Address	**: 81-14 257 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q172**
Program / Asset #	**: BOE0816.000 / 1536**	**Yr Built/Renovated**	**: 1954 / 2005**
Area Sq Ft	**: 134,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 18-Nov-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 8731** **Lot : 4**	**BIN**	**: 4178464**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$331,100	$116,400
Interior Architecture	$1,512,800	$39,900
Electrical	$1,280,100	$276,800
Mechanical	$193,200	$1,286,700
Total	**$3,317,200**	**$1,719,900**
Importance Code A	$331,100	$816,300
Importance Code B	$2,986,100	$863,700
Importance Code C		$39,900
Total	**$3,317,200**	**$1,719,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,900	$13,700		$15,000
Interior Architecture		$31,600	$5,400	$28,300
Electrical	$3,300	$1,900	$1,500	$19,300
Mechanical	$17,600	$20,500	$38,800	$110,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$34,800**	**$71,700**	**$49,600**	**$177,000**
Importance Code A	$24,200	$28,000	$14,200	$29,200
Importance Code B	$10,600	$43,700	$35,300	$147,800
Importance Code C				
Total	**$34,800**	**$71,700**	**$49,600**	**$177,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$116,400	
Granite Panels	5%			LIFE	* *	5	$4,600	
Windows								
Aluminum	100%	Now	$203,700	2041	* *	5	$24,300	
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$2,800	
Metal Rail	30%			2042	* *	5-10	$25,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	85%			2030	* *	10	$127,400	
Metal Panel	5%			2038	* *	10	$13,700	
Modified Bitumen	10%			2030	* *	10	$15,000	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$10,800	
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	20%			2030	* *	3	$16,100	
Vinyl Tile 9" X 9"	60%	0-2	$1,422,200	2035	* *	3	$48,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	13%			2053	* *	5	$52,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$7,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	53%			LIFE	* *	5	$39,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$20,100	
Ceilings								
AcousTile,Adhered	25%	Now	$90,600	2030	* *	5	$24,400	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Corridor								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2030	* *	5	$24,400	
Exposed Concrete	50%			LIFE	* *	5	$15,200	
Plaster	15%			LIFE	* *	5	$18,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Conduit	70%			2025	$173,200	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$3,500	
Wiring								
Braided Cloth	30%	2-4	$104,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$103,600	5	$800	
Locally Mounted	10%			2042	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Meter Room								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$129,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	* *	10	$2,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Case								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$17,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$506,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$121,600	1	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$416,400	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$354,100	5	$44,500	
Conversion Equipment								
Steam Boiler	100%			2023	$699,900	1	$142,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$50,200	2035	* *	4	$7,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2030	* *	1	$17,800	
Convector/Radiator	80%	Now	$54,300	2030	* *	1	$33,400	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Steam Valves, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$88,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,200	
Exhaust Fans								
Interior	70%			2025	$111,200	2	$3,100	
Roof	30%			2020	$34,300	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$85,900	1		
Water Heater								
Gas Fired	100%			2020	$33,400	2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 172 - Q

Asset # : 1536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$14,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B - 1								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 180 - Q SCHOLARS ACADEMY**
Address : **320 BEACH 104 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0823.000 / 2851**
Area Sq Ft : **122,000**
Date of Survey : **20-Dec-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **16159** **Lot** : **12**

Agency's Number : **Q180**
Yr Built/Renovated : **1958 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4303722**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$488,100
Interior Architecture	$578,100	$1,341,800
Electrical	$238,700	$1,297,300
Mechanical	$45,700	$2,254,100
Total	**$862,500**	**$5,381,300**
Importance Code A		$1,125,300
Importance Code B	$862,500	$4,027,600
Importance Code C		$228,400
Total	**$862,500**	**$5,381,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,300	$42,600		
Interior Architecture	$14,700	$10,400	$4,900	$14,700
Electrical	$4,800	$48,900	$4,500	$3,700
Mechanical	$28,500	$72,100	$32,900	$21,400
Total	**$74,200**	**$174,100**	**$42,400**	**$39,700**
Importance Code A	$39,300	$55,600	$13,200	$13,000
Importance Code B	$35,000	$118,500	$29,100	$26,800
Importance Code C				
Total	**$74,200**	**$174,100**	**$42,400**	**$39,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$55,800	
Metal/Glass Curt Wall	50%			LIFE	* *	5	$104,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	97%			2048	* *	5	$42,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	3%			LIFE	* *	5	$800	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$1,100	
Masonry: Limestone	3%			LIFE	* *	5	$200	
Metal Panel	2%	Now	$1,300	2033	* *	5	$200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium Wing								
Metal Rail	70%			2043	* *	5-10	$53,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Wing								
Roof								
Built-Up (BUR)	40%	Now	$25,000	2023	$250,000			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Gymnasium Wing								
Copper/Terne	3%			2063	* *	10	$10,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Bulkheads At Main Wing								
Modified Bitumen	57%			2033	* *	10	$77,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Wing								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,400	
Ceramic Tile	3%			2026	$113,900	5	$5,900	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	20%			2028	* *	3	$14,700	
Vinyl Tile	60%			2023	$999,500	3	$58,800	
Vinyl Tile	5%			2018	$83,300	3	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stair Landings								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$18,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2026	$189,300	5	$6,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,100	
Plaster	57%			LIFE	* *	5	$39,100	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	0-2	$494,800	2043	* *	5	$26,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Corridors								
AcousTileSusp.Lay-In	10%			2036	* *	5	$17,700	
Exposed Concrete	50%			LIFE	* *	5	$13,900	
Plaster	10%			LIFE	* *	5	$11,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Contact Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	60%			2049	* *	5	$300	
Molded Case Bkrs	40%			2023	$78,200	5	$1,300	
Raceway								
Conduit	85%			2023	$177,400	1		
Conduit	15%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	85%			2022	$190,600	5	$2,700	
Molded Case Bkrs	10%			2045	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$238,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
J. H. S. 180 - Q SCHOLARS ACADEMY
Asset # : 2851

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	12%			2023	$174,500	10	$14,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-12 Lamps								
Fluorescent	84%			2031	* *	10	$100,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023	$20,900	10	$100	
Incandescent	2%			2018	$29,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$15,800	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$460,800	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$322,400	5	$40,600	
Conversion Equipment								
Steam Boiler	100%			2021	$637,200	1	$129,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$45,700	2033	* *	4	$6,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 180 - Q SCHOLARS ACADEMY

Asset # : 2851

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2023	$211,700	1	$24,300	
Convector/Radiator	70%			2021	$865,500	1	$29,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : New Central Air System Being Installed								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,000	
Exhaust Fans								
Interior	40%			2023	$57,900	2	$1,600	
Roof	60%			2023	$62,400	2	$2,400	
Repairs In Progress, Extent : Light, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$30,500	2	$1,900	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$19,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	92%							
Generic	8%			2033	* *	1-2	$2,900	
Fire Pump								
Generic	100%			2026	$97,000	1	$24,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 185 - Q**
Address : **147-26 25 DRIVE**
Borough : **QUEENS**
Program / Asset # : **BOE0827.000 / 2761**
Area Sq Ft : **127,000**
Date of Survey : **12-Dec-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4802** **Lot** : **1**

Agency's Number : **Q185**
Yr Built/Renovated : **1956 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4108664**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$468,700	$622,200
Interior Architecture	$867,000	$57,100
Electrical	$1,462,500	$2,236,400
Mechanical	$356,200	$308,900
Total	**$3,154,500**	**$3,224,600**
Importance Code A	$510,800	$622,200
Importance Code B	$2,643,700	$2,545,300
Importance Code C		$57,100
Total	**$3,154,500**	**$3,224,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$5,100	$30,100	$6,400	$17,300
Electrical	$11,800	$3,900	$3,600	$4,300
Mechanical	$32,600	$72,200	$31,400	$19,400
Total	**$49,500**	**$106,200**	**$41,400**	**$41,000**
Importance Code A	$13,500	$13,500	$13,500	$13,500
Importance Code B	$36,000	$92,700	$27,900	$27,500
Importance Code C				
Total	**$49,500**	**$106,200**	**$41,400**	**$41,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$81,300	
Metal/Glass Curt Wall	35%			LIFE	* *	5	$82,100	
Windows								
Aluminum	100%	Now	$411,900	2039	* *	5	$24,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms On North Side								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,400	
Masonry: Limestone	5%			LIFE	* *	5	$200	
Roof								
Built-Up (BUR)	50%			2028	* *	10	$56,800	
IRMA/Protected Membrane	45%			2023	$407,700	10	$51,100	
Metal Panel	5%			2036	* *	10	$10,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,300	
Ceramic Tile	5%			2032	* *	5	$10,200	
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	50%			2018	$867,000	3	$38,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	25%			2028	* *	3	$19,100	
Wood	10%			2051	* *	5	$38,200	
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$57,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$7,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$34,600	
AcousTileConcealSpLn	15%			2040	* *	5	$34,600	
Exposed Concrete	60%			LIFE	* *	5	$17,300	
Plaster	10%			LIFE	* *	5	$11,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$42,000	2053	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available, Obsolete Equipment								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,500	2053	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Knife Sw	30%	2-4	$67,300	2048	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	50%			2022	$112,100	5	$1,700	
Molded Case Bkrs	15%			2031	* *	5	$500	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	95%	2-4	$283,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	99%			2023	$1,498,400	10	$123,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	1%			2023	$15,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2023	$73,500	10	$13,200	
Exit, Service	60%			2023	$22,100	1		
Exterior Lighting								
HID	100%			2018	$479,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$115,300	1	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$394,600	2033	* *	1-3	$21,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$42,200	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$134,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$190,300	2033	* *	4	$6,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Live Steam Returns, Boiler Room								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Staircases C, D, Rm 332, 232, 132 And Various Others In The Building								
Explanation : Piping Corroded & Leaking Inside The Walls								
Terminal Devices								
Air Handler	25%			2023	$183,700	1	$21,100	
Convector/Radiator	75%			2028	* *	1	$33,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$56,000	1		
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 185 - Q

Asset # : 2761

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,000	
Exhaust Fans								
Interior	40%			2023	$60,200	2	$1,700	
Roof	60%			2023	$65,000	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2033	* *	1		
Galv Iron/Steel	90%	Now	$109,900	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2018	$31,700	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,200	
Sanitary Piping								
Cast Iron	100%	Now	$5,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up In The Basement From School Yard								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 189 - Q**		
Address	: **144-80 BARCLAY AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q189**
Program / Asset #	: **BOE0830.000 / 1519**	**Yr Built/Renovated**	: **1957 / 1999**
Area Sq Ft	: **140,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5051** **Lot** : **27**	**BIN**	: **4114763**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,160,400	$153,600
Interior Architecture	$509,800	$1,273,700
Electrical	$805,200	$3,201,700
Mechanical	$51,000	$1,658,900
Total	**$2,526,400**	**$6,287,800**
Importance Code A	$1,160,400	$926,800
Importance Code B	$1,366,100	$5,321,600
Importance Code C		$39,400
Total	**$2,526,400**	**$6,287,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$28,000	$24,100	
Interior Architecture	$29,000	$57,100	$2,800	$16,900
Electrical	$15,100	$6,800	$4,100	$3,900
Mechanical	$25,500	$80,300	$35,000	$22,100
Total	**$69,700**	**$172,200**	**$66,000**	**$42,800**
Importance Code A	$14,900	$43,200	$39,000	$14,900
Importance Code B	$48,200	$129,000	$27,000	$28,000
Importance Code C	$6,600			
Total	**$69,700**	**$172,200**	**$66,000**	**$42,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$32,000	
Glazed Ceramic Panel	3%			LIFE	* *	5	$18,000	
Masonry: Brick	60%	Now	$231,700	LIFE	* *	5	$76,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Metal/Glass Curt Wall	32%			LIFE	* *	5	$76,800	
Windows								
Aluminum	95%			2039	* *	5	$48,300	
Steel	5%	Now	$132,700	2048	* *	5	$15,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Copper/Terne	5%			2058	* *	5	$1,200	
Masonry: Brick	90%			LIFE	* *	5	$4,400	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Roof								
Built-Up (BUR)	5%			2028	* *	10	$7,800	
Copper/Terne	5%			2038	* *	10	$19,600	
IRMA/Protected Membrane	60%	0-2	$749,000	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Modified Bitumen	30%			2028	* *	10	$47,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,200	
Ceramic Tile	5%			2032	* *	5	$11,200	
Vinyl Tile	60%			2023	$1,147,000	3	$67,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2031	* *	3	$8,400	
Wood	15%			2038	* *	5	$63,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2032	* *	5	$13,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,500	
Glass: Single Pane	5%			LIFE	* *	5	$9,800	
Plaster	50%			LIFE	* *	5	$39,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$50,900	
Exposed Concrete	50%			LIFE	* *	5	$15,900	
Metal Panel	15%	Now	$509,800	LIFE	* *	5	$38,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Cafeteria								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	10%			LIFE	* *	5	$12,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$219,900	5	$3,700	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	90%			2022	$201,800	5	$3,300	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Sprinkler Room								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$1,618,400	10	$133,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	1%			2023	$16,700	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl (Compact Fluorescent Lamps)								
HID	1%			2023	$12,000	10		
Incandescent	1%			2023	$16,700	2		
Egress Lighting								
Emergency, Battery	50%			2023	$101,300	10	$18,100	
Exit, Service	50%			2023	$20,300	1		
Exterior Lighting								
HID	100%			2023	$528,700	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$127,100	1	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$435,000	1-3	$25,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$370,000	5	$46,500	
Conversion Equipment								
Steam Boiler	100%			2021	$731,200	1	$148,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$11,100	
Terminal Devices								
Air Handler	25%			2023	$202,500	1	$23,200	
Convector/Radiator	75%			2028	* *	1	$36,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 189 - Q

Asset # : 1519

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$51,000	2033	* *	1	$6,300	
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : For Auditorium, 2 Old Units In Basement Room C19								
Window/Wall Unit	10%			2021	$30,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	50%			2023	$83,000	2	$2,300	
Roof	40%			2023	$47,800	2	$1,800	
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : There Is No Air Circulation In Auditorium								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	* *	1		
Galv Iron/Steel	30%			2021	$134,600	1		
Water Heater								
Gas Fired	100%			2018	$34,900	2	$2,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$52,600	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**J. H. S. 190 - Q**			
Address	:	**68-17 AUSTIN STREET @ YELLOWSTONE BLVD.**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q190**
Program / Asset #	:	**BOE0831.000 / 1520**	**Yr Built/Renovated**	:	**1954 / 2001**
Area Sq Ft	:	**123,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Oct-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**3172** **Lot** : **2**	**BIN**	:	**4075214**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$88,200	$104,600
Interior Architecture	$1,631,800	$81,200
Electrical	$718,200	$845,900
Mechanical		$1,447,100
Total	**$2,438,200**	**$2,478,800**
Importance Code A	$88,200	$747,000
Importance Code B	$2,350,000	$1,693,800
Importance Code C		$38,000
Total	**$2,438,200**	**$2,478,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,100		$34,400
Interior Architecture	$18,500	$18,500	$6,400	$45,300
Electrical	$28,000	$1,300	$900	$31,900
Mechanical	$32,700	$22,600	$36,600	$143,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$83,200**	**$53,400**	**$47,900**	**$258,800**
Importance Code A	$13,100	$20,100	$13,100	$47,500
Importance Code B	$70,100	$33,200	$31,300	$211,300
Importance Code C			$3,500	
Total	**$83,200**	**$53,400**	**$47,900**	**$258,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$104,600	
Masonry: Granite	2%			LIFE	* *	5	$1,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Windows								
Aluminum	100%			2041	* *	5	$44,600	
Parapets								
Masonry: Brick Cavity	78%			LIFE	* *	5	$3,300	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	15%			2038	* *	5-10	$11,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	70%	Now	$88,200	2030	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Built-Up (BUR)	25%			2030	* *	10	$34,400	
Copper/Terne	5%			2053	* *	10	$17,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,200	
Ceramic Tile	3%			2034	* *	5	$5,900	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile 9" X 9"	75%			2020	$1,631,800	3	$74,100	
Wood	10%			2053	* *	5	$37,000	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$6,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,200	
Folding Partition	5%			2041	* *	5	$28,800	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$38,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2030	* *	5	$53,700	
Exposed Concrete	50%			LIFE	* *	5	$14,000	
Metal Panel	5%			LIFE	* *	5	$11,200	
Plaster	15%			LIFE	* *	5	$16,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : (2) Main Service Switches Rated @ 800 Amperes Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	85%			2025	$177,400	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	8%			2047	* *	5	$200	
Fused Toggle Switch	2%	2-4	$4,500	2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : On Extended Life								
Molded Case Bkrs	90%			2047	* *	5	$2,900	
Wiring								
Braided Cloth	85%	2-4	$253,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$92,100	5	$700	
Locally Mounted	10%	2-4	$11,500	2045	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	99%			2035	* *	10	$119,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	1%			2020	$14,700	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$15,900	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$464,500	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Functional								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$382,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm System Is Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$325,000	5	$40,900	
Conversion Equipment								
Steam Boiler	100%			2023	$642,400	1	$130,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,500	
Terminal Devices								
Air Handler	25%	Now	$3,600	2025	$177,900	1	$18,400	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Various Locations								
Convector/Radiator	75%			2030	* *	1	$32,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$27,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,600	
Exhaust Fans								
Interior	100%	Now	$2,900	2025	$145,900	2	$3,200	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Various Locations								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 190 - Q

Asset # : 1520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$1,600	2023	$78,800	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement # B 68								
Water Heater								
Gas Fired	100%			2020	$30,700	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units - One For Kitchen, One For Bldg								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$77,000	1-2	$1,800	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 194 - Q**		
Address	: **154-60 17 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q194**
Program / Asset #	: **BOE0835.000 / 1495**	**Yr Built/Renovated**	: **1958 / 2010**
Area Sq Ft	: **128,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4729** **Lot** : **1**	**BIN**	: **4107342**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$253,900	$1,307,300
Interior Architecture	$1,984,400	$38,100
Electrical	$797,400	$854,900
Mechanical	$393,900	$805,200
Total	**$3,429,600**	**$3,005,500**
Importance Code A	$253,900	$2,017,800
Importance Code B	$3,175,800	$949,500
Importance Code C		$38,100
Total	**$3,429,600**	**$3,005,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,900			$17,900
Interior Architecture	$20,600	$19,300		$20,600
Electrical	$1,400	$1,900	$3,000	$20,000
Mechanical	$28,100	$23,500	$41,500	$115,500
Total	**$105,000**	**$44,700**	**$44,500**	**$173,900**
Importance Code A	$68,500	$13,600	$13,600	$31,800
Importance Code B	$36,500	$31,100	$30,900	$142,100
Importance Code C				
Total	**$105,000**	**$44,700**	**$44,500**	**$173,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	78%			LIFE	* *	5	$91,300	
Metal Panel	20%			2045	* *	5-10	$160,900	
Granite Panels	2%			LIFE	* *	5	$1,800	
Windows								
Aluminum	100%			2047	* *	5	$46,400	
Parapets								
Metal Rail	100%			2042	* *	5-10	$80,600	
Roof								
Built-Up (BUR)	3%			2033	* *	10	$4,300	
Copper/Terne	5%			2040	* *	10	$17,900	
IRMA/Protected Membrane	92%	Now	$210,000	2025	$1,050,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,500	
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile 9" X 9"	80%			2020	$1,811,400	3	$82,200	
Wood	10%			2053	* *	5	$38,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,600	
Marble Panels	2%			LIFE	* *			
Plaster	53%			LIFE	* *	5	$38,100	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$173,000	2045	* *	5	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Exposed Concrete	77%			LIFE	* *	5	$22,400	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$11,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches, No Available Nameplate Ratings								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$195,500	5	$3,400	
Raceway								
Conduit	95%			2025	$198,200	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	15%			2024	$33,600	5	$400	
Molded Case Bkrs	80%			2024	$179,400	5	$2,700	
Molded Case Bkrs	5%			2041	* *	5	$200	
Wiring								
Braided Cloth	95%	2-4	$283,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$123,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2033	* *	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Incandescent	1%			2025	$15,300	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$16,600	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$116,200	1	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$397,700	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Manual Pull Station And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$42,500	
Conversion Equipment								
Steam Boiler	100%			2023	$668,500	1	$136,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$95,900	2035	* *	4	$6,800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement Boiler Room								
Explanation : Vacuum Pump Leaks; No Condensate Tank								
Terminal Devices								
Air Handler	30%			2020	$222,100	1	$25,500	
Convector/Radiator	70%			2030	* *	1	$31,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$28,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,600	
Exhaust Fans								
Interior	50%			2020	$75,900	2	$2,100	
Roof	50%			2025	$54,600	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$82,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 194 - Q

Asset # : 1495

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2023	$21,300	4	$800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Circulation Pump, Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$13,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,900	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 204 - Q**		
Address	: **36-41 28 STREET BTWN: 36 AVE., 37 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q204**
Program / Asset #	: **BOE0845.000 / 1503**	**Yr Built/Renovated**	: **1957 / 2010**
Area Sq Ft	: **153,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **343** **Lot** : **1**	**BIN**	: **4004156**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$462,300	$454,000
Interior Architecture	$210,100	$1,305,100
Electrical	$788,000	$1,781,100
Mechanical	$40,700	$604,200
Total	**$1,501,100**	**$4,144,400**
Importance Code A	$462,300	$496,000
Importance Code B	$969,800	$3,596,700
Importance Code C	$69,000	$51,600
Total	**$1,501,100**	**$4,144,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,400		$8,800	$10,400
Interior Architecture	$188,400		$7,700	$18,400
Electrical	$4,500	$1,700	$2,200	$3,600
Mechanical	$44,000	$28,400	$39,600	$36,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$257,300**	**$34,100**	**$62,200**	**$72,400**
Importance Code A	$32,600	$16,300	$25,000	$26,700
Importance Code B	$112,700	$17,800	$37,200	$45,800
Importance Code C	$112,000			
Total	**$257,300**	**$34,100**	**$62,200**	**$72,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$105,500	LIFE	* *	5	$69,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal/Glass Curt Wall	50%			LIFE	* *	5	$262,200	
Windows								
Aluminum	97%	Now	$225,600	2042	* *	5	$26,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steel	3%			2025	$87,000	5	$20,800	
Parapets								
Masonry: Brick	47%			LIFE	* *	5-10	$17,100	
Masonry: Limestone	3%			LIFE	* *	5-10	$2,000	
Metal/Glass Curt Wall	30%			2046	* *	5	$6,200	
Metal Panel	5%			2046	* *	5	$1,000	
Metal Rail	15%			2039	* *	5-10	$14,500	
Roof								
Built-Up (BUR)	97%			2034	* *	10	$166,000	
Copper/Terne	3%			2061	* *	10	$12,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$53,700	
Ceramic Tile	3%	Now	$7,100	2035	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$7,700	
Vinyl Tile	25%			2031	* *	3	$23,000	
Vinyl Tile	60%			2026	$1,253,500	3	$73,700	
Wood	5%			2041	* *	5	$23,000	
Interior Walls								
Ceramic Tile	3%	Now	$11,900	2035	* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$22,900	
Folding Partition	3%	Now	$34,200	2042	* *	5	$10,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$22,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	60%	Now	$69,000	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	22%			LIFE	* *	10	$31,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$22,200	
AcousTileSusp.Lay-In	20%			2031	* *	5	$44,500	
Exposed Concrete	58%			LIFE	* *	5-10	$161,300	
Metal Panel	2%			LIFE	* *	5	$11,100	
Plaster	10%	Now	$14,600	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Switches - No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2026	$197,900	5	$3,600	
Raceway								
Conduit	95%			2026	$235,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	95%			2025	$213,000	5	$3,800	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$146,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2034	* *	10	$4,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$110,700	10	$19,800	
Exit, Service	50%			2026	$22,100	1		
Exterior Lighting								
HID	100%			2021	$577,800	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$138,900	1	$17,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$475,400	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank. Recent Repairs Around Fuel Pumps								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$162,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$8,100	
Steam Traps Faulty, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Traps Have Been Scheduled To Be Replaced Soon								
Terminal Devices								
Air Handler	20%			2026	$177,000	1	$20,300	
Convector/Radiator	80%			2031	* *	1	$42,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 204 - Q

Asset # : 1503

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2021	$202,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$144,900	
Exhaust Fans								
Interior	30%			2026	$54,400	2	$1,500	
Roof	70%			2026	$91,400	2	$3,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$38,200	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 1st Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 216 - Q**
Address : **64-20 175 STREET BTWN: 64 AVE., 65 AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q216**
Program / Asset # : **BOE0854.000 / 1482** | **Yr Built/Renovated** : **1954 /**
Area Sq Ft : **126,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **6903** **Lot** : **1** | **BIN** : **4149078**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$102,500	$1,303,700
Interior Architecture	$1,393,400	$348,400
Electrical	$725,100	$2,512,700
Mechanical	$33,500	$1,400,000
Total	**$2,254,400**	**$5,564,700**
Importance Code A	$102,500	$1,961,800
Importance Code B	$2,067,500	$3,556,900
Importance Code C	$84,400	$46,000
Total	**$2,254,400**	**$5,564,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$78,100			
Interior Architecture	$51,800		$28,500	$27,400
Electrical	$15,100	$1,400	$1,800	$2,800
Mechanical	$41,000	$23,500	$34,700	$30,400
Total	**$186,100**	**$24,900**	**$64,900**	**$60,600**
Importance Code A	$91,300	$13,400	$13,400	$13,400
Importance Code B	$54,700	$11,500	$51,500	$41,300
Importance Code C	$40,100			$5,900
Total	**$186,100**	**$24,900**	**$64,900**	**$60,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%	Now	$11,300	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Wall Facing Auditorium Roof								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Wall Facing Auditorium Roof								
Masonry: Brick Cavity	89%			LIFE	* *	5	$205,000	
Masonry: Granite	5%			LIFE	* *	5	$8,600	
Masonry: Limestone	3%			LIFE	* *	5	$5,200	
Windows								
Aluminum	95%			2042	* *	5	$43,400	
Glass Block	5%	Now	$11,400	LIFE	* *	5	$1,400	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Stairs								
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$28,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$2,700	
Roof								
Copper/Terne	5%			2041	* *	10	$17,600	
IRMA/Protected Membrane	95%			2026	$1,067,300	10	$133,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Over Gymnasium								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$88,500	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%			2035	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$15,800	
Vinyl Tile	15%			2026	$258,100	3	$15,200	
Vinyl Tile 9" X 9"	50%	Now	$1,114,400	2036	* *	3	$37,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 332, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Wood	15%			2054	* *	5	$56,900	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$11,800	
Glazed Ceramic Panel	5%			LIFE	* *	10	$10,600	
Plaster	65%			LIFE	* *	5-10	$130,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$29,500	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$45,800	
Exposed Concrete	55%			LIFE	* *	5-10	$125,900	
Plaster	20%			LIFE	* *	5-10	$63,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Bolted Pressure Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,500	2056	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$11,200	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	85%			2025	$190,600	5	$2,800	
Molded Case Bkrs	10%			2042	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	85%			2024	$97,800	5	$700	
Locally Mounted	15%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2026	$1,441,600	10	$119,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$21,600	10	$100	
Incandescent	2%			2021	$30,000	2	$100	
Egress Lighting								
Emergency, Service	50%			2026	$33,300	1		
Exit, Service	50%			2026	$18,200	1		
Exterior Lighting								
HID	100%			2021	$475,900	10	$400	
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$14,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$261,000	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$41,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 15,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$13,200	2024	$658,100	1	$120,500	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : All Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,700	
Terminal Devices								
Air Handler	25%			2026	$182,200	1	$20,900	
Convector/Radiator	70%			2031	* *	1	$30,600	
Fan Coil Unit/Heat	5%			2026	$101,200	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$139,000	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 216 - Q

Asset # : 1482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$3,000	2026	$149,400	2	$3,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control System, Throughout								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$80,700	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Water Meter								
HW Heat Exchanger								
Low Temp	100%	Now	$800	2026	$41,900	4	$13,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement (Leaky Flange)								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Discontinued Unit Remains								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$47,400	1-2	$1,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 217 - Q**				
Address	: **85-05 144 STREET**				
Borough	: **QUEENS**		**Agency's Number**	: **Q217**	
Program / Asset #	: **BOE0855.000 / 1483**		**Yr Built/Renovated**	: **1956 / 2000**	
Area Sq Ft	: **138,527**		**Project Type**	: **EDUCATION**	
Date of Survey	: **12-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **9724**	**Lot** : **173**	**BIN**	: **4208124**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$842,800	$910,800
Interior Architecture	$673,100	$1,097,900
Electrical	$1,517,200	$432,900
Mechanical	$182,200	$512,100
Total	**$3,215,200**	**$2,953,700**
Importance Code A	$842,800	$952,800
Importance Code B	$2,112,200	$1,960,700
Importance Code C	$260,200	$40,100
Total	**$3,215,200**	**$2,953,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,300		$40,400	
Interior Architecture	$112,900	$15,600		$5,200
Electrical	$35,700	$4,200	$72,300	$3,600
Mechanical	$20,600	$28,200	$85,200	$22,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,400**	**$52,000**	**$201,800**	**$34,900**
Importance Code A	$17,800	$13,700	$54,400	$13,700
Importance Code B	$134,800	$38,200	$147,400	$21,200
Importance Code C	$24,800			
Total	**$177,400**	**$52,000**	**$201,800**	**$34,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$99,500	
Metal Panel	7%			2044	* *	5-10	$53,200	
Granite Panels	3%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%	0-2	$804,200	2032	* *	5	$24,000	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,200	
Masonry: Brick	50%			LIFE	* *	5	$7,800	
Masonry: Brick	40%			LIFE	* *	5	$6,300	
Roof								
Built-Up (BUR)	20%			2029	* *	10	$25,800	
Copper/Terne	5%	0-2	$4,300	2039	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	75%	0-2	$38,600	2024	$772,600			
Ponding, Extent : Severe, Area Affected : 10%								
Location : At Elevator Enclosure								
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,700	
Ceramic Tile	5%	0-2	$60,300	2033	* *	5	$5,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%	0-2	$24,100	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%			2024	$1,057,800	3	$46,700	
Vinyl Tile	20%	0-2	$352,600	2034	* *	3	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9 X 9 Tiles								
Wood	5%			2052	* *	5	$19,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%	0-2	$24,800	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	0-2	$44,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$40,100	
SGFT/Glazed Masonry	25%	Now	$215,800	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Near Staircase 1								
Ceilings								
AcousTileConcealSpLn	10%	Now	$33,500	2037	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
AcousTileSusp.Lay-In	20%			2037	* *	5	$41,500	
Exposed Concrete	60%			LIFE	* *	5	$19,400	
Plaster	10%			LIFE	* *	5	$13,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$219,900	2054	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room, Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$22,400	5	$300	
Fused Toggle Switch	10%	2-4	$22,400	2049	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Auditorium, Gymnasium & Cafeteria								
Molded Case Bkrs	75%			2023	$168,200	5	$2,700	
Molded Case Bkrs	5%			2032	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$312,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	10%			2029	* *	5	$100	
Locally Mounted	90%	2-4	$103,600	2044	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	87%			2029	* *	10	$110,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2019	$33,200	10	$100	
Incandescent	10%			2019	$153,900	2	$300	
Egress Lighting								
Emergency, Battery	50%			2019	$93,400	10	$16,700	
Exit, Service	50%			2019	$18,700	1		
Exterior Lighting								
HID	100%			2019	$523,200	10	$400	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$30,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$42,900	
Conversion Equipment								
Steam Boiler	100%	0-2	$13,500	2029	* *	1	$123,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units - Each With One Floating Shut Off Not Working								
Distribution								
Steam Piping/Pump	100%	0-2	$96,700	2034	* *	4	$6,800	
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Vacuum / Condensate Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%			2024	$224,100	1	$25,700	
Convector/Radiator	70%			2029	* *	1	$31,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$85,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,200	
Exhaust Fans								
Interior	80%			2024	$122,500	2	$3,400	
Roof	20%			2024	$22,000	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2034	* *	1		
Galv Iron/Steel	40%			2022	$165,500	1		
Water Heater								
Gas Fired	100%			2019	$32,200	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$20,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2024	$13,400	1	$8,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q

Asset # : 1483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J. H. S. 217 - Q MINISCHOOL**		
Address	: **85-05 144TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q994**
Program / Asset #	: **BOE0855.010 / 13409**	**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **9724** **Lot** : **173**	**BIN**	: **4208124**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$115,200
Total		**$115,200**
Importance Code A		$115,200
Total		**$115,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,200			$1,300
Interior Architecture	$10,100	$400		$2,000
Electrical	$700	$500	$12,200	$800
Mechanical	$1,300	$400	$2,100	$400
Total	**$18,200**	**$1,300**	**$14,300**	**$4,500**
Importance Code A	$6,900		$700	$1,300
Importance Code B	$11,400	$1,300	$13,600	$3,200
Total	**$18,200**	**$1,300**	**$14,300**	**$4,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q MINISCHOOL

Asset # : 13409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	2-4	$6,200	2044	* *	5	$32,300	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$2,600	
Roof								
Single Ply Membrane	100%			2024	$115,200	10	$34,200	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$800	
Vinyl Tile	95%			2029	* *	3	$8,000	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$16,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5		
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5		
Molded Case Bkrs	95%			2040	* *	5	$300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 217 - Q MINISCHOOL

Asset # : 13409

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,400	
Exit, LED	50%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	20%							
Generic	80%			2029	* *	1-3	$5,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Heat Pump	100%			2025	$18,400	2	$3,500	
Terminal Devices								
Fan Coil Unit/Heat	100%			2029	* *	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	$6,100	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	100%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2022	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 231 - Q(TANDEM Q251-29)**
Address : **145-00 SPRINGFIELD BLVD 144-51 ARTHUR STREET**
Borough : **QUEENS**
Agency's Number : **Q231**
Program / Asset # : **BOE0863.000 / 2629**
Yr Built/Renovated : **1963 / 2008**
Area Sq Ft : **160,000**
Project Type : **EDUCATION**
Date of Survey : **08-Feb-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **13331** **Lot** : **1**
BIN : **4285682**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,275,500	$406,800
Interior Architecture	$36,300	$1,275,400
Electrical	$912,000	$1,316,700
Mechanical	$105,900	$295,900
Total	**$2,329,700**	**$3,294,700**
Importance Code A	$1,275,500	$448,800
Importance Code B	$1,054,200	$2,799,100
Importance Code C		$46,800
Total	**$2,329,700**	**$3,294,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$22,400	
Interior Architecture	$10,300	$21,200	$29,900	$6,400
Electrical	$2,300	$6,400	$38,000	$5,600
Mechanical	$26,700	$32,700	$40,000	$30,100
Total	**$39,400**	**$60,300**	**$130,300**	**$42,100**
Importance Code A	$17,000	$17,000	$39,700	$17,000
Importance Code B	$22,400	$38,800	$90,600	$25,100
Importance Code C		$4,500		
Total	**$39,400**	**$60,300**	**$130,300**	**$42,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 231 - Q(TANDEM Q251-29)

Asset # : 2629

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$34,300	
Masonry: Brick	93%	Now	$205,200	LIFE	* *	5	$136,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$2,200	
Windows								
Aluminum	70%	Now	$340,600	2040	* *	5	$20,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Aluminum	30%	Now	$729,800	2049	* *	5	$8,700	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Cafeteria, Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Cafeteria, Gymnasium								
Parapets								
Metal Rail	100%			2041	* *	5-10	$100,800	
Roof								
Built-Up (BUR)	95%			2032	* *	10	$170,000	
Copper/Terne	5%			2039	* *	10	$22,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$56,200	
Ceramic Tile	3%			2027	* *	5	$7,700	
Terrazzo	5%			LIFE	* *	5	$10,000	
Vinyl Tile	20%			2029	* *	3	$25,700	
Vinyl Tile	52%			2024	$1,136,000	3	$50,100	
Wood	10%			2039	* *	5	$48,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$9,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,000	
Marble Panels	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$46,800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$72,700	
AcousTileSusp.Lay-In	5%			2029	* *	5	$11,600	
Exposed Concrete	55%			LIFE	* *	5	$20,000	
Plaster	15%			LIFE	* *	5	$21,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 231 - Q(TANDEM Q251-29)

Asset # : 2629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$175,900	5	$500	
Fused Disc Sw	20%			2044	* *	5	$100	
Raceway								
Conduit	95%			2024	$235,100	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$400	
Molded Case Bkrs	90%			2023	$201,800	5	$3,800	
Wiring								
Braided Cloth	75%	2-4	$260,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$500	
Locally Mounted	50%			2037	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$154,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2019	$13,700	10	$100	
Incandescent	1%			2019	$19,100	2		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$604,300	10	$500	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 231 - Q(TANDEM Q251-29)

Asset # : 2629

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$17,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$497,200	2034	* *	1-3	$26,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extende Life; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$170,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$12,700	
Terminal Devices								
Air Handler	60%			2029	* *	1	$63,700	
Convector/Radiator	40%			2029	* *	1	$22,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2024	$39,600	2	$500	
Window/Wall Unit	30%			2019	$105,900	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,700	
Exhaust Fans								
Interior	70%			2024	$132,800	2	$3,700	
Roof	30%			2024	$40,900	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 231 - Q(TANDEM Q251-29)

Asset # : 2629

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$39,900	2	$2,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$10,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2034	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 237 - Q**
Address : **46-21 COLDEN STREET @GERANEUM AVE.**
Borough : **QUEENS**
Agency's Number : **Q237**
Program / Asset # : **BOE0865.000 / 1488**
Yr Built/Renovated : **1970 / 2004**
Area Sq Ft : **154,000**
Project Type : **EDUCATION**
Date of Survey : **18-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **5147** **Lot** : **1**
BIN : **4116436**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$669,300	$204,900
Interior Architecture	$845,200	$1,806,300
Electrical	$558,300	$1,818,800
Mechanical	$114,100	$689,200
Total	**$2,186,900**	**$4,519,300**
Importance Code A	$669,300	$247,000
Importance Code B	$1,112,800	$4,221,300
Importance Code C	$404,800	$51,100
Total	**$2,186,900**	**$4,519,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,200			$10,000
Interior Architecture	$47,300			$24,500
Electrical	$5,000	$6,300	$6,100	$4,700
Mechanical	$36,300	$34,600	$63,200	$27,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$130,700**	**$44,800**	**$73,300**	**$70,400**
Importance Code A	$54,100	$16,200	$16,500	$26,200
Importance Code B	$76,600	$28,600	$56,700	$44,200
Importance Code C				
Total	**$130,700**	**$44,800**	**$73,300**	**$70,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$28,600	LIFE	* *	5	$12,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bulkheads								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Bulkheads								
Masonry: Brick	90%	0-2	$114,900	LIFE	* *	5	$76,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Slate Panels	7%			LIFE	* *	5	$4,400	
Windows								
Aluminum	95%			2040	* *	5	$20,000	
Steel	5%	Now	$55,000	2049	* *	5	$6,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Cast in Place Concrete	100%	Now	$317,200	LIFE	* *	5	$128,800	
Expansion Jnt Failure, Extent : Light, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Explanation : Sections Of Parapet Are Covered With Tar								
Roof								
Built-Up (BUR)	95%	Now	$182,200	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 420, 424 And Library								
Metal Panel	5%			2037	* *	10	$9,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,500	
Ceramic Tile	5%	0-2	$23,700	2033	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Slate	5%			LIFE	* *	5	$13,000	
Vinyl Tile	80%	0-2	$83,200	2024	$1,664,300	3	$73,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$93,900	2033	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$37,800	LIFE	* *	5	$13,600	
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Stair A								
Metal Panel	10%			LIFE	* *			
Plaster	50%	0-2	$273,100	LIFE	* *	5	$51,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$145,300	2037	* *	5	$37,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Library								
Exposed Concrete	55%	Now	$211,900	LIFE	* *	5	$20,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 420, 424								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%	Now	$23,600	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$700	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Fused Disc Sw	10%			2023	$22,400	5	$400	
Molded Case Bkrs	80%			2023	$179,400	5	$3,200	
Molded Case Bkrs	5%			2040	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2024	$312,600	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2032	* *	10	$145,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2024	$26,100	10	$100	
Incandescent	1%			2024	$18,200	2		
Egress Lighting								
Emergency, Service	40%			2024	$32,200	1		
Exit, LED	60%			2039	* *	1		
Exterior Lighting								
HID	100%			2024	$581,600	10	$500	
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$14,400	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$558,300	1-3	$33,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$50,600	
Conversion Equipment								
Steam Boiler	100%	Now	$15,900	2029	* *	1	$145,700	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Preheat Of #2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$114,100	2034	* *	4	$8,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%	Now	$8,800	2024	$176,300	1	$18,200	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Control System								
Convector/Radiator	80%			2029	* *	1	$42,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2025	$105,300	2	$500	
Window/Wall Unit	60%			2022	$201,600	1		
No Component	35%							
Heat Rejection								
Remote Air Cond	5%			2029	* *	2	$5,700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,200	
Exhaust Fans								
Interior	70%			2024	$126,500	2	$3,500	
Roof	30%			2024	$39,000	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$24,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Backs Up In Basement When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit. There Is No Ventilation In The Hydraulic Machine Room								

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DEPARTMENT OF EDUCATION - 040

J. H. S. 237 - Q

Asset # : 1488

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2034	* *	1-2	$22,900	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 303 - BK**
Address : **501 WEST AVENUE BTWN: SHORE PKWY S.**
Borough : **BROOKLYN**
Agency's Number : **K303**
Program / Asset # : **BOE0586.000 / 1273**
Yr Built/Renovated : **1965 / 2010**
Area Sq Ft : **152,000**
Project Type : **EDUCATION**
Date of Survey : **08-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7250** **Lot** : **25** **BIN** : **3196292**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$214,000	$76,800
Interior Architecture	$2,493,500	$165,300
Electrical	$277,900	$1,619,800
Mechanical	$32,000	$3,615,700
Total	**$3,017,400**	**$5,477,600**
Importance Code A	$214,000	$904,300
Importance Code B	$2,599,100	$4,518,900
Importance Code C	$204,300	$54,400
Total	**$3,017,400**	**$5,477,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,600	$9,900	$18,700	
Interior Architecture	$101,100		$29,500	$29,200
Electrical	$24,600	$1,700	$2,500	$3,100
Mechanical	$79,400	$27,200	$33,300	$30,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$273,700**	**$42,800**	**$88,000**	**$66,600**
Importance Code A	$80,600	$25,900	$34,700	$16,000
Importance Code B	$177,300	$16,900	$53,300	$45,600
Importance Code C	$15,800			$5,000
Total	**$273,700**	**$42,800**	**$88,000**	**$66,600**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$23,500	
Masonry: Brick Cavity	92%			LIFE	* *	5	$153,600	
Granite Panels	5%			LIFE	* *	5	$6,300	
Windows								
Aluminum	95%			2048	* *	5	$19,700	
Steel	5%			2034	* *	5	$13,000	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$63,600	
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$21,100	
Metal Panel	5%			2046	* *	5	$2,400	
Metal Rail	40%			2039	* *	5-10	$89,000	
Metal: Cage/Fence	5%			2039	* *	5-10	$4,800	
Roof								
Built-Up (BUR)	40%	Now	$37,900	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Lower Roof								
IRMA/Protected Membrane	55%	Now	$45,300	2031	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Over Blower Stack								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			2039	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$74,000	
Ceramic Tile	3%	Now	$28,100	2035	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Toilet Rooms								
Terrazzo	5%			LIFE	* *	5	$18,900	
Vinyl Tile	10%	Now	$41,100	2031	* *	3	$9,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Cafeteria								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Vinyl Tile 9" X 9"	70%	Now	$1,862,100	2036	* *	3	$63,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2041	* *	5	$22,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$10,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$13,400	
Glazed Ceramic Panel	3%			LIFE	* *	10	$9,100	
Plaster	54%	Now	$145,600	LIFE	* *	5	$54,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Located Along North Elevation At All 4 Levels								
SGFT/Glazed Masonry	35%			LIFE	* *	10	$58,800	
Ceilings								
AcousTile,Adhered	10%	2-4	$219,700	2046	* *	5	$11,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, 3rd Floor, 4th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	20%			2039	* *	5	$59,100	
Exposed Concrete	5%			LIFE	* *	5-10	$14,800	
Exposed Struc: Steel	3%			LIFE	* *	10	$14,200	
Fiber Board	5%			2031	* *			
Metal Panel	7%			LIFE	* *	5	$41,400	
Plaster	50%			LIFE	* *	5-10	$203,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600a Main Disconnect Switch								
Transformers								
Dry Type	100%			2024	$15,800	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$219,900	5	$700	
Raceway								
Conduit	100%			2026	$247,500	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	30%			2042	* *	5	$1,200	
Molded Case Bkrs	60%			2025	$134,500	5	$2,400	

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DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$277,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$142,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$25,800	10	$100	
Incandescent	2%			2021	$35,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$108,800	10	$19,500	
Exit, Service	50%			2021	$21,800	1		
Exterior Lighting								
HID	100%			2021	$574,100	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$17,000	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2036	* *	5	$50,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : No Access To The Building								
Conversion Equipment								
Steam Boiler	100%			2024	$785,500	1	$159,800	
Distribution								
Steam Piping/Pump	100%			2026	$1,126,600	4	$11,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2021	$174,000	1	$20,000	
Convector/Radiator	70%	Now	$21,300	2024	$1,066,800	1	$32,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2021	$241,600	1	$5,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$82,900	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$114,000	
No Component	20%							
Exhaust Fans								
Interior	20%	Now	$3,600	2021	$35,700	2	$800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Roof	80%	Now	$20,500	2021	$102,600	2	$3,200	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$16,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,500	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Another Electric Ejector Is Needed, There Is Only One Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 303 - BK

Asset # : 1273

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **J. H. S. 324 - BK**
Address : **800 GATES AVENUE @ STUYVESANT AVE.**
Borough : **BROOKLYN**
Agency's Number : **K324**
Program / Asset # : **BOE0600.000 / 2612**
Yr Built/Renovated : **1977 / 2011**
Area Sq Ft : **171,000**
Project Type : **EDUCATION**
Date of Survey : **21-Sep-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1636** **Lot** : **1** **BIN** : **3044657**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$176,400
Interior Architecture	$1,267,900	$457,900
Electrical	$694,500	$1,499,100
Mechanical	$358,600	$1,041,500
Total	**$2,321,000**	**$3,174,900**
Importance Code A		$176,400
Importance Code B	$1,271,200	$2,936,200
Importance Code C	$1,049,900	$62,400
Total	**$2,321,000**	**$3,174,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,600	$19,900		
Interior Architecture	$6,800		$15,300	$25,500
Electrical	$5,200	$35,900	$3,500	$3,500
Mechanical	$74,200	$64,300	$61,600	$40,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$92,800**	**$124,100**	**$84,300**	**$73,400**
Importance Code A	$20,600	$38,300	$18,000	$18,000
Importance Code B	$72,200	$85,800	$66,300	$55,400
Importance Code C				
Total	**$92,800**	**$124,100**	**$84,300**	**$73,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$89,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$32,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%			2048	* *	5	$22,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	5%			2032	* *	10	$7,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$6,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%			2033	* *	10	$87,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	10%	2-4	$2,600	2043	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Modified Bitumen	15%			2033	* *	10	$17,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$59,400	
Ceramic Tile	5%			2032	* *	5	$13,600	
Panel/Paver: Cer/Brk	5%			2039	* *	5	$30,600	
Vinyl Tile	75%	Now	$173,300	2028	* *	3	$76,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$44,800	2051	* *	5	$12,700	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,100	
Folding Partition	3%	Now	$902,500	2048	* *	5	$14,200	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$5,700	
Masonry: Brick	10%	Now	$147,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	55%			LIFE	* *	5	$62,400	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%			2036	* *	5	$249,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$86,800			
Gypsum Board	5%			LIFE	* *	5	$16,600	
Plaster	10%			LIFE	* *	5	$16,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$700	
Raceway								
Conduit	90%			2023	$260,100	1		
Conduit	10%			2033	* *	1		
Panelboards								
Molded Case Bkrs	25%			2031	* *	5	$1,100	
Molded Case Bkrs	75%			2022	$190,600	5	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2023	$350,900	1		
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	30%			2028	* *	5	$300	
Motor Control Center	60%			2028	* *	5	$2,800	
Motor Control Center	10%			2036	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$163,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	2%			2018	$29,000	10	$100	
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$645,800	10	$500	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$51,700	1	$6,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$531,300	1-3	$31,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$56,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : In Process Of Upgrade To #2 Oil								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$179,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers - In Process Of Upgrade, School Is Running On Temporary Mobile Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$13,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Process Of Upgrade								
Terminal Devices								
Air Handler	30%			2023	$293,600	1	$33,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : In Process Of Upgrade								
Convector/Radiator	70%			2028	* *	1	$41,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	35%	Now	$4,300	2023	$215,600	1	$26,500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : One Chiller Needs Repair								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chiller Room Basement								
Explanation : 2 Units								
Window/Wall Unit	30%			2018	$111,900	1		
No Component	35%							
Distribution								
Chilled Wtr Pipe/Pump	35%			2033	* *	4	$4,700	
No Component	65%							
Terminal Devices								
Air Handler/Cool/Ht	35%			2023	$326,800	1	$39,300	
No Component	65%							
Heat Rejection								
Remote Air Cond	35%	0-2	$246,700	2033	* *	2	$35,400	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Lower Roof Top								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 324 - BK

Asset # : 2612

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2023	$160,500	2	$4,400	
Roof	20%			2023	$28,900	2	$1,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : In Process Of Replacing The Sump Pump System								
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%	Now	$32,400	2043	* *	1-5	$64,400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Main Service Line								
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$7,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**J. H. S. 80 - BX P. S. 280 - BX**			
Address	:	**149 EAST MOSHOLU PKWY NORTH @STEUBEN AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X080**
Program / Asset #	:	**BOE0221.000 / 450**	**Yr Built/Renovated**	:	**1925 / 2011**
Area Sq Ft	:	**110,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Nov-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**3336** **Lot** : **35**	**BIN**	:	**2018046**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,327,500	$281,400
Interior Architecture	$1,383,700	$821,300
Electrical	$596,500	$771,600
Mechanical	$63,200	$352,200
Total	**$3,370,900**	**$2,226,400**
Importance Code A	$1,327,500	$302,400
Importance Code B	$1,708,000	$1,698,900
Importance Code C	$335,400	$225,200
Total	**$3,370,900**	**$2,226,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,000			
Interior Architecture	$68,500	$19,100		$13,800
Electrical	$48,100	$54,300	$4,200	$3,100
Mechanical	$26,800	$70,200	$26,400	$15,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$152,300**	**$148,500**	**$35,500**	**$37,000**
Importance Code A	$14,000	$10,300	$10,100	$10,100
Importance Code B	$69,700	$138,100	$25,400	$26,900
Importance Code C	$68,500			
Total	**$152,300**	**$148,500**	**$35,500**	**$37,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$52,600	
Masonry: Brick	90%	Now	$570,900	LIFE	* *	5	$189,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$709,500	2039	* *	5	$28,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Louvers	5%			2032	* *	10	$18,600	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$11,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	20%			2036	* *	5-10	$55,600	
Roof								
Built-Up (BUR)	80%			2028	* *	10	$47,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Junior High School 80								
Single Ply Membrane	20%	Now	$4,000	2023	$39,600			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,500	
Ceramic Tile	5%	Now	$49,200	2026	$164,100	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$12,700	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	35%	0-2	$504,000	2033	* *	3	$22,200	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, 3rd Floor, 4th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Auditorium, 3rd Floor, 4th Floor								
Vinyl Tile	30%	Now	$86,400	2023	$432,000	3	$19,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	10%			2033	* *	3	$6,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2051	* *	5	$15,900	
Interior Walls								
Cast in Place Concrete	5%	Now	$200,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	3%	Now	$34,900	2026	$174,600	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%	Now	$33,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$135,300	LIFE	* *	5	$50,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	20%			2028	* *	5	$33,900	
Exposed Concrete	75%	Now	$408,700	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$10,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$156,400	5	$400	
Molded Case Bkrs	20%			2043	* *	5	$600	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$300	
Molded Case Bkrs	30%			2039	* *	5	$900	
Molded Case Bkrs	55%			2022	$98,700	5	$1,600	
Wiring								
Thermoplastic	80%			2023	$238,700	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$69,100	5	$400	
Locally Mounted	30%	2-4	$34,500	2043	* *	5	$100	
Aged Component, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Motor Control Center	10%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$97,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$27,100	10	$100	
Incandescent	3%			2018	$37,700	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2028	* *	10	$5,500	
Emergency, Battery	30%			2018	$45,800	10	$8,200	
Exit, Service	20%			2028	* *	1		
Exit, Service	30%			2018	$9,200	1		
Exterior Lighting								
HID	100%			2018	$415,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$12,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$20,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	80%			2033	* *	5	$28,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gal And One Tank Of 8,000 Gal								
Natural Gas	20%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Supplies Gas Furnaces In A C Units								
Conversion Equipment								
Furnace	20%			2028	* *	1	$11,200	
Steam Boiler	80%			2028	* *	1	$89,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%	Now	$63,200	2033	* *	4	$4,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
No Component	20%							
Terminal Devices								
Air Handler	8%			2023	$48,800	1	$5,600	
Convector/Radiator	60%			2028	* *	1	$21,900	
Fan Coil Unit/Heat	12%			2023	$203,300	1	$4,400	
No Component	20%							
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%	Now	$3,000	2028	* *	2	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Building Information Management Control System Malfunction								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Units - Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8 Units Providing Forced Hot And Cold Air								
Window/Wall Unit	5%			2018	$11,600	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,100	
Exhaust Fans								
Interior	80%			2023	$100,100	2	$2,800	
Roof	20%	Now	$400	2023	$18,000	2	$600	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2043	* *	1		
Galv Iron/Steel	20%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$26,300	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,900	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%	Now	$200	2023	$10,700	1	$6,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : One Of The Backflow Preventers Needs To Be Serviced								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J. H. S. 80 - BX P. S. 280 - BX

Asset # : 450

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : First : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2043	* *	1-5	$11,400	
Sprinkler								
No Component	75%							
Generic	25%			2033	* *	1-2	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **J.K. ONASSIS FOR INT. CAREERS**		
Address	: **120 W.46 STREET BTWN 6TH - 7TH AVES**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M529**
Program / Asset #	: **BOE0132.000 / 4432**	**Yr Built/Renovated**	: **1893 / 1992**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **998** **Lot** : **41**	**BIN**	: **1069583**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$494,500	$214,400
Interior Architecture	$172,800	$420,500
Electrical		$42,300
Mechanical		$210,900
Total	**$667,200**	**$888,200**
Importance Code A	$494,500	$214,400
Importance Code B	$126,100	$673,700
Importance Code C	$46,600	
Total	**$667,200**	**$888,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,400			
Interior Architecture	$120,900		$1,800	$9,800
Electrical	$6,900	$4,400	$5,300	$5,900
Mechanical	$38,700	$21,600	$24,500	$16,300
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$219,800**	**$30,900**	**$36,500**	**$37,000**
Importance Code A	$50,800	$2,400	$2,400	$2,400
Importance Code B	$129,900	$28,500	$34,100	$34,600
Importance Code C	$39,100			
Total	**$219,800**	**$30,900**	**$36,500**	**$37,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2046	* *	10	$8,400	
Masonry: Brick	75%	Now	$81,300	LIFE	* *	5	$53,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Northwest Corner Of Courtyard								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Northwest Corner Of Courtyard								
Masonry: Brownstone	20%			LIFE	* *	5	$21,500	
Windows								
Aluminum	20%	Now	$30,800	2042	* *	5	$1,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	80%	Now	$413,200	2051	* *	5	$73,600	1
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 30%								
Location : Exterior Mullions								
Thermally Inefficient, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 40%								
Location : Window Sill And Frames Thorughout								
Parapets								
Copper/Terne	10%			2046	* *	5	$1,600	
Masonry: Brick	30%			LIFE	* *	5-10	$7,000	
No Component	60%							
Roof								
Copper/Terne	60%			2041	* *	10	$45,800	
Single Ply Membrane	40%	Now	$800	2026	$41,100			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 15%								
Location : Interior Courtyard Roofs - Gutters Frozen								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Snow Present								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	0-2	$13,900	2025	$46,400	3	$5,500	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 33%								
Location : Throughout								
Cast in Place Concrete	4%			LIFE	* *	5	$12,700	
Ceramic Tile	5%			2035	* *	5	$3,600	
Quarry Tile	3%			2031	* *	5	$3,300	
Sheet Vinyl/Rubber	5%			2031	* *	5	$5,500	
Vinyl Tile	68%	Now	$126,100	2026	$420,500	3	$18,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria, Library, Corridors								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : Cafeteria, Library, Corridors								
Wood	10%	Now	$12,000	2041	* *	5	$6,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Stage								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$10,900	
Gypsum Board	20%			LIFE	* *	5-10	$30,900	
Masonry: Brick	3%			LIFE	* *	10	$800	
Masonry: Fieldstone	3%			LIFE	* *	10	$1,100	
Metal: Cage/Fence	2%			LIFE	* *	10	$400	
Plaster	32%	Now	$46,600	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Room 305, 306, 308, 406								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,400	
Ceilings								
AcousTileConcealSpLn	20%	Now	$5,900	2039	* *	5	$9,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2039	* *	5	$3,600	
Gypsum Board	15%			LIFE	* *	5-10	$37,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Kitchen Gymnasium Locker Rooms								
Metal Panel	20%	0-2	$12,100	LIFE	* *	5	$18,200	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Plaster	40%	Now	$7,600	LIFE	* *	5	$18,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Room 305, 306, 308, 406								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amp For Fire Pump & One 600 Amp For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$16,600	
Generators								
Diesel	100%			2035	* *	1	$20,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room 1st Floor Courtyard								
Explanation : One 180 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,000	
Fuel Storage								
Main Tank	100%			2054	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2031	* *	10	$41,400	
Other Observation, Extent : Moderate, Area Affected : 92%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10		
Incandescent	3%			2031	* *	2		
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
Fluorescent	10%			2031	* *	10	$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	90%			2031	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$6,100	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%	Now	$800	2036	* *	1		
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Steam Room, Defective Leslie Valve								
Conversion Equipment								
Heat Exchanger	100%			2035	* *	1	$24,000	
Distribution								
Hot Wtr Piping/Pump	100%			2034	* *	4	$3,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Steam Room, One Of Two Defective Radiator Hot Water Circulating Pumps, One Of Two Defective Reheat Coil Hot Water Circulator Pumps								
Terminal Devices								
Air Handler	50%			2026	$131,000	1	$15,000	
Convector/Radiator	50%			2031	* *	1	$7,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$33,000	1	$4,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	80%			2021	$79,900	1		
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$2,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$30,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	
Exhaust Fans								
Interior	20%			2031	* *	2	$300	
Roof	80%			2026	$30,900	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$7,300	2046	* *	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Equipment Room, Defective Controls								
HW Heat Exchanger								
HTHW/HW	100%			2046	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Instantanious Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2031	* *	1	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

J.K. ONASSIS FOR INT. CAREERS

Asset # : 4432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : From Cellar To 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$13,600	
Fire Pump								
Generic	100%			2035	* *	1	$9,100	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JAMAICA HIGH SCHOOL - Q**		
Address	: **167-01 GOTHIC DR. @ 168TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q470**
Program / Asset #	: **BOE0883.000 / 1475**	**Yr Built/Renovated**	: **1927 / 2013**
Area Sq Ft	: **255,150**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9858** **Lot** : **100**	**BIN**	: **4448806**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$752,700	$724,700
Interior Architecture	$1,405,700	$530,400
Electrical	$808,400	$2,283,900
Mechanical	$1,364,800	$2,121,700
Total	**$4,331,500**	**$5,660,700**
Importance Code A	$752,700	$766,700
Importance Code B	$3,337,700	$4,808,200
Importance Code C	$241,100	$85,700
Total	**$4,331,500**	**$5,660,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,100			$24,900
Interior Architecture	$275,800	$23,600	$18,800	$14,600
Electrical	$2,900	$4,900	$3,400	$24,300
Mechanical	$64,600	$41,800	$75,400	$72,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$381,300**	**$78,200**	**$105,500**	**$144,000**
Importance Code A	$55,000	$24,900	$24,900	$50,300
Importance Code B	$295,700	$43,800	$80,600	$93,700
Importance Code C	$30,600	$9,500		
Total	**$381,300**	**$78,200**	**$105,500**	**$144,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,700	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,700	
Copper/Terne	5%			2045	* *	10	$16,700	
Masonry: Brick	65%	Now	$279,600	LIFE	* *	5	$92,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 40%								
Location : South Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Lintels At South Facade								
Pre-Cast Concrete	20%			LIFE	* *	5	$92,700	
Windows								
Aluminum	80%			2041	* *	5	$48,300	
Glass Block	5%	Now	$30,100	LIFE	* *	5	$1,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Pool Area								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Pool Area								
Steel	15%	Now	$473,100	2050	* *	5	$56,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Gymnasium								
Parapets								
Cast Stone/Terra Cotta	60%			LIFE	* *	5	$61,300	
Copper/Terne	5%			2060	* *	5	$3,200	
Masonry: Brick	20%			LIFE	* *	5	$2,600	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Roof								
Built-Up (BUR)	15%			2030	* *	10	$23,300	
Copper/Terne	80%			2053	* *	10	$310,100	
Skylight, Metal/Glass	5%			2045	* *	10	$25,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	Now	$240,100	2027	* *	3	$28,200	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Library And Offices								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Library And Offices								
Cast in Place Concrete	20%			LIFE	* *	5	$164,600	
Ceramic Tile	10%			2034	* *	5	$37,600	
Marble Panels	7%	0-2	$381,600	LIFE	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor And Entrances								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor And Entrances								
Sheet Vinyl/Rubber	5%			2033	* *	5	$28,200	
Traffic Topping	2%	Now	$93,300	2035	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Wrinkling, Extent : Severe, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile 9" X 9"	11%			2020	$455,800	3	$20,700	
Wood	40%			2040	* *	5	$282,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$241,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exterior Pool Wall								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Exterior Pool Wall								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Exterior Pool Wall								
Ceramic Tile	5%			2028	* *	5	$19,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$30,600	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Pool Area								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s) Stairs #12,#13,#14 and #15 Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Pool Area								
Plaster	65%			LIFE	* *	5	$74,300	

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	5%	Now	$51,100	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Steel Beams In Pool Filtering System Room								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Steel Beams In Pool Filtering System Room								
Exposed Concrete	20%			LIFE	* *	5	$9,900	
Metal Panel	5%			LIFE	* *	5	$19,900	
Plaster	60%			LIFE	* *	5	$119,100	
Plaster	5%	Now	$41,700	LIFE	* *	5	$9,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair 12/13								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Stair 12/13								
Plaster	5%			LIFE	* *	5	$9,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Fused Disc Sw	50%			2045	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$391,000	5	$900	
Fused Disc Sw	20%			2045	* *	5	$200	
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2024	$95,700	5	$1,200	
Molded Case Bkrs	55%			2033	* *	5	$3,700	
Molded Case Bkrs	25%			2041	* *	5	$1,700	
Wiring								
Braided Cloth	75%	2-4	$584,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2035	* *	1		

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2023	$46,000	5	$300	
Locally Mounted	20%			2030	* *	5	$300	
Variable Frequency Drive	60%			2042	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Lighting								
Interior Lighting								
Fluorescent	97%			2030	* *	10	$223,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2025	$55,800	10	$4,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Lobby								
HID	1%			2020	$20,100	10	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$169,500	10	$30,300	
Exit, Service	50%			2025	$33,900	1		
Exterior Lighting								
HID	100%			2025	$963,600	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations, Horns, Strobe Lights And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$248,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2025	$1,403,900	4	$14,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Outside The Boiler Room Is Beyond Useful Life Cycle								
Steam Piping/Pump	20%			2055	* *	4	$2,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	25%	Now	$6,800	2025	$338,800	1	$35,000	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room, Defective Cafe Blower Motor Vfd								
Recent Repair Evident, Extent : Light, Area Affected : 90%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Attic Space								
Explanation : Blowers Have Been Retrofitted With New Vfd								
Convector/Radiator	50%			2030	* *	1	$40,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Radiators Have Been Retrofitted With New Steam Traps And Control Valves								
Fan Coil Unit/Heat	25%	0-2	$47,000	2020	$940,800	1	$18,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects.								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$12,900	2023	$258,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$216,900	LIFE	* *	2-5	$140,100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2030	* *	2	$7,300	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement And Attic Fan Rooms, Flexible Duct Connectors On All The Fans Have Been Repaired								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement And Attic Fan Rooms, Exhaust Fans Have Been Retrofitted With New Motors								
Roof	5%			2025	$10,000	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement, Main Water Valve Was Replaced								
Water Heater								
Gas Fired	100%			2025	$58,500	2	$3,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Equipment Room								
Explanation : Heat Exhanger Serves Pool Only								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Sanitary Piping Is Beyond Its Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Storm Piping Is Beyond Its Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2035	* *	4	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Pool Equipment Room								
Pool Filter/Treatment								
Sand	33%	Now	$160,000	2045	* *	4		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Pool Area, Basement, 1 of 3 Filters								
Sand	67%			2030	* *	4		
Backflow Preventer								
Generic	100%			2035	* *	1	$15,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q
Asset # : 1475

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : 1 Of 2 Elevators Is Out Of Order								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$3,500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JAMAICA HIGH SCHOOL - Q FIELD HOUSE**
Address : **167-01 GOTHIC DR. @168TH STREET**
Borough : **QUEENS**
Agency's Number : **Q470**
Program / Asset # : **BOE0883.010 / 14433**
Yr Built/Renovated : **1927 / 2000**
Area Sq Ft : **9,100**
Project Type : **EDUCATION**
Date of Survey : **16-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **9858** **Lot** : **100** **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$106,800
Electrical		$362,300
Total		**$469,100**
Importance Code B		$469,100
Total		**$469,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,300			$30,300
Interior Architecture				
Electrical		$100		$100
Mechanical	$3,000	$3,100	$5,500	$3,100
Total	**$16,200**	**$3,200**	**$5,500**	**$33,400**
Importance Code A	$14,900	$1,600	$1,600	$31,900
Importance Code B	$1,300	$1,600	$3,900	$1,500
Total	**$16,200**	**$3,200**	**$5,500**	**$33,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q FIELD HOUSE
Asset # : 14433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$21,900	
Masonry: Limestone	5%	Now	$13,300	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Windows								
Aluminum	100%			2041	* *	5	$12,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$8,400	
Masonry: Limestone	5%			LIFE	* *	5	$600	
Roof								
Asphalt Shingle	50%			2034	* *	10	$5,100	
Built-Up (BUR)	50%			2030	* *	10	$30,300	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$106,800	
Interior Walls								
Masonry: Brick	75%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Plaster	100%			LIFE	* *	5	$30,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 200 Amperes								
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Molded Case Bkrs	100%			2033	* *	5	$200	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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DEPARTMENT OF EDUCATION - 040
JAMAICA HIGH SCHOOL - Q FIELD HOUSE
Asset # : 14433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$362,300	10	$29,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Gas Fired Furnace								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,200	
Terminal Devices								
Fan Coil Unit/Heat	100%			2030	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Equipment Room								
Explanation : 1 Electric Air Curtain								
Ventilation								
Exhaust Fans								
Wall Unit	100%			2030	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2038	* *	1		
Water Heater								
Gas Fired	100%			2023	$7,600	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	* *	1	$2,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JAMAICA LEARNING CENTER - Q**		
Address	: **162-02 HILLSIDE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q595**
Program / Asset #	: **BOE0889.000 / 1455**	**Yr Built/Renovated**	: **1896 / 2007**
Area Sq Ft	: **46,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9768** **Lot** : **22**	**BIN**	: **4209031**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$91,500
Interior Architecture	$402,200	$60,000
Electrical	$251,400	$543,100
Mechanical		$391,000
Total	**$653,500**	**$1,085,600**
Importance Code A		$91,500
Importance Code B	$653,500	$994,100
Total	**$653,500**	**$1,085,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,600	$6,900	$7,500	
Interior Architecture		$29,000	$800	$2,700
Electrical	$1,800	$18,800	$1,700	$1,400
Mechanical	$11,300	$13,900	$6,400	$5,400
Total	**$21,700**	**$68,700**	**$16,300**	**$9,600**
Importance Code A	$12,700	$11,100	$11,600	$4,100
Importance Code B	$9,000	$57,600	$4,700	$5,500
Importance Code C				
Total	**$21,700**	**$68,700**	**$16,300**	**$9,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$55,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brownstone	5%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%			2039	* *	5	$15,000	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$1,700	
Metal Cornice	35%			2038	* *	10	$3,900	
Wood Cornice	15%			2033	* *	5-10	$6,900	
Roof								
Asphalt Shingle	80%	Now	$8,600	2036	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Modified Bitumen	20%			2023	$36,400	10	$6,200	
Interior								
Floors								
Ceramic Tile	5%			2026	$60,000	5	$3,100	
Vinyl Tile	10%			2028	* *	3	$2,300	
Vinyl Tile	35%	Now	$184,400	2033	* *	3	$8,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Wood	45%			2038	* *	5	$52,300	
Wood	5%			2038	* *	5	$5,800	
Interior Walls								
Gypsum Board	5%			LIFE	* *	5	$2,300	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	15%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor Rooms								
Explanation : This Component Is Actually Embossed Metal								
Plaster	65%			LIFE	* *	5	$15,100	
Wood	5%			LIFE	* *	5	$15,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	50%			LIFE	* *	5	$13,900	
Embossed Metal	20%	Now	$217,800	LIFE	* *	5	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Room 203 And Various Rooms On Fourth Floor								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Room 203 And Various Rooms On Fourth Floor								
Embossed Metal	10%			LIFE	* *	5	$2,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Exposed Struc: Wood	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$5,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	85%			2023	$59,000	1		
Conduit	15%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	80%			2022	$83,700	5	$1,000	
Molded Case Bkrs	10%			2039	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$77,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2028	* *	10	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	76%			2023	$349,400	10	$28,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2023	$9,200	10	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl Compact Flourescent Light								
HID	1%			2023	$3,300	10		
Incandescent	1%			2018	$4,600	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$5,000	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$173,700	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$41,800	1	$5,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$8,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$41,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$5,800	2033	* *	4	$2,000	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Pumps In Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2021	$391,000	1	$13,400	

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DEPARTMENT OF EDUCATION - 040
JAMAICA LEARNING CENTER - Q
Asset # : 1455

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$8,500	1		
No Component	90%							
Ventilation								
Exhaust Fans								
Wall Unit	5%			2023	$3,100	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	$9,600	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JAMES MADISON HIGH SCHOOL - BK**
Address : **3787 BEDFORD AVE. BTWN: QUENTIN RD., AVE. P**
Borough : **BROOKLYN**
Agency's Number : **K425**
Program / Asset # : **BOE0625.000 / 1222**
Yr Built/Renovated : **1925 / 2011**
Area Sq Ft : **255,000**
Project Type : **EDUCATION**
Date of Survey : **06-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **6788** **Lot** : **1**
BIN : **3182721**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$660,900	$601,200
Interior Architecture	$1,855,200	$1,176,700
Electrical	$545,800	$5,399,800
Mechanical	$587,000	$4,295,000
Total	**$3,648,900**	**$11,472,700**
Importance Code A	$660,900	$1,802,200
Importance Code B	$2,082,800	$9,606,200
Importance Code C	$905,100	$64,300
Total	**$3,648,900**	**$11,472,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,800			
Interior Architecture	$87,000		$34,300	$13,700
Electrical	$30,700	$2,900	$4,400	$5,200
Mechanical	$64,600	$32,100	$55,900	$43,300
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$246,900**	**$54,700**	**$114,400**	**$81,900**
Importance Code A	$67,600	$22,700	$22,700	$22,700
Importance Code B	$179,400	$32,000	$76,600	$59,200
Importance Code C			$15,000	
Total	**$246,900**	**$54,700**	**$114,400**	**$81,900**

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$159,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$339,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$271,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$10,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$25,400	
Windows								
Aluminum	88%			2051	* *	5	$76,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$10,900	
Metal Louvers	2%			2035	* *	10	$10,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$98,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$10,100	
Roof								
Built-Up (BUR)	97%			2036	* *	10	$140,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%	Now	$191,900	2036	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 2,Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
Asphalt Poured	5%	Now	$23,500	2046		* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Stair(s) 15/16									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Stair(s) 15/16									
Cast in Place Concrete	10%	Now	$35,700	LIFE		* *	5	$75,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Ceramic Tile	13%	Now	$86,500	2035		* *	5	$22,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 50%									
Location : Second Floor									
Explanation : Pool In Building									
Panel/Paver: Cer/Brk	5%			2034		* *	5	$38,600	
Terrazzo	8%	0-2	$63,900	LIFE		* *	5	$21,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Vinyl Tile	10%	Now	$29,200	2031		* *	3	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Vinyl Tile 9" X 9"	22%	Now	$83,200	2021	$832,300		3	$28,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Wood	27%	0-2	$305,800	2041		* *	5	$86,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%									
Location : Throughout									

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$271,300	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement C-6, C-25, Boiler Room								
Ceramic Tile	7%			2039	* *	5	$30,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Toilets								
Concrete Masonry Unit	5%	Now	$47,600	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	Now	$209,000	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	3%	0-2	$205,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$172,000	LIFE	* *	5	$64,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Third Floor Classrooms								
Ceilings								
AcousTile,Adhered	20%	0-2	$63,900	2031	* *	5	$34,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	15%	0-2	$41,700	2039	* *	5	$25,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%	Now	$55,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 3%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$34,300	
Plaster	10%	Now	$45,100	LIFE	* *	5	$21,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 516, 520								
Plaster	45%			LIFE	* *	5-10	$265,600	

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Disconnect Switches No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2026	$439,800	5	$6,000	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$23,900	5	$300	
Fused Disc Sw	5%			2042	* *	5	$300	
Fused Knife Sw	5%	2-4	$23,900	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2034	* *	5	$1,300	
Molded Case Bkrs	65%			2025	$310,900	5	$4,400	
Wiring								
Braided Cloth	70%	2-4	$545,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$155,900	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$115,100	5	$900	
Locally Mounted	50%			2039	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,500	
Lighting								
Interior Lighting								
Fluorescent	95%			2026	$2,421,300	10	$199,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2026	$54,900	10	$200	
Incandescent	2%			2021	$54,200	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$56,400	1		
Exit, Service	50%			2021	$30,900	1		
Exterior Lighting								
HID	100%			2026	$963,100	10	$800	
Alarm								

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$71,100	
Conversion Equipment								
Steam Boiler	100%			2024	$1,117,000	1	$227,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Oil Fired Steam Boilers								
2 - Coal Fired Steam Boilers - Not In Use								
Distribution								
Steam Piping/Pump	100%	Now	$320,400	2036	* *	4	$11,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Defective Steam Traps, Control Valves And Thermostats								
Terminal Devices								
Air Handler	20%			2021	$247,400	1	$28,400	
Convector/Radiator	80%			2024	$1,733,900	1	$59,300	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	20%			2021	$94,300	1		
No Component	80%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$198,000	LIFE	* *	2-5	$127,900	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement And Penthouse Fan Rooms - Deteriorated Flexible Ductwork Connections								
Damaged, Extent : Severe, Area Affected : 50%								
Location : Basement And Penthouse Fan Rooms - Deteriorated Flexible Ductwork Connections								
Exhaust Fans								
Interior	100%	Now	$25,400	2021	$253,600	2	$5,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement And Penthouse Fan Rooms - Defective Blower And Exhaust Fan Motors; Severely Deteriorated Fan Drive Systems - Bearings, Belts Etc.								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$68,500	2024	$685,300	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Cafeteria, Basement								
Water Heater								
Electric	100%			2021	$35,600	4	$2,000	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$22,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,400	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Room 403								
Sump Pump(s)								
Rigid Piping	25%			2026	$2,800	4	$600	
Submersible	75%	Now	$500	2019	$5,000	4	$1,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Pool Filter/Treatment								
Sand	100%			2039	* *	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement.								
Explanation : Under Construction.								
Fixtures								
Generic	20%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Generic	80%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK
Asset # : 1222

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Gearless Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Units B-5								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Through 3rd Floor								
Explanation : 1 Unit B-3.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE**		
Address	: **3787 BEDFORD AVE. BTWN: QUENTIN RD., AVE. P**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K425**
Program / Asset #	: **BOE0625.010 / 4477**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **1,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **6788** **Lot** : **1**	**BIN**	: **3182721**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$41,200
Mechanical		$106,000
Total		**$147,200**
Importance Code B		$147,200
Total		**$147,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,800			
Interior Architecture	$86,400			
Electrical	$15,000			
Mechanical	$3,300	$1,000	$800	$1,200
Total	**$134,500**	**$1,000**	**$900**	**$1,200**
Importance Code A	$32,900	$600	$600	$600
Importance Code B	$62,900	$400	$200	$600
Importance Code C	$38,600			
Total	**$134,500**	**$1,000**	**$900**	**$1,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE

Asset # : 4477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$13,800	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$800	LIFE	* *	5	$800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Upper Wall								
Windows								
Aluminum	100%			2051	* *	5	$2,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$11,300	
Pre-Cast Concrete	5%	2-4	$100	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%								
Location : Coping								
Roof								
Built-Up (BUR)	100%	Now	$5,500	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	95%	Now	$4,800	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%			2031	* *	5	$700	
Steel Plate	2%	Now	$17,600	LIFE	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Areaway Hatch And Access Ladder								
Interior Walls								
Ceramic Tile	60%	Now	$20,300	2029	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	30%	Now	$16,300	LIFE	* *	5	$2,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$2,000	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE
Asset # : 4477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Plaster	100%	Now	$25,300	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2026	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2025	$22,400	5		
Wiring								
Braided Cloth	80%	2-4	$14,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$3,700	1		
Lighting								
Interior Lighting								
HID	80%			2021	$41,200	10	$200	
Incandescent	20%			2021	$1,400	2		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2046	* *	5	$2,000	
No. 2 Fuel Oil, Extent : Severe, Area Affected : 100%								
Location : Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground								
Explanation : 2 - 275 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$3,100	2024	$31,400	1	$5,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Feed Water Tank, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - Steam Boiler								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MADISON HIGH SCHOOL - BK FIELDHOUSE

Asset # : 4477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2026	$45,000	4	$500	
Terminal Devices								
Convector/Radiator	100%			2024	$60,900	1	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	80%			2039	* *	1		
Galv Iron/Steel	20%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**JAMES MONROE HIGH SCHOOL - BX**			
Address	:	**1300 BOYNTON AVE. @ E. 172 ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X420**
Program / Asset #	:	**BOE0323.000 / 353**	**Yr Built/Renovated**	:	**1925 / 2000**
Area Sq Ft	:	**261,433**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-Mar-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**3864** **Lot** : **1**	**BIN**	:	**2027459**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$579,900	$348,200
Interior Architecture	$1,213,400	$445,900
Electrical	$623,800	$6,730,300
Mechanical	$2,885,800	$4,664,600
Total	**$5,302,900**	**$12,189,100**
Importance Code A	$1,852,600	$432,200
Importance Code B	$3,320,000	$11,679,000
Importance Code C	$130,400	$77,900
Total	**$5,302,900**	**$12,189,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$28,200		$27,000
Interior Architecture	$39,000	$28,900	$19,600	$36,700
Electrical	$83,300	$3,600	$6,000	$28,100
Mechanical	$46,800	$43,000	$64,800	$57,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$178,900**	**$113,500**	**$100,200**	**$158,600**
Importance Code A		$54,100	$25,900	$53,500
Importance Code B	$178,900	$49,200	$74,300	$105,200
Importance Code C		$10,300		
Total	**$178,900**	**$113,500**	**$100,200**	**$158,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$67,900	
Masonry: Brick	90%	Now	$472,400	LIFE	* *	5	$156,500	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Foundation*								
Masonry: Limestone	5%			LIFE	* *	5	$6,500	
Windows								
Aluminum	90%			2041	* *	5	$123,700	
Glass Block	10%			LIFE	* *	5	$8,600	
Parapets								
Copper/Terne	5%			2060	* *	5	$8,000	
Masonry: Brick	40%			LIFE	* *	5	$13,200	
Masonry: Brick Cavity	40%			LIFE	* *	5	$13,200	
Metal Security Bars	10%			2040	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$10,300	
Roof								
Built-Up (BUR)	70%			2030	* *	10	$107,500	
Metal Panel	10%			2038	* *	10	$28,200	
Modified Bitumen	15%			2030	* *	10	$23,000	
Skylight, Metal/Glass	5%			2035	* *	10	$25,600	
Interior								
Floors								
Asphalt Poured	5%	Now	$26,800	2045	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Stairs* *Wrinkling, Extent : Moderate, Area Affected : 25%* *Location : Stairs*								
Cast in Place Concrete	10%			LIFE	* *	5	$85,600	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Boiler Room*								
Ceramic Tile	10%			2034	* *	5	$39,100	
Mosaic Tile	5%			2030	* *	5	$48,900	
Quarry Tile	3%			2038	* *	5	$17,600	
Terrazzo	5%			LIFE	* *	5	$15,300	
Vinyl Tile	20%			2030	* *	3	$29,300	
Vinyl Tile	25%			2020	$831,800	3	$48,900	
Wood	17%			2040	* *	5	$124,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$130,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pool								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Pool								
Ceramic Tile	5%			2038	* *	5	$20,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,200	
Glass Block	2%			LIFE	* *			
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	63%			LIFE	* *	5	$77,900	
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$97,800	
Exposed Concrete	5%	Now	$63,000	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Beam Under Pool								
Plaster	50%			LIFE	* *	5	$122,300	
Plaster	5%			LIFE	* *	5	$12,200	
Plaster	15%	Now	$77,000	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 504, Under Auditorium Balcony								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Under Auditorium Balcony								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1800 Amperes And 1400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$488,700	5	$1,100	
Raceway								
Conduit	100%			2025	$578,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$600	
Fused Knife Sw	5%	2-4	$23,900	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%	2-4	$23,900	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2024	$382,700	5	$5,500	
Wiring								
Braided Cloth	80%	2-4	$623,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2025	$155,900	1		
Motor Controllers								
Locally Mounted	80%			2023	$184,200	5	$1,400	
Locally Mounted	10%	2-4	$23,000	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	10%			2030	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	10%			2030	* *	10	$24,000	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	87%			2025	$2,526,500	10	$208,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2025	$62,600	10	$300	
Egress Lighting								
Emergency, Battery	50%			2025	$176,300	10	$31,600	
Exit, Service	50%			2025	$35,300	1		
Exterior Lighting								
HID	100%			2025	$987,400	10	$800	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$29,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$812,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$128,800	2035	* *	5	$40,500	
Abandoned in Place, Extent : Severe, Area Affected : 50%								
Location : 1of 2 Oil Tank, Due To Corroded And Leakage, Basement								
Conversion Equipment								
Steam Boiler	100%	2-4	$1,272,700	2045	* *	1	$233,000	
Obsolete Equipment, Extent : Light, Area Affected : 1%								
Location : 2 Obsolete Coal Units Remain In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units On Extended Life								
Distribution								
Steam Piping/Pump	100%	Now	$182,500	2025	$1,825,400	4	$12,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Supply Line On Top Of Boiler Next To The Prv								
Repairs In Progress, Extent : Light, Area Affected : 10%								
Location : Return Line, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Air Handler	50%	Now	$14,100	2020	$704,800	1	$72,700	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Coil For Music Room								
Convector/Radiator	50%			2023	$1,234,700	1	$42,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2020	$322,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$145,800	
Exhaust Fans								
Interior	95%	Now	$5,500	2020	$274,500	2	$6,100	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Leather Drive Belts Missing, Basement								
Roof	5%			2020	$10,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2025	$546,600	1		
Galv Iron/Steel	30%			2023	$234,200	1		
Water Heater								
Gas Fired	100%			2023	$60,800	2	$3,800	
HW Heat Exchanger								
Low Temp	100%			2025	$81,100	4	$38,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Top Of Each Boiler								
Explanation : 2 Units For Swimming Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2023	$484,900	4		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : (2) B-5 (2) B-1								
Explanation : Two Elevators B-5. Two Hoists B-1, One Not In Service And Other Has Been Sealed Off								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$91,600	1-2	$2,200	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JAMES MONROE HIGH SCHOOL - BX
Asset # : 353

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JAMES MONROE HIGH SCHOOL - BX ANNEX**		
Address	: **1551 EAST 172ND STREET @ BOYNTON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X423**
Program / Asset #	: **BOE1102.000 / 14453**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **148,358**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3864** **Lot** : **12**	**BIN**	: **2830385**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,500	$511,500
Interior Architecture	$508,500	$1,220,900
Electrical		$134,700
Mechanical		$36,800
Total	**$547,000**	**$1,903,900**
Importance Code A	$38,500	$511,500
Importance Code B	$274,100	$657,900
Importance Code C	$234,400	$734,400
Total	**$547,000**	**$1,903,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,400			
Interior Architecture		$73,400		
Electrical	$8,900	$6,200	$6,200	$10,600
Mechanical	$20,700	$24,700	$32,200	$20,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$57,000**	**$112,100**	**$46,300**	**$38,700**
Importance Code A	$26,800	$7,300	$7,300	$7,300
Importance Code B	$30,200	$104,800	$39,000	$31,400
Total	**$57,000**	**$112,100**	**$46,300**	**$38,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MONROE HIGH SCHOOL - BX ANNEX

Asset # : 14453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$39,700	
Masonry: Brick Cavity	93%			LIFE	* *	5	$368,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$64,500	
Windows								
Aluminum	100%			2047	* *	5	$77,000	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$23,300	
Metal Rail	10%			2042	* *	5-10	$49,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,600	
Roof								
IRMA/Protected Membrane	10%			2033	* *	10	$2,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Roof Over First Floor*								
IRMA/Protected Membrane	70%			2033	* *	10	$18,900	
Paver Block Ballast, Extent : Moderate, Area Affected : 10% *Location : Over Fourth Floor*								
Metal Panel	20%			2042	* *	10	$9,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$135,100	
Ceramic Tile	5%			2038	* *	5	$30,900	
Vinyl Tile	75%			2033	* *	3	$173,700	
Wood	10%			2060	* *	5	$115,800	
Interior Walls								
Ceramic Tile	25%			2038	* *	5	$312,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$50,000	
Folding Partition	5%			2047	* *	5	$156,300	
Gypsum Board	60%			LIFE	* *	5	$450,000	
Ceilings								
AcousTileSusp.Lay-In	70%			2042	* *	5	$432,400	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$77,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Electrical Room* *Explanation : 2- Main Service Switches Rated @ 4000 Amperes Each*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MONROE HIGH SCHOOL - BX ANNEX

Asset # : 14453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2042	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 45 Kva, 408/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	20%			2047	* *	5	$700	
Molded Case Bkrs	80%			2047	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$45,600	
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Main Tank	100%			2060	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : No Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$129,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$2,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	2%			2033	* *	10	$2,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2033	* *	10		
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MONROE HIGH SCHOOL - BX ANNEX

Asset # : 14453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2033	* *	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Steel Lightning Rods								
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$16,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Horns, Smoke Detectors, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Roof Top Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 12 Units Using R-407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JAMES MONROE HIGH SCHOOL - BX ANNEX

Asset # : 14453

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2030	* *	2	$4,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2023	$34,500	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	* *	1	$9,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$41,600	
Fire Pump								
Generic	100%			2034	* *	1	$27,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JANE ADDAMS VOCATIONAL H.S. - BX**
Address : **900 TINTON AVENUE BTWN: EAST 163 ST., EAST 161 ST.**
Borough : **BRONX** | **Agency's Number** : **X650**
Program / Asset # : **BOE0334.000 / 350** | **Yr Built/Renovated** : **1937 / 2015**
Area Sq Ft : **129,000** | **Project Type** : **EDUCATION**
Date of Survey : **29-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2668** **Lot** : **1** | **BIN** : **2004807**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$305,800	$438,100
Interior Architecture	$209,400	$117,900
Electrical		$257,700
Mechanical	$67,000	$808,500
Total	**$582,200**	**$1,622,100**
Importance Code A	$305,800	$459,100
Importance Code B	$207,500	$1,125,500
Importance Code C	$68,900	$37,600
Total	**$582,200**	**$1,622,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,800			
Interior Architecture	$89,400		$31,800	$2,900
Electrical	$29,000	$10,400	$19,500	$10,400
Mechanical	$36,900	$35,500	$40,100	$29,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$174,000**	**$53,800**	**$99,300**	**$50,800**
Importance Code A	$23,400	$12,600	$12,600	$12,600
Importance Code B	$122,100	$41,200	$86,700	$35,300
Importance Code C	$28,500			$2,900
Total	**$174,000**	**$53,800**	**$99,300**	**$50,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$115,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$21,600	
Windows								
Aluminum	97%	Now	$248,100	2042	* *	5	$14,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	3%			2035	* *	10	$5,700	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	78%			2026	$280,100	10	$61,100	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Copper/Terne	20%			2041	* *	10	$39,200	
Repairs in Progress, Extent : Light, Area Affected : 20%								
Location : Over Gymnasium								
Skylight, Metal/Glass	2%			2036	* *	10	$5,200	
Interior								
Floors								
Ceramic Tile	5%	Now	$18,400	2035	* *	5	$4,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Basement Girls Toilet								
Quarry Tile	5%			2039	* *	5	$14,300	
Terrazzo	10%			LIFE	* *	5	$29,700	
Vinyl Tile	70%			2031	* *	3	$49,900	
Wood	10%			2041	* *	5	$35,700	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$5,800	
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Marble Panels	2%			LIFE	* *	10	$1,500	
Plaster	65%			LIFE	* *	5-10	$106,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,100	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$16,100	
Gypsum Board	5%			LIFE	* *	5-10	$27,600	
Metal Panel	5%			LIFE	* *	5	$20,100	
Plaster	75%			LIFE	* *	5-10	$207,100	
Plaster	5%			LIFE	* *	5-10	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Fused Disc Sw	50%			2026	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2036	* *	5	$300	
Fused Disc Sw	50%			2026	$97,700	5	$300	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Molded Case Bkrs	95%			2034	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$39,700	
Generators								
Diesel	100%			2029	* *	1	$50,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 250kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$28,800	
Fuel Storage								
Day Tank	50%			2034	* *	5	$11,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2041	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$110,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2021	$28,200	10	$2,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Storage								
HID	2%			2026	$20,300	10	$100	
Incandescent	1%			2021	$14,100	2		
Egress Lighting								
Emergency, Service	50%			2026	$31,300	1		
Exit, Service	50%			2026	$17,100	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$14,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$125,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units. 2 Heat Exchangers To Convert Hot Water For Heating Devices								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2034	* *	4	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Air Handlers								
Explanation : Glycol System, Basement Only								
Steam Piping/Pump	80%	Now	$35,500	2036	* *	4	$5,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2026	$137,000	1	$15,700	
Convector/Radiator	45%			2031	* *	1	$18,500	
Fan Coil Unit/Heat	20%			2026	$380,500	1	$8,200	
Unit Heater-Stm/HW	15%			2026	$123,100	4	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2026	$43,100	1	$5,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Computer Room And Lab								
Explanation : Split Units								
Window/Wall Unit	10%			2021	$26,100	1		
No Component	80%							
Terminal Devices								
Fan Coil - Cooling	10%			2026	$19,600	1	$4,100	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2026	$5,100	2	$8,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$112,200	
Exhaust Fans								
Interior	60%			2026	$84,300	2	$2,300	
Roof	40%			2026	$40,400	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$29,600	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JANE ADDAMS VOCATIONAL H.S. - BX
Asset # : 350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$64,100	
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$5,300	
Fire Pump								
Generic	100%			2029	* *	1	$23,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JOHN ADAMS HIGH SCHOOL - Q**
Address : **101-01 ROCKAWAY BLVD.**
Borough : **QUEENS**
Agency's Number : **Q480**
Program / Asset # : **BOE0885.000 / 1477**
Yr Built/Renovated : **1930 / 2012**
Area Sq Ft : **261,450**
Project Type : **EDUCATION**
Date of Survey : **23-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9522** **Lot** : **29** **BIN** : **4201987**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$760,100	$355,800
Interior Architecture	$2,173,900	$1,456,100
Electrical	$266,900	$6,121,600
Mechanical	$866,900	$3,542,200
Total	**$4,067,900**	**$11,475,700**
Importance Code A	$760,100	$1,811,000
Importance Code B	$3,005,200	$8,914,300
Importance Code C	$302,600	$750,400
Total	**$4,067,900**	**$11,475,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,800	$4,900	$11,800	
Interior Architecture		$36,900		
Electrical	$14,700	$94,500	$3,100	$2,900
Mechanical	$50,300	$52,300	$61,700	$40,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$112,700**	**$192,600**	**$80,500**	**$47,300**
Importance Code A	$71,700	$33,400	$39,700	$27,900
Importance Code B	$41,000	$159,200	$40,800	$19,400
Importance Code C				
Total	**$112,700**	**$192,600**	**$80,500**	**$47,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%	Now	$514,000	LIFE	* *	5	$123,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cornices								
Masonry: Brick	80%			LIFE	* *	5	$157,900	
Masonry: Granite	5%			LIFE	* *	5	$7,400	
Masonry: Limestone	5%			LIFE	* *	5	$7,400	
Stucco Cement	2%			2028	* *	5	$9,900	
Windows								
Aluminum	95%			2039	* *	5	$23,600	
Glass Block	3%			LIFE	* *	5	$500	
Wood	2%	Now	$14,000	2048	* *	5	$2,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Cast Stone/Terra Cotta	8%	Now	$29,900	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Masonry: Brick	90%			LIFE	* *	5	$13,200	
Masonry: Limestone	2%			LIFE	* *	5	$400	
Roof								
Built-Up (BUR)	90%	Now	$246,100	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Gymnasium								
Copper/Terne	10%			2051	* *	10	$74,600	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$184,400	
Ceramic Tile	3%			2026	$245,100	5	$12,600	
Mosaic Tile	2%			2028	* *	5	$21,100	
Terrazzo	5%			LIFE	* *	5	$16,500	
Vinyl Tile	50%			2018	$1,792,300	3	$79,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	20%			2038	* *	5	$158,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$302,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Exterior Pool Wall								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Exterior Pool Wall								
Ceramic Tile	5%			2026	$660,000	5	$23,900	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	63%			LIFE	* *	5	$90,400	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$39,400	
Exposed Concrete	10%			LIFE	* *	5	$6,200	
Plaster	80%			LIFE	* *	5	$197,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$464,300	5	$1,100	
Fused Disc Sw	5%			2043	* *	5	$100	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$23,900	5	$300	
Fused Disc Sw	5%			2039	* *	5	$300	
Molded Case Bkrs	60%			2022	$287,000	5	$4,100	
Molded Case Bkrs	30%			2031	* *	5	$2,100	
Wiring								
Braided Cloth	5%	2-4	$39,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	80%			2033	* *	1		
Thermoplastic	15%			2023	$117,000	1		
Motor Controllers								
Locally Mounted	50%			2021	$115,100	5	$900	
Locally Mounted	50%			2036	* *	5	$900	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$3,034,800	10	$250,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2028	* *	10	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lighting Fixtures								
HID	1%			2018	$22,500	10	$100	
Incandescent	1%			2018	$31,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$190,000	10	$34,000	
Exit, Service	50%			2018	$38,000	1		
Exterior Lighting								
HID	100%			2023	$987,400	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$237,300	1	$29,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways & Outside Building								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$693,700	5	$87,300	
Conversion Equipment								
Steam Boiler	100%			2021	$1,371,200	1	$278,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$39,300	2033	* *	4	$13,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2018	$303,700	1	$34,800	
Convector/Radiator	50%			2028	* *	1	$45,500	
Fan Coil Unit/Heat	30%	Now	$126,500	2023	$1,265,200	1	$24,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$57,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$157,100	
Exhaust Fans								
Interior	95%			2018	$295,800	2	$8,200	
Roof	5%			2023	$11,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$41,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2028	* *	4		
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
JOHN ADAMS HIGH SCHOOL - Q
Asset # : 1477

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$98,700	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**JOHN BOWNE HIGH SCHOOL - Q**			
Address	:	**63-25 MAIN ST. FLUSHING @ REEVES AVE.**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q425**
Program / Asset #	:	**BOE0873.000 / 1493**	**Yr Built/Renovated**	:	**1964 / 2009**
Area Sq Ft	:	**271,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**24-Oct-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**6507** **Lot** : **1**	**BIN**	:	**4439900**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$328,300	$796,300
Interior Architecture	$2,674,200	$432,100
Electrical	$802,900	$1,795,100
Mechanical	$207,200	$3,571,500
Total	**$4,012,500**	**$6,595,000**
Importance Code A	$328,300	$2,301,600
Importance Code B	$3,684,200	$4,172,000
Importance Code C		$121,500
Total	**$4,012,500**	**$6,595,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,600	$6,400		$20,600
Interior Architecture	$27,300	$34,100	$6,600	$40,300
Electrical	$45,300	$30,600	$24,000	$23,300
Mechanical	$131,500	$84,500	$150,100	$79,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$243,700**	**$159,500**	**$184,600**	**$167,400**
Importance Code A	$64,600	$35,300	$28,900	$50,100
Importance Code B	$179,100	$124,200	$155,700	$117,300
Importance Code C				
Total	**$243,700**	**$159,500**	**$184,600**	**$167,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$143,200	
Masonry: Brick Cavity	5%			LIFE	* *	5	$10,200	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Chiller Room								
Masonry: Brick Cavity	3%	Now	$23,000	LIFE	* *	5	$6,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Exits 5/6, 7/8, 9/10								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exits 5 And 6, 7 And 8, 9 And 10								
Metal/Glass Curt Wall	15%			LIFE	* *	5	$57,500	
Metal Sect. OHD	2%			2038	* *	5	$12,800	
Window Wall	5%			2045	* *	5	$38,400	
Windows								
Aluminum	98%			2047	* *	5	$25,300	
Metal Louvers	2%			2034	* *	10	$3,200	
Parapets								
Masonry: Brick Cavity	58%			LIFE	* *	5	$8,800	
Masonry: Brick Cavity	5%			LIFE	* *	5	$800	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Chiller Room								
Metal Panel	5%			2045	* *	5	$2,900	
Metal Rail	30%			2038	* *	5-10	$82,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	60%	Now	$170,000	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Built-Up (BUR)	5%			2033	* *	10	$15,500	
Copper/Terne	5%			2053	* *	10	$38,700	
Modified Bitumen	30%	Now	$108,100	2025	$540,600			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium, Corridors								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$95,600	
Ceramic Tile	3%			2034	* *	5	$13,100	
Terrazzo	2%			LIFE	* *	5	$6,800	
Vinyl Tile	5%	Now	$185,800	2035	* *	3	$8,200	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Vinyl Tile	10%			2033	* *	3	$16,400	
Vinyl Tile	15%			2030	* *	3	$24,600	
Vinyl Tile 9" X 9"	50%			2020	$2,406,700	3	$109,200	
Wood	5%			2053	* *	5	$41,000	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$19,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$9,900	
Masonry: Brick	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$81,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs 1/2, 5/6, 7/8, 9/10								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$39,700	
Ceilings								
AcousTileSusp.Lay-In	40%			2042	* *	5	$163,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 324, 354								
AcousTileSusp.Lay-In	5%			2030	* *	5	$20,400	
Exposed Concrete	30%			LIFE	* *	5	$19,100	
Exposed Struc: Steel	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Fiber Board	5%			2025	$133,400			
Metal Panel	5%			LIFE	* *	5	$25,500	
Plaster	10%			LIFE	* *	5	$25,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 3000 Amperes Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2038	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva And 75 Kva, 480/277/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	85%			2025	$415,400	5	$1,000	
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	10%			2045	* *	5	$700	
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	30%			2033	* *	5	$1,900	
Molded Case Bkrs	60%			2024	$287,000	5	$4,300	
Molded Case Bkrs	10%			2041	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$545,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$184,200	5	$1,500	
Locally Mounted	10%	2-4	$23,000	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Motor Control Center	10%			2042	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$83,400	
Generators								
Natural Gas	100%			2021	$121,400	1	$105,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 50 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$10,000	
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2030	* *	10	$214,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	16%			2030	* *	10	$42,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor								
HID	2%			2025	$46,600	10	$200	
LED	2%			2033	* *			
Egress Lighting								
Emergency, Service	40%			2025	$57,400	1		
Emergency, Battery	10%			2025	$39,400	10	$7,000	
Exit, Service	50%			2025	$39,400	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$30,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$90,400	
Conversion Equipment								
Steam Boiler	100%			2023	$1,421,200	1	$289,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$101,900	2035	* *	4	$14,400	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Back Up Tank, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2025	$393,500	1	$45,100	
Convector/Radiator	75%			2030	* *	1	$70,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2038	* *	1	$221,200	
R-134a Refrigerant, Extent : Light, Area Affected : 90%								
Location : Court Yard A C Room								
Window/Wall Unit	10%			2020	$60,000	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	70%			2051	* *	4	$10,100	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2025	$1,293,800	1	$126,400	
No Component	30%							
Heat Rejection								
Water Cool Tower	70%			2029	* *	2	$205,700	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$162,800	
Exhaust Fans								
Interior	25%			2025	$80,700	2	$2,200	
Roof	75%			2025	$174,100	2	$6,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$9,100	2025	$90,600	4	$28,900	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
JOHN BOWNE HIGH SCHOOL - Q
Asset # : 1493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$4,100	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JOHN DEWEY HIGH SCHOOL - BK**
Address : **50 AVENUE X @STILLWELL AVE. BTWN: WEST 12 ST., WEST 11 ST.**
Borough : **BROOKLYN**
Agency's Number : **K540**
Program / Asset # : **BOE0645.000 / 1208**
Yr Built/Renovated : **1969 / 2015**
Area Sq Ft : **305,996**
Project Type : **EDUCATION**
Date of Survey : **27-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7185** **Lot** : **20** **BIN** : **3194998**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,684,700	$2,230,700
Interior Architecture	$1,691,800	$3,999,900
Electrical	$506,800	$3,916,300
Mechanical	$616,800	$3,377,200
Total	**$4,500,100**	**$13,524,100**
Importance Code A	$1,684,700	$3,835,500
Importance Code B	$2,196,900	$9,616,400
Importance Code C	$618,500	$72,200
Total	**$4,500,100**	**$13,524,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$74,800		$38,700	$40,100
Electrical	$7,200	$2,300	$3,300	$5,900
Mechanical	$84,800	$54,900	$82,700	$82,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$170,800**	**$61,200**	**$128,600**	**$132,400**
Importance Code A	$32,600	$32,600	$32,600	$32,600
Importance Code B	$127,000	$28,500	$82,000	$99,800
Importance Code C	$11,200		$14,000	
Total	**$170,800**	**$61,200**	**$128,600**	**$132,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	0-2	$411,300	LIFE	* *	5	$219,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : At Vertical Expansion Joints - Interior Courtyard Facades								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Above Window Lintels, All Facades								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various Locations, All Facades								
Explanation : Glazed Masonry								
Metal Panel	5%			2046	* *	5-10	$79,400	
Windows								
Aluminum	95%	Now	$1,159,600	2051	* *	5	$13,800	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Steel	5%	Now	$76,100	2051	* *	5	$9,100	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Throughout.								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Parapets								
Masonry: Brick Cavity	95%	2-4	$37,700	LIFE	* *	5	$16,300	
Painted Surfaces, Extent : Light, Area Affected : 25%								
Location : Interior Face Of Parapet Wall								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of Parapet Wall								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Exterior Face - Throughout								
Explanation : Patching Evident								
Metal Panel	5%			2046	* *	5	$3,300	
Roof								
Built-Up (BUR)	95%			2026	$1,520,000	10	$331,900	
Debris Present, Extent : Moderate, Area Affected : 20%								
Location : Interior One-story Courtyard Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Penetration Above Dance Studio								
Modified Bitumen	5%			2026	$101,700	10	$17,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

JOHN DEWEY HIGH SCHOOL - BK

Asset # : 1208

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2025	$314,900	3	$37,000	
Cast in Place Concrete	10%			LIFE	* *	5	$215,900	
Ceramic Tile	5%			2029	* *	5	$24,700	
Terrazzo	5%			LIFE	* *	5	$38,500	
Vinyl Tile	5%			2026	$209,800	3	$12,300	
Vinyl Tile 9" X 9"	60%			2021	$3,261,000	3	$148,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Door Thresholds Throughout								
Wood	10%	2-4	$488,200	2041	* *	5	$46,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Stage Floor - Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Dance Studio Room 108/110								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$28,000	
Concrete Masonry Unit	10%	Now	$62,200	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Staircase Number 2 And Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$22,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Acoustic Block								
Folding Partition	2%	Now	$44,600	2034	* *	5	$14,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Gymnasium - G -17								
Plaster	43%			LIFE	* *	5-10	$204,600	
SGFT/Glazed Masonry	35%	Now	$379,400	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor, Corridor Outside Dance Studio And Leading Into Cafeteria								
Ceilings								
AcousTile,Adhered	5%	Now	$4,300	2031	* *	5	$11,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Landscape Equipment Garage								
AcousTileSusp.Lay-In	25%			2039	* *	5	$115,300	
Metal Panel	15%			LIFE	* *	5	$173,000	
Plaster	55%	Now	$333,000	LIFE	* *	5	$158,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Fan Rooms 4 And 7,Staircase Number 2, Rooms 323, 337 And 361. Idf Room.								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Same Locations As Horizontal Cracks								

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DEPARTMENT OF EDUCATION - 040

JOHN DEWEY HIGH SCHOOL - BK

Asset # : 1208

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,300	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$700	
Molded Case Bkrs	10%			2042	* *	5	$800	
Molded Case Bkrs	80%			2025	$382,700	5	$6,400	
Wiring								
Braided Cloth	65%	2-4	$506,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	98%			2024	$225,600	5	$2,000	
Locally Mounted	2%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Fan 3 Staircase 2								
Explanation : Variable Frequency Drive Type.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$9,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$287,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Mostly T-8 Lamps								
HID	3%			2026	$78,900	10	$300	
Incandescent	2%			2026	$73,200	2	$100	

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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$39,800	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	90%			2026	$1,040,100	10	$800	
Incandescent	10%			2021	$98,100	2		
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Lobby								
Explanation : Internet Protocol Digital Video System Type								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$633,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$102,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room Vault								
Explanation : 2 20,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2024	$1,604,800	1	$326,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Boiler Burner Have Been Upgraded								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	10%	0-2	$46,000	2046	* *	4	$1,600	
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Throughout But Primarily At Radiator Connection Points								
Steam Piping/Pump	90%			2036	* *	4	$14,600	

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DEPARTMENT OF EDUCATION - 040

JOHN DEWEY HIGH SCHOOL - BK

Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	0-2	$177,700	2036	* *	1	$18,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Auditorium And Library Fan Rooms, Defective Climate Control Systems								
Air Handler	40%			2021	$711,000	1	$81,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium Fan Rooms								
Convector/Radiator	10%	0-2	$311,400	2046	* *	1	$9,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Climate Control Systems								
Convector/Radiator	40%			2031	* *	1	$42,600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2031	* *	1	$7,600	
Split Unit	5%			2031	* *			
Window/Wall Unit	60%			2021	$406,600	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	5%			2046	* *	4	$1,200	
No Component	95%							
Terminal Devices								
Direct Expansion	5%			2031	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Fan Room								
Explanation : This Unit Serves The Library								
Air Handler/Cool/Ht	5%			2021	$91,300	1	$10,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Fan Room								
Explanation : The Existing Blower Has New Chilled Water Coils Installed In The Ductwork								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$291,000	
Exhaust Fans								
Interior	40%			2021	$145,800	2	$4,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Auditorium Fan Rooms								
Roof	60%			2021	$157,200	2	$6,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
JOHN DEWEY HIGH SCHOOL - BK
Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Domestic Hot And Colld Water Piping								
Water Heater								
Gas Fired	100%			2021	$76,700	2	$4,800	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$32,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Pit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	90%							
Generic	10%			2031	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Science Laboratories Only								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Toilet Rooms								
Explanation : All Toilet Rooms Have Been Upgraded With New Fixtures								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 To 3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JOHN DEWEY HIGH SCHOOL - BK

Asset # : 1208

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Unit Was Cited With Violation By The Fire Department. It Appears To Have Not Been Inspected Since 2005								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JOHN F. KENNEDY HIGH SCHOOL - BX**
Address : **WEST 230 STREET & TIBBETT AVE. 99 TERRACE VIEW AVE, MANHATTAN**
Borough : **BRONX** | **Agency's Number** : **X475**
Program / Asset # : **BOE0332.000 / 1101** | **Yr Built/Renovated** : **1972 / 2011**
Area Sq Ft : **477,518** | **Project Type** : **EDUCATION**
Date of Survey : **01-Sep-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,7,8**
Block : **2215** **Lot** : **80** | **BIN** : **1064532**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,596,400	$1,584,300
Interior Architecture	$1,557,000	$5,733,100
Electrical	$3,075,500	$3,031,400
Mechanical	$792,900	$3,127,400
Total	**$8,021,800**	**$13,476,200**
Importance Code A	$2,721,600	$4,088,600
Importance Code B	$5,039,400	$9,121,200
Importance Code C	$260,700	$266,400
Total	**$8,021,800**	**$13,476,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,200			
Interior Architecture	$25,400			$72,200
Electrical	$38,500	$36,800	$33,200	$33,300
Mechanical	$68,300	$106,400	$155,900	$94,500
Elevators/Escalators	$55,100	$55,100	$55,100	$55,100
Total	**$231,500**	**$198,200**	**$244,200**	**$255,100**
Importance Code A	$44,200	$50,900	$50,900	$50,900
Importance Code B	$187,300	$147,300	$193,300	$204,100
Importance Code C				
Total	**$231,500**	**$198,200**	**$244,200**	**$255,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$380,500	
Masonry: Brick	10%	Now	$135,100	LIFE	* *	5	$44,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Mechanical Penthouse, South Door								
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : South Facade								
Masonry: Limestone	5%	0-2	$48,900	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$2,257,600	2048	* *	5	$26,900	
Air Infiltration, Extent : Moderate, Area Affected : 35%								
Location : North Facade								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : South Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Parapets								
Masonry: Brick	65%	Now	$22,400	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	35%	Now	$21,800	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	40%			2028	* *	10	$96,900	
IRMA/Protected Membrane	60%	Now	$58,000	2023	$1,159,000			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	13%	Now	$52,100	LIFE	* *	5	$219,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Sub Basement								
Explanation : Ground Water								
Ceramic Tile	5%	0-2	$74,600	2032	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	4+	$143,200	LIFE	* *	5	$12,000	
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor At Gymnasium Entrance And Toilets								
Vinyl Tile	75%	0-2	$491,000	2023	$4,910,200	3	$216,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	0-2	$25,400	2038	* *	5	$36,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$120,500	2032	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$52,400	
Folding Partition	5%			2031	* *	5	$109,200	
Metal Panel	5%			LIFE	* *			
Plaster	40%	0-2	$140,200	LIFE	* *	5	$104,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Limited Areas								
Ceilings								
AcousTile,Adhered	40%	Now	$535,400	2036	* *	5	$144,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor, 4th Floor, 8th Floor								
Exposed Concrete	20%			LIFE	* *	5	$22,500	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$157,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JOHN F. KENNEDY HIGH SCHOOL - BX

Asset # : 1101

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Transformers								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Conduit	90%			2023	$780,300	1		
Conduit	10%			2033	* *	1		
Panelboards								
Molded Case Bkrs	60%			2022	$439,500	5	$7,500	
Molded Case Bkrs	40%			2031	* *	5	$5,000	
Wiring								
Thermoplastic	80%			2023	$935,700	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$172,700	5	$1,600	
Locally Mounted	20%			2028	* *	5	$600	
Motor Control Center	30%			2021	$650,100	5	$3,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Water Main							
	Explanation : Basement							
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$146,900	
Generators								
Natural Gas	100%			2019	$121,400	1	$184,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : One 85 Kva Onan Genset							
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$106,400	
Lighting								
Interior Lighting								
Fluorescent	85%			2028	* *	10	$401,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Using T-8 Lamps							
HID	10%			2018	$410,600	10	$1,700	
Incandescent	5%			2018	$285,700	2	$600	
Egress Lighting								
Under Construction	45%							
Under Construction	55%							

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DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$1,803,400	10	$1,500	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$159,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Tanks Of 20,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$125,200	2021	$2,504,300	1	$458,500	
Cracked, Extent : Moderate, Area Affected : 25%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$25,400	
Terminal Devices								
Air Handler	50%			2028	* *	1	$159,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Undergoing Construction And Updating								
Convector/Radiator	50%			2028	* *	1	$83,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2023	$237,500	2	$3,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	10%			2018	$105,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$286,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

JOHN F. KENNEDY HIGH SCHOOL - BX

Asset # : 1101

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	85%			2028	* *	2	$13,400	
Roof	15%			2023	$61,300	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Undergoing Construction And Updating								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$119,700	2	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : One Unit								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$76,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	0-2	$223,500	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement And Sub Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$71,800	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sub Basement								
Explanation : Water Penetration At Sub Basement Electrical Room								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2023	$49,900	1	$31,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Toilet Rooms								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-8								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN F. KENNEDY HIGH SCHOOL - BX
Asset # : 1101

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) 1-2, (2) 2-4, (2) 4-6, (2) 6-8								
Explanation : 7 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$259,400	
Sprinkler								
No Component	75%							
Generic	25%			2033	* *	1-2	$36,000	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JOHN JAY CAMPUS HIGH SCHOOLS- BK**		
Address	: **237 SEVENTH AVE BTWN: 5 ST., 4 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K460**
Program / Asset #	: **BOE0633.000 / 1229**	**Yr Built/Renovated**	: **1903 / 2015**
Area Sq Ft	: **265,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-May-2015**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1082** **Lot** : **1**	**BIN**	: **3025510**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,360,100	$913,200
Interior Architecture	$973,800	$417,000
Electrical	$1,394,200	$3,553,300
Mechanical	$717,100	$3,541,900
Total	**$4,445,100**	**$8,425,500**
Importance Code A	$1,360,100	$1,005,000
Importance Code B	$2,786,200	$7,326,900
Importance Code C	$298,800	$93,600
Total	**$4,445,100**	**$8,425,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,700		$36,600	
Interior Architecture	$45,900	$17,800		$4,500
Electrical	$6,700	$12,200	$12,700	$14,300
Mechanical	$49,100	$36,800	$55,000	$48,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$151,300**	**$71,800**	**$109,200**	**$72,300**
Importance Code A	$68,300	$23,600	$60,200	$23,600
Importance Code B	$60,700	$48,200	$49,000	$48,700
Importance Code C	$22,300			
Total	**$151,300**	**$71,800**	**$109,200**	**$72,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$108,600	LIFE	* *	5	$176,200	
Broken/Missing Elements, Extent : Light, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Stories								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$550,700	
Masonry: Brick	65%	Now	$377,600	LIFE	* *	5	$229,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$79,300	
Windows								
Aluminum	95%	Now	$392,700	2042	* *	5	$42,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal/Detention Type	5%	0-2	$97,900	2046	* *	5	$8,200	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%	Now	$17,300	LIFE	* *	5	$19,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Masonry: Brick	65%	Now	$68,300	LIFE	* *	5	$10,800	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5-10	$30,500	
Metal Rail	5%			2039	* *	5-10	$15,100	
Roof								
Built-Up (BUR)	75%			2031	* *	10	$112,500	
Copper/Terne	10%			2041	* *	10	$37,500	
Metal Panel	10%			2039	* *	10	$27,500	
Skylight, Metal/Glass	5%			2036	* *	10	$25,000	
Interior								

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DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$156,100	
Ceramic Tile	5%	Now	$151,100	2029	* *	5	$8,900	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Toilet Rooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 45%								
Location : Toilet Rooms								
Terrazzo	5%	Now	$45,300	LIFE	* *	5	$13,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : First Floor Lobby								
Vinyl Tile	10%	Now	$66,300	2031	* *	3	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Explanation : A Good Percentage Of Vinyl Tile Is 9x9s								
Vinyl Tile	40%			2036	* *	3	$53,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	30%	Now	$192,900	2041	* *	5	$100,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	$67,200	2029	* *	5	$22,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	Now	$94,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	70%	Now	$136,700	LIFE	* *	5	$93,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout, Cafeteria, Classrooms, Corridors, Toilets And Fifth Floor Hallway								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms On Fifth Floor								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$22,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$23,700	2039	* *	5	$33,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Corridors Throughout								
AcousTileSusp.Lay-In	5%			2031	* *	5	$17,800	
Exposed Concrete	10%			LIFE	* *	5-10	$44,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$35,700	
Plaster	65%	Now	$66,500	LIFE	* *	5	$145,000	
Broken/Missing Elements, Extent : Light, Area Affected : 35%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$91,800	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated At 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$373,700	5	$800	
Fused Knife Sw	30%	2-4	$160,200	2056	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$568,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Knife Sw	25%	2-4	$130,600	2051	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Electrical Room And Equipment Room.								
Explanation : Obsolete Equipment								
Fused Toggle Switch	15%	2-4	$78,400	2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life.								
Molded Case Bkrs	60%			2025	$313,500	5	$4,200	
Wiring								
Braided Cloth	90%	2-4	$766,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%	2-4	$125,700	2046	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Locally Mounted	50%			2024	$125,700	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Watermain								
Stand-by Power								
Generators								
Natural Gas	100%	Now	$132,700	2041	* *	1	$92,400	
Engine Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$212,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$200	
Incandescent	1%			2031	* *	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$28,800	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$1,093,300	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$175,200	1	$19,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$599,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$236,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers.recently Installed.								
Distribution								
Steam Piping/Pump	100%	Now	$545,600	2046	* *	4	$11,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Pool Area								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	40%	Now	$112,400	2026	$561,800	1	$53,100	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	40%			2024	$984,200	1	$30,800	
Fan Coil Unit/Heat	20%			2026	$780,100	1	$15,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2024	$107,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$210,500	
Exhaust Fans								
Interior	80%			2021	$230,300	2	$5,800	
Roof	20%			2021	$41,400	2	$1,500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$778,000	1		
Water Heater								
Gas Fired	10%			2026	$6,100	2	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
No Component	90%							
HW Heat Exchanger								
Low Temp	100%			2056	* *	4	$23,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JOHN JAY CAMPUS HIGH SCHOOLS- BK
Asset # : 1229

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2036	* *	4	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%			2039	* *	4		
Sewage Ejector(s)								
Electric	100%			2026	$12,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$13,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **JONAS BRONCK ACADEMY**				
Address	: **400 EAST FORDHAM ROAD**				
Borough	: **BRONX**			**Agency's Number**	: **LEASE-X283**
Program / Asset #	: **BOE1100.000 / 14451**			**Yr Built/Renovated**	:
Area Sq Ft	: **40,123**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,4,5**				
Block	: **3033**	**Lot**	: **7501**	**BIN**	: **2116415**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$36,800
Total		**$36,800**
Importance Code B		$36,800
Total		**$36,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture			$5,600	$28,500
Electrical	$2,000	$3,400	$2,000	$2,000
Mechanical	$8,600	$5,800	$9,800	$5,800
Total	**$10,600**	**$9,200**	**$17,500**	**$36,400**
Importance Code A		$100		
Importance Code B	$10,600	$9,100	$17,500	$36,400
Importance Code C				
Total	**$10,600**	**$9,200**	**$17,500**	**$36,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JONAS BRONCK ACADEMY

Asset # : 14451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,600	
Ceramic Tile	10%			2036	* *	5	$6,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Lobby, Fourth And Fifth Floors								
Sheet Vinyl/Rubber	10%			2031	* *	5	$9,000	
Vinyl Tile	75%			2031	* *	3	$16,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Fourth And Fifth Floors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Fourth And Fifth Floors								
Explanation : The School Occupies Leased Space								
Interior Walls								
Ceramic Tile	20%			2036	* *	5	$14,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,900	
Gypsum Board	70%			LIFE	* *	5	$30,000	
Ceilings								
AcousTileSusp.Lay-In	95%			2040	* *	5	$57,100	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$200	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Some Of Controllers Are Connected To Vfd								
Ground								
Grounding Devices								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JONAS BRONCK ACADEMY

Asset # : 14451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2033	* *	10	$35,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2033	* *	10	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Some In Hallway								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Service	20%			2033	* *	1		
Emergency, Battery	30%			2033	* *	10	$2,900	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$4,500	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2033	* *	1-3	$17,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	100%	Now	$4,300	2031	* *	1	$22,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 4th & 5th Floors								
Explanation : B M S System Is Not Working Properly								
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$24,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 4th & 5th Floors								
Explanation : B M S System Is Not Working Properly								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,400	
Exhaust Fans								
Interior	100%			2031	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JONAS BRONCK ACADEMY

Asset # : 14451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$9,300	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-6								
Explanation : 2 Units - Service Provided By Building Owner								
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Generic	100%			2049	* *	1-2	$11,200	
Fire Pump								
Not Accessible	100%							

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **JULIA RICHMAN EDU. COMPLEX - M**
Address : **317 E. 67 STREET @SECOND AVENUE**
Borough : **MANHATTAN**
Agency's Number : **M480**
Program / Asset # : **BOE0130.000 / 1623**
Yr Built/Renovated : **1924 / 2005**
Area Sq Ft : **301,350**
Project Type : **EDUCATION**
Date of Survey : **28-Aug-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1442** **Lot** : **1** **BIN** : **1083343**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$381,200	$693,100
Interior Architecture	$534,900	$1,997,900
Electrical	$642,800	$3,489,800
Mechanical	$1,127,000	$3,449,200
Total	**$2,685,900**	**$9,630,000**
Importance Code A	$381,200	$693,100
Importance Code B	$1,984,100	$8,815,200
Importance Code C	$320,600	$121,600
Total	**$2,685,900**	**$9,630,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$21,900	
Interior Architecture	$25,400	$30,400	$45,700	$12,700
Electrical	$11,000	$12,500	$9,900	$8,400
Mechanical	$65,100	$27,500	$29,400	$21,500
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$119,200**	**$88,100**	**$124,700**	**$60,400**
Importance Code A	$8,100		$22,600	
Importance Code B	$98,500	$88,100	$102,100	$60,400
Importance Code C	$12,700			
Total	**$119,200**	**$88,100**	**$124,700**	**$60,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JULIA RICHMAN EDU. COMPLEX - M

Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$103,900	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$162,400	
Masonry: Brick	90%			LIFE	* *	5	$374,100	
Windows								
Aluminum	100%			2040	* *	5	$105,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	15%			2029	* *	10	$21,900	
Metal Panel	15%			2037	* *	10	$40,200	
Modified Bitumen	20%	0-2	$170,300	2034	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Around Auditorium								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Around Auditorium								
Paver: Asphalt	45%	Now	$117,900	2027	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : At West Wing Adjacent To Auditorium								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : At West And East Wings								
Skylight, Metal/Glass	5%			2044	* *	10	$24,400	
Interior								
Floors								
Carpet	5%			2023	$259,000	3	$40,600	
Cast in Place Concrete	25%			LIFE	* *	5	$221,900	
Ceramic Tile	5%			2033	* *	5	$20,300	
Panel/Paver: Cer/Brk	10%			2032	* *	5	$91,300	
Vinyl Tile	5%			2029	* *	3	$10,100	
Vinyl Tile	40%			2024	$1,380,300	3	$60,900	
Wood	10%			2052	* *	5	$76,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$320,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : At Pool								
Ceramic Tile	5%			2027	* *	5	$25,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$121,600	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JULIA RICHMAN EDU. COMPLEX - M

Asset # : 1623

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$40,600	
AcousTileConcealSpLn	10%			2029	* *	5	$50,700	
Exposed Concrete	5%	Now	$130,600	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Under Pool								
Plaster	5%			LIFE	* *	5	$12,700	
Plaster	70%			LIFE	* *	5	$177,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 2000 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$1,300	
Raceway								
Conduit	90%			2024	$520,200	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$47,800	5	$700	
Fused Disc Sw	10%			2032	* *	5	$700	
Molded Case Bkrs	30%			2032	* *	5	$2,400	
Molded Case Bkrs	50%			2023	$239,200	5	$4,000	
Wiring								
Braided Cloth	35%	2-4	$272,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	65%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2037	* *	5	$1,000	
Locally Mounted	50%			2022	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
JULIA RICHMAN EDU. COMPLEX - M
Asset # : 1623

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$236,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2019	$43,300	10	$200	
Incandescent	3%			2019	$90,400	2	$200	
Egress Lighting								
Emergency, Battery	50%			2024	$182,900	10	$32,700	
Exit, Service	50%			2024	$36,600	1		
Exterior Lighting								
HID	100%			2024	$1,138,100	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$273,500	1	$33,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm And C C T V Camera								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$936,400	1-3	$55,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2034	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2027	* *	5	$16,100	
Distribution								
Steam Piping/Pump	85%			2024	$1,609,300	4	$11,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Piping Steam And Condensate Piping Is Beyond Useful Life								
Steam Piping/Pump	15%			2044	* *	4	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JULIA RICHMAN EDU. COMPLEX - M

Asset # : 1623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	5%	Now	$73,100	2034	* *	1	$7,500	
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Fan Rooms, The House, Cafeteria And Toilet Exhaust Fans Motor Have Incompatible Voltage Motors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Rooms, Equipment Beyond Useful Life Cycle								
Air Handler	15%			2019	$219,300	1	$25,200	
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Fan Rooms, Equipment Is Beyond Useful Life Cycle								
Convector/Radiator	10%	Now	$256,100	2044	* *	1	$7,900	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Throughout, Traps, Thermostats, Equipment Is Beyond Useful Life Cycle								
Convector/Radiator	70%			2022	$1,792,900	1	$61,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Equipment Is Beyond Useful Life Cycle								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$27,900	2019	$278,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout, Multiple Mechanical And Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$105,800	
No Component	30%							
Exhaust Fans								
Interior	100%			2019	$299,700	2	$8,300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$16,200	2034	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1of 3 Defective Pump Motors								
HW Heat Exchanger								
Low Temp	100%			2054	* *	4	$40,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

JULIA RICHMAN EDU. COMPLEX - M

Asset # : 1623

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2029	* *	4		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2029	* *	1	$16,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-5, (1) B-6								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2034	* *	1-2	$15,200	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **LA GUARDIA H.S. PERFORM. ARTS -M**		
Address	: **100 AMSTERDAM AVE @ W.65 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M485**
Program / Asset #	: **BOE0131.000 / 1624**	**Yr Built/Renovated**	: **1984 / 2013**
Area Sq Ft	: **485,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,10**		
Block	: **1156** **Lot** : **30**	**BIN**	: **1030341**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$963,300	$1,705,300
Interior Architecture	$2,322,700	$769,000
Electrical	$4,348,300	$6,819,000
Mechanical	$2,776,800	$11,744,400
Total	**$10,411,100**	**$21,037,700**
Importance Code A	$963,300	$1,705,300
Importance Code B	$8,603,600	$19,072,900
Importance Code C	$844,200	$259,500
Total	**$10,411,100**	**$21,037,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$40,300	$21,700		$31,600
Interior Architecture	$499,100	$17,600	$22,200	$75,300
Electrical	$33,700	$75,100	$33,700	$42,000
Mechanical	$161,900	$151,500	$275,600	$126,200
Elevators/Escalators	$73,500	$73,500	$73,500	$73,500
Total	**$808,500**	**$339,500**	**$405,000**	**$348,600**
Importance Code A	$40,300	$37,300		$32,600
Importance Code B	$768,200	$302,200	$382,800	$316,000
Importance Code C			$22,200	
Total	**$808,500**	**$339,500**	**$405,000**	**$348,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$131,900	LIFE	* *	5	$233,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cooling Tower Column And North And South Facades								
Masonry: Brick	5%			LIFE	* *	5	$23,400	
Metal Panel	5%			2045	* *	5-10	$160,700	
Pre-Cast Concrete	75%	0-2	$579,600	LIFE	* *	5	$1,139,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Window Wall	5%			2045	* *	5	$87,700	
Windows								
Aluminum	7%	0-2	$164,200	2050	* *	5	$2,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout East Side								
Aluminum	90%			2050	* *	5	$50,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	1%			2040	* *	10	$3,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%	0-2	$33,400	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Masonry: Brick	5%			LIFE	* *	5	$500	
Metal Panel	15%			2045	* *	5	$5,800	
Metal Rail	20%			2038	* *	5-10	$35,800	
Pre-Cast Concrete	55%			LIFE	* *	5	$34,300	
Roof								
Built-Up (BUR)	85%			2035	* *	10	$171,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$6,900	LIFE	* *			
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	5%			2035	* *	10	$10,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	0-2	$499,100	2027	* *	3	$58,700	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$162,700	LIFE	* *	5	$171,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$37,900	2034	* *	5	$19,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	3%			2038	* *	5	$35,200	
Terrazzo	5%			LIFE	* *	5	$30,500	
Vinyl Tile	57%	0-2	$189,500	2030	* *	3	$167,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	15%			2053	* *	5	$219,900	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$44,400	
Concrete Masonry Unit	35%	0-2	$138,000	LIFE	* *	5	$124,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Folding Partition	5%	2-4	$706,300	2041	* *	5	$55,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Gypsum Board	15%			LIFE	* *	5	$79,900	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	Now	$887,100	2045	* *	5	$68,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : First And Eighth Floors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : First And Eighth Floors								
AcousTileConcealSpLn	20%			2038	* *	5	$182,800	
Exposed Concrete	60%			LIFE	* *	5	$68,500	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 5 Service Protectors Rated @ 2- 3000 Amps,1- 2500 Amps,1- 2000 Amps And 1- 1600 Amps								
Transformers								
Dry Type	100%			2030	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- 750 Kva, 2- 1000 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$2,100	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	20%			2033	* *	5	$2,200	
Molded Case Bkrs	80%			2033	* *	5	$10,200	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	30%			2023	$103,600	5	$1,000	
Motor Control Center	70%	0-2	$758,400	2038	* *	5	$4,600	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : 9th Floor								
Explanation : 40% Not Working								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$149,200	
Generators								
Diesel	100%			2021	$121,400	1	$187,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 175 Kw, Mecon G E Genset								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$18,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2033	* *	5	$48,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 9th Floor								
Explanation : 90 Gallons								
Main Tank	50%			2040	* *	5	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$5,803,800	10	$479,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout the building								
Explanation : Lamps T-8, Cfl								
Egress Lighting								
Exit, Service	50%			2025	$70,500	1		
Exit, Battery	50%			2025	$240,400	10	$17,600	
Exterior Lighting								
HID	100%			2020	$1,831,700	10	$1,500	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$1,758,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2028	* *	5	$31,000	
Distribution								
Hot Wtr Piping/Pump	60%	Now	$78,700	2033	* *	4	$15,500	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Steam Piping/Pump	40%	Now	$73,000	2025	$1,459,300	4	$10,300	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%	Now	$56,300	2025	$1,126,900	1	$116,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Heating Coils								
Fan Coil Unit/Heat	60%	0-2	$469,400	2025	$4,694,100	1	$91,100	
Damaged, Extent : Light, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%	Now	$380,300	2028	* *	1	$458,000	
R-134a Refrigerant, Extent : Light, Area Affected : 90%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : 9th Floor								
Explanation : Pneumatic Control Valve Is Not Functioning								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	100%	0-2	$114,900	2035	* *	4	$25,800	
Broken, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$186,100	2025	$3,721,200	1	$290,800	
Broken, Extent : Light, Area Affected : 5%								
Location : Throughout								
Heat Rejection								
Water Cool Tower	100%			2019	$1,349,800	2	$525,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$291,300	
Exhaust Fans								
Interior	80%			2025	$462,000	2	$12,800	
Roof	20%	0-2	$16,600	2025	$83,100	2	$2,600	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2035	* *	1		
Galv Iron/Steel	80%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$16,200	2035	* *	4	$51,700	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LA GUARDIA H.S. PERFORM. ARTS -M
Asset # : 1624

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-10								
Explanation : 2 Units								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : 1-6 (2 Floors Do Not Have Escalators)								
Explanation : 16 Units								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$263,400	
Sprinkler								
No Component	95%							
Generic	5%			2045	* *	1-2	$7,300	
Fire Pump								
Generic	100%			2034	* *	1	$97,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**LAFAYETTE HIGH SCHOOL - BK**			
Address	:	**2630 BENSON AVE. @ BAY 43 ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K400**
Program / Asset #	:	**BOE0621.000 / 1232**	**Yr Built/Renovated**	:	**1939 / 2008**
Area Sq Ft	:	**275,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-Sep-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4,p**			
Block	:	**6883** **Lot** : **1**	**BIN**	:	**3186454**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$133,700	$107,600
Interior Architecture	$730,900	$529,900
Electrical	$1,910,000	$2,168,000
Mechanical		$847,700
Total	**$2,774,600**	**$3,653,100**
Importance Code A	$133,700	$191,600
Importance Code B	$2,561,400	$3,375,300
Importance Code C	$79,500	$86,300
Total	**$2,774,600**	**$3,653,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,800			$30,900
Interior Architecture	$44,400			$15,200
Electrical	$51,900	$16,900	$48,700	$17,800
Mechanical	$57,100	$46,000	$59,200	$54,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$174,100**	**$66,900**	**$111,900**	**$122,200**
Importance Code A	$43,700	$26,800	$27,400	$57,700
Importance Code B	$113,500	$40,100	$84,400	$64,500
Importance Code C	$17,000			
Total	**$174,100**	**$66,900**	**$111,900**	**$122,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LAFAYETTE HIGH SCHOOL - BK

Asset # : 1232

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$107,600	
Masonry: Granite	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	25%			LIFE	* *	5	$28,800	
Windows								
Aluminum	95%			2040	* *	5	$61,800	
Glass Block	5%			LIFE	* *	5	$2,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,800	
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$133,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	15%	0-2	$16,800	2052	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	5%			2032	* *	10	$8,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$44,300	
Ceramic Tile	5%	0-2	$78,600	2027	* *	5	$10,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	20%			2029	* *	3	$40,500	
Vinyl Tile	10%	Now	$17,200	2019	$344,700	3	$15,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Throughout 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	60%			2039	* *	5	$456,100	
Interior Walls								
Ceramic Tile	3%	0-2	$17,000	2027	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$86,300	
SGFT/Glazed Masonry	25%	2-4	$79,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria Wall								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$10,700	
Plaster	80%			LIFE	* *	5	$171,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$488,700	5	$1,200	
Raceway								
Conduit	90%			2024	$520,200	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$23,900	2049	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Only								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	85%			2023	$406,600	5	$6,200	
Molded Case Bkrs	10%			2040	* *	5	$700	
Wiring								
Braided Cloth	70%	0-2	$545,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2024	$155,900	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$230,200	5	$1,900	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$4,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	64%			2029	* *	10	$159,000	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	* *	10	$49,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Some Classrooms, Basement And Lab Room								
Fluorescent	10%			2032	* *	10	$24,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Hallways								
HID	3%			2019	$64,900	10	$300	
Incandescent	3%			2019	$90,300	2	$200	
Egress Lighting								
Emergency, Battery	50%			2019	$182,700	10	$32,700	
Exit, Service	50%			2019	$36,500	1		
Exterior Lighting								
HID	20%			2024	$207,700	10	$200	
HID	80%			2019	$830,900	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$30,800	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2032	* *	1-3	$122,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$268,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$20,000	
Terminal Devices								
Air Handler	20%			2029	* *	1	$33,500	
Convector/Radiator	80%			2041	* *	1	$70,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK
Asset # : 1232

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2022	$334,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$151,000	
Exhaust Fans								
Interior	100%			2024	$299,400	2	$8,300	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$63,000	2	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
HW Heat Exchanger								
Low Temp	100%			2024	$84,000	4	$26,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$18,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$3,800	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE**
Address : **2630 BENSON AVENUE @ BAY 43 ST.**
Borough : **BROOKLYN**
Agency's Number : **K400**
Program / Asset # : **BOE0621.010 / 13431**
Yr Built/Renovated : **1939 / 2004**
Area Sq Ft : **5,000**
Project Type : **EDUCATION**
Date of Survey : **11-Sep-2012**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **6883** **Lot** : **1**
BIN : **3186454**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$193,800
Interior Architecture		$46,900
Electrical		$199,100
Mechanical		$268,300
Total		**$708,100**
Importance Code A		$193,800
Importance Code B		$514,300
Total		**$708,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$9,500		
Electrical	$100	$100		$100
Mechanical	$3,000	$1,600	$17,300	$1,600
Total	**$3,100**	**$11,200**	**$17,300**	**$1,700**
Importance Code A	$2,200	$900	$900	$900
Importance Code B	$900	$3,500	$16,500	$800
Importance Code C		$6,800		
Total	**$3,100**	**$11,200**	**$17,300**	**$1,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$13,400	
Windows								
Metal Louvers	100%			2033	* *	10	$41,200	
Roof								
Built-Up (BUR)	100%			2024	$152,600	10	$33,300	
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	* *	5	$46,900	
Ceramic Tile	20%			2033	* *	5	$5,400	
Interior Walls								
Ceramic Tile	20%			2033	* *	5	$13,600	
Concrete Masonry Unit	80%			LIFE	* *	5	$21,800	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$4,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	30%			2032	* *	5		
Molded Case Bkrs	70%			2032	* *	5	$100	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Incandescent	100%			2024	$199,100	2	$400	
Exterior Lighting								
HID	100%			2024	$18,900	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LAFAYETTE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 13431

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Furnace	100%	Now	$2,200	2029	* *	1	$8,000	
Unit Inoperable, Extent : Moderate, Area Affected : 35%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 3 Units								
Terminal Devices								
Fan Coil Unit/Heat	100%			2024	$268,300	1	$5,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,000	
Exhaust Fans								
Roof	100%			2019	$14,200	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2050	* *	1		
Galv Iron/Steel	90%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$4,200	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 4 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2032	* *	1	$1,100	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **LEON M. GOLDSTEIN H.S. - BK**		
Address	: **1830 SHORE BLVD. @ KINGSBOROUGH CAMPUS**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K535**
Program / Asset #	: **BOE1024.000 / 13466**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **142,352**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **8760** **Lot** : **60**	**BIN**	: **3326938**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$184,300	$143,100
Interior Architecture	$157,100	$110,500
Electrical		$127,900
Mechanical	$35,300	$35,300
Total	**$376,700**	**$416,800**
Importance Code A	$184,300	$143,100
Importance Code B	$192,400	$273,800
Total	**$376,700**	**$416,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$91,300			
Interior Architecture	$132,000		$39,200	$9,200
Electrical	$37,900	$11,500	$16,500	$11,500
Mechanical	$47,200	$49,400	$50,200	$38,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$316,300**	**$68,800**	**$113,800**	**$66,500**
Importance Code A	$98,300	$7,000	$7,000	$7,000
Importance Code B	$144,200	$61,700	$106,700	$55,600
Importance Code C	$73,800			$3,800
Total	**$316,300**	**$68,800**	**$113,800**	**$66,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LEON M. GOLDSTEIN H.S. - BK

Asset # : 13466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$50,000	
Masonry: Brick Cavity	85%			LIFE	* *	5	$170,000	
Window Wall	10%			2046	* *	5	$37,500	
Windows								
Aluminum	90%			2042	* *	5	$61,300	
Glass Block	5%			LIFE	* *	5	$4,300	
Metal Louvers	5%			2035	* *	10	$21,300	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$65,300	
Metal Panel	5%			2046	* *	5	$3,100	
Metal Rail	25%			2039	* *	5-10	$71,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$20,000	
Roof								
Built-Up (BUR)	52%			2031	* *	10	$58,100	
Built-Up (BUR)	46%	Now	$23,500	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Copper/Terne	2%			2054	* *	10	$5,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$46,600	
Ceramic Tile	5%			2035	* *	5	$10,700	
Quarry Tile	2%			2039	* *	5	$6,400	
Terrazzo	5%			LIFE	* *	5	$16,600	
Vinyl Tile	75%			2031	* *	3	$59,900	
Wood	8%			2054	* *	5	$32,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,700	
Concrete Masonry Unit	50%			LIFE	* *	5	$61,500	
Glass Block	5%			LIFE	* *	10	$3,100	
Gypsum Board	10%			LIFE	* *	5-10	$26,100	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$23,100	
Ceilings								
AcousTileConcealSpLn	83%			2039	* *	5	$221,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$21,300	
Gypsum Board	10%			LIFE	* *	5-10	$73,200	
Metal Panel	2%			LIFE	* *	5	$10,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000a Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 750 Kva & One 112.5 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2039	* *	5	$200	
Motor Control Center	80%			2039	* *	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$43,800	
Generators								
Diesel	100%			2035	* *	1	$55,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 350 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$31,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2042	* *	5	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 100 Gals								
Main Tank	50%			2054	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room 1st Floor								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	93%			2031	* *	10	$121,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$6,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$4,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$16,000	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : H W From Kingsborough College Central Plant								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LEON M. GOLDSTEIN H.S. - BK

Asset # : 13466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger	100%			2035	* *	1	$70,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$10,500	
Terminal Devices								
Air Handler	60%			2031	* *	1	$52,800	
Convector/Radiator	35%			2039	* *	1	$16,100	
Unit Heater-Stm/HW	5%			2031	* *	4	$700	
Air Conditioning								
Energy Source								
District C.W.	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : C W From Kingsborough College Central Plant								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$10,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$88,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$125,700	
Exhaust Fans								
Interior	40%			2031	* *	2	$1,700	
Roof	60%			2031	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Triplex Booster Pumps								
HW Heat Exchanger								
HTHW/HW	100%			2046	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechancal Room								
Explanation : Hi-temp Instantanious / No Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$8,700	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LEON M. GOLDSTEIN H.S. - BK
Asset # : 13466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$71,800	
Sprinkler								
Generic	100%			2046	* *	1-2	$39,900	
Fire Pump								
Generic	100%			2035	* *	1	$26,600	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **LIBERTY HIGH SCHOOL - M**		
Address	: **250 WEST 18 ST. @ 8TH AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M451**
Program / Asset #	: **BOE0986.000 / 4158**	**Yr Built/Renovated**	: **1903 / 1994**
Area Sq Ft	: **38,785**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **767** **Lot** : **68**	**BIN**	: **1013858**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$129,900	$70,900
Electrical		$548,200
Total	**$129,900**	**$619,100**
Importance Code B		$548,200
Importance Code C	$129,900	$70,900
Total	**$129,900**	**$619,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$110,000		$17,500	
Interior Architecture	$62,600		$36,300	$1,500
Electrical	$8,000	$3,100	$6,900	$3,100
Mechanical	$29,200	$12,700	$21,200	$12,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$219,700**	**$25,700**	**$91,800**	**$27,200**
Importance Code A	$113,800	$3,800	$21,300	$3,800
Importance Code B	$55,700	$21,900	$66,800	$23,300
Importance Code C	$50,200		$3,700	
Total	**$219,700**	**$25,700**	**$91,800**	**$27,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LIBERTY HIGH SCHOOL - M

Asset # : 4158

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$69,900	
Masonry: Brick	40%			LIFE	* *	5	$55,900	
Masonry: Brick Cavity	25%			LIFE	* *	5	$34,900	
Metal Panel	5%			2046	* *	5-10	$24,000	
Stucco Cement	20%			2039	* *	5	$34,900	
Windows								
Aluminum	100%			2042	* *	5	$9,900	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$27,100	
Pre-Cast Concrete	10%	Now	$1,600	LIFE	* *	5	$2,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Roof								
Built-Up (BUR)	100%			2031	* *	10	$18,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Over 5th Floor								
Interior								
Floors								
Carpet	5%			2025	$37,100	3	$4,400	
Ceramic Tile	5%			2035	* *	5	$2,900	
Quarry Tile	5%			2039	* *	5	$4,400	
Vinyl Tile	85%			2031	* *	3	$18,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$18,500	
Ceramic Tile	5%			2039	* *	5	$7,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,900	
Gypsum Board	80%			LIFE	* *	5-10	$200,800	
Masonry: Brick	5%	Now	$28,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Electrical Closet And Pump Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Electrical Closet And Pump Room								
Ceilings								
AcousTileSusp.Lay-In	80%			2039	* *	5	$45,500	
Plaster	20%			LIFE	* *	5-10	$19,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LIBERTY HIGH SCHOOL - M

Asset # : 4158

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$200	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$100	
Molded Case Bkrs	90%			2034	* *	5	$900	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$11,900	
Generators								
Diesel	100%			2029	* *	1	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 150 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$8,600	
Fuel Storage								
Day Tank	50%			2034	* *	5	$3,600	
Main Tank	50%			2041	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	94%			2031	* *	10	$33,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2031	* *	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Stairway								
HID	2%			2026	$6,200	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LIBERTY HIGH SCHOOL - M

Asset # : 4158

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2026	$4,200	1		
Exterior Lighting								
HID	100%			2026	$146,500	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$4,400	
Fire/Smoke Detection								
Generic, Analog	100%			2026	$401,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 15,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$38,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$1,900	
Terminal Devices								
Air Handler	60%			2031	* *	1	$14,400	
Convector/Radiator	40%			2043	* *	1	$5,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$18,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers In Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$2,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$24,000	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$27,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

LIBERTY HIGH SCHOOL - M

Asset # : 4158

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,200	
Exhaust Fans								
Interior	60%			2031	* *	2	$700	
Roof	40%			2031	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement / Triplex Pumps								
Water Heater								
Gas Fired	100%			2024	$9,000	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 250 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$2,400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 5								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$10,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **LONG ISLAND CITY HIGH SCHOOL - Q**				
Address	: **14-30 BROADWAY**				
Borough	: **QUEENS**		**Agency's Number**	: **Q450**	
Program / Asset #	: **BOE0990.000 / 4473**		**Yr Built/Renovated**	: **1995 / 2009**	
Area Sq Ft	: **300,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Nov-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,6,ph**				
Block	: **529**	**Lot** : **2**	**BIN**	: **4467709**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,254,300	$412,600
Interior Architecture	$1,275,400	$680,200
Electrical		$275,200
Mechanical	$117,400	$2,244,000
Total	**$2,647,000**	**$3,612,000**
Importance Code A	$1,254,300	$412,600
Importance Code B	$692,700	$2,874,300
Importance Code C	$700,100	$325,000
Total	**$2,647,000**	**$3,612,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,800			
Interior Architecture	$15,600		$88,800	$46,700
Electrical	$50,900	$23,100	$34,300	$24,600
Mechanical	$163,700	$142,900	$209,900	$123,700
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$291,800**	**$183,800**	**$350,800**	**$212,800**
Importance Code A	$73,500	$29,700	$29,700	$29,700
Importance Code B	$202,600	$154,000	$321,100	$151,800
Importance Code C	$15,600			$31,300
Total	**$291,800**	**$183,800**	**$350,800**	**$212,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	40%	Now	$594,900	LIFE	* *	5	$158,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Facade And Mechanical Penthouse								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade And Mechanical Penthouse								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 35%								
Location : North Facade								
Masonry: Brick Cavity	55%			LIFE	* *	5	$436,300	
Granite Panels	3%			LIFE	* *	5	$17,900	
Window Wall	2%			2046	* *	5	$29,700	
Windows								
Aluminum	93%			2042	* *	5	$71,700	
Glass Block	5%			LIFE	* *	5	$4,800	
Metal Louvers	2%			2035	* *	10	$9,600	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5-10	$30,000	
Masonry: Brick Cavity	75%	Now	$189,600	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Pre-Cast Concrete	5%			LIFE	* *	5	$17,200	
Roof								
IRMA/Protected Membrane	100%	2-4	$215,800	2036	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paver Block Ballast, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Art Rooms 613, 619, 775 And Various Others								
Interior								
Floors								
Carpet	5%			2025	$394,200	3	$46,300	
Cast in Place Concrete	10%	Now	$64,200	LIFE	* *	5	$135,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Pool Deck								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Filter Room								
Ceramic Tile	5%			2035	* *	5	$30,900	
Quarry Tile	5%			2039	* *	5	$46,300	
Vinyl Tile	65%			2031	* *	3	$150,600	
Wood	10%			2054	* *	5	$115,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$156,300	
Ceramic Tile	5%			2035	* *	5	$62,500	
Concrete Masonry Unit	50%			LIFE	* *	5	$500,000	
Fabric on Framing	5%			2027	* *	5	$31,300	
Gypsum Board	10%			LIFE	* *	5-10	$212,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$156,300	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$99,900	2039	* *	5	$30,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rooms 613, 615								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Rooms 613, 615								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 613, 617, 619, 715								
AcousTileSusp.Lay-In	40%			2039	* *	5	$247,100	
Exposed Concrete	10%			LIFE	* *	5-10	$77,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms B53 And B55								
Exposed Struc: Steel	10%			LIFE	* *	10	$123,500	
Fiber Board	25%			2031	* *			
Metal Panel	5%			LIFE	* *	5	$77,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Electrical Services Rated @ 4000 Amps And 1200 Amps Respectively								
Transformers								
Dry Type	100%			2039	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Eletrical Room								
Explanation : 500 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$1,300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$700	
Molded Case Bkrs	90%			2042	* *	5	$7,100	
Wiring								
Thermoplastic	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	2%			2039	* *	5		
Motor Control Center	98%			2039	* *	5	$8,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$92,300	
Generators								
Diesel	100%			2035	* *	1	$116,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Caterpillar Genset, 800 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$11,100	
Fuel Storage								
Day Tank	50%			2042	* *	5	$27,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 75 Gals								
Main Tank	50%			2054	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 500 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$275,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	100%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$900	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$8,800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$22,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil # 2, 1 Tank - 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$297,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units, 2 Heat Converters To Produce Hot Water For Radiators And Fan Coil Units Throughout The Building								
Distribution								
Hot Wtr Piping/Pump	50%			2042	* *	4	$11,100	
Steam Piping/Pump	50%			2046	* *	4	$11,100	
Terminal Devices								
Air Handler	50%			2031	* *	1	$92,800	
Convector/Radiator	5%			2031	* *	1	$4,800	
Fan Coil Unit/Heat	45%			2026	$2,021,400	1	$43,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$324,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Of 650 Tons Each - Refrigerant Hcfc - 123								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$22,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$185,500	
Heat Rejection								
Water Cool Tower	100%	Now	$43,100	2027	* *	2	$241,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$264,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2031	* *	2	$8,300	
Roof	10%			2031	* *	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2046	* *	1		
Galv Iron/Steel	15%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$69,800	2	$4,400	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Penthouse								
Explanation : 3 Units, 1 Reserve Electrical Unit								
Sanitary Piping								
Cast Iron	100%	Now	$13,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Room # B53								
Storm Drain Piping								
Cast Iron	100%	0-2	$8,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Roof, One Drain Is Clogged								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2039	* *	4		
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$18,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Freight: B- Ph; Passengers: 1st : 6th Floor								
Explanation : 3 Units - Two Passenger, One Freight								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$151,300	
Sprinkler								
Generic	100%			2046	* *	1-2	$84,000	
Fire Pump								
Generic	100%			2035	* *	1	$56,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LONG ISLAND CITY HIGH SCHOOL - Q
Asset # : 4473

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 2 Sets							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **LOUIS D. BRANDEIS HIGH SCHOOL -M**
Address : **145 W. 84 ST BTWN: AMSTERDAM AV - COLUMBUS AV**
Borough : **MANHATTAN**
Agency's Number : **M470**
Program / Asset # : **BOE0128.000 / 699**
Yr Built/Renovated : **1965 / 2005**
Area Sq Ft : **259,000**
Project Type : **EDUCATION**
Date of Survey : **15-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1215** **Lot** : **1** **BIN** : **1032128**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$121,300	$2,261,900
Interior Architecture	$1,566,400	$2,008,900
Electrical	$767,600	$3,832,300
Mechanical	$324,100	$6,263,700
Total	**$2,779,400**	**$14,366,800**
Importance Code A	$121,300	$3,704,300
Importance Code B	$2,390,300	$10,584,400
Importance Code C	$267,800	$78,200
Total	**$2,779,400**	**$14,366,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$21,100		$13,100
Interior Architecture	$18,300	$55,700		$33,900
Electrical	$11,800	$42,300	$7,600	$8,800
Mechanical	$90,000	$39,700	$94,300	$39,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$124,000**	**$162,800**	**$105,800**	**$99,500**
Importance Code A	$27,600	$49,200	$27,600	$40,800
Importance Code B	$96,400	$113,600	$78,200	$58,800
Importance Code C				
Total	**$124,000**	**$162,800**	**$105,800**	**$99,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$265,600	
Masonry: Brick	70%			LIFE	* *	5	$148,800	
Metal Panel	5%			2043	* *	5-10	$73,100	
Windows								
Aluminum	100%			2045	* *	5	$26,300	
Parapets								
Metal Panel	5%			2043	* *	5	$2,300	
Metal Rail	95%			2040	* *	5-10	$199,800	
Roof								
Built-Up (BUR)	55%			2023	$595,900	10	$130,100	
Copper/Terne	5%			2051	* *	10	$29,600	
Paver: Asphalt	40%			2026	$848,000	10	$141,900	
Interior								
Floors								
Ceramic Tile	5%			2026	$404,700	5	$20,900	
Quarry Tile	10%			2028	* *	5	$62,600	
Terrazzo	10%	0-2	$194,200	LIFE	* *	5	$32,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2023	$1,242,800	3	$73,100	
Vinyl Tile	30%	Now	$1,065,300	2033	* *	3	$47,000	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement And Fourth Floor								
Explanation : 9 X 9 Tiles								
Wood	10%			2038	* *	5	$78,300	
Interior Walls								
Concrete Masonry Unit	18%			LIFE	* *	5	$34,100	
Folding Partition	5%			2031	* *	5	$59,200	
Mosaic Tile	22%	2-4	$267,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Plaster	55%			LIFE	* *	5	$78,200	
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$48,800	
AcousTileSusp.Lay-In	10%			2036	* *	5	$39,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$122,000	
Plaster	50%			LIFE	* *	5	$122,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	25%			2043	* *	5	$300	
Fused Disc Sw	70%			2023	$342,100	5	$800	
Under Construction	5%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Photovoltaic Panels For Class Demonstration Only								
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	90%			2022	$430,500	5	$6,100	
Molded Case Bkrs	10%			2039	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$545,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2023	$155,900	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2036	* *	5	$1,400	
Locally Mounted	20%			2021	$46,000	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible; Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$230,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Cfl (Compact Fluorescent Lamps)								
HID	3%			2018	$66,800	10	$300	
Incandescent	5%			2018	$155,000	2	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$33,700	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$978,200	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$235,100	1	$29,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System And Intrusion Alarm System.								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$804,800	1-3	$49,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$687,200	5	$86,400	
Conversion Equipment								
Steam Boiler	100%			2021	$1,358,300	1	$276,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$194,800	2023	$1,948,200	4	$13,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Boiler Room & Throughout								
Terminal Devices								
Air Handler	20%			2028	* *	1	$34,500	
Convector/Radiator	80%			2028	* *	1	$72,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
LOUIS D. BRANDEIS HIGH SCHOOL -M
Asset # : 699

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	75%			2023	$965,900	2	$12,800	
R-22 Refrigerant, Extent : Light, Area Affected : 75%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Window/Wall Unit	15%			2018	$86,000	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	75%			2033	* *	4	$15,500	
No Component	25%							
Heat Rejection								
Remote Air Cond	75%			2023	$1,125,100	2	$145,700	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$155,600	
Exhaust Fans								
Interior	70%			2028	* *	2	$6,000	
Roof	30%			2023	$66,500	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$41,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$3,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **M. S. 51 - BK**				
Address	: **350 5TH AVENUE BTWN: 5 ST., 4 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K051**	
Program / Asset #	: **BOE0380.000 / 2516**		**Yr Built/Renovated**	: **1951 / 2007**	
Area Sq Ft	: **113,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Sep-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **988**	**Lot** : **11**	**BIN**	: **3021392**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,018,000	$43,400
Interior Architecture	$1,858,600	$105,800
Electrical	$268,600	$1,625,500
Mechanical	$103,400	$111,000
Total	**$3,248,500**	**$1,885,700**
Importance Code A	$1,018,000	$43,400
Importance Code B	$2,032,400	$1,806,900
Importance Code C	$198,200	$35,300
Total	**$3,248,500**	**$1,885,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,400			
Interior Architecture	$72,500	$8,800		$32,600
Electrical	$23,900	$1,100	$1,000	$17,000
Mechanical	$29,600	$22,400	$37,900	$70,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$146,400**	**$36,300**	**$42,900**	**$123,900**
Importance Code A	$28,800	$12,500	$12,500	$12,500
Importance Code B	$102,700	$23,900	$30,400	$103,900
Importance Code C	$14,800			$7,500
Total	**$146,400**	**$36,300**	**$42,900**	**$123,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$65,500	LIFE	* *	5	$43,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Windows								
Aluminum	90%	Now	$194,300	2041	* *	5	$23,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : Room B46 And Others								
Steel	10%	2-4	$269,200	2050	* *	5	$32,200	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	0-2	$58,900	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$12,600	LIFE	* *	5	$3,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Coping - Especially South Side								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%	2-4	$1,600	2038	* *	5	$8,500	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2030	* *	10	$104,600	
Copper/Terne	3%	2-4	$2,200	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	2%	2-4	$325,400	2055	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Unit								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$4,900	LIFE	* *	5	$20,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$9,100	2034	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	8%	2-4	$45,000	2030	* *	5	$18,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%	2-4	$13,500	2038	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	2-4	$43,700	LIFE	* *	5	$7,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Entry Lobby								
Vinyl Tile	57%	Now	$273,600	2020	$912,100	3	$40,200	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%	0-2	$8,000	2030	* *	3	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2053	* *	5	$17,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$14,800	2028	* *	5	$5,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	3%			LIFE	* *			
Operable Wall	2%			2035	* *	5	$15,000	
Plaster	55%	Now	$94,500	LIFE	* *	5	$35,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Boys Locker Room								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$103,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Various Areas In Corridors And Stairs								
Loose Units, Extent : Severe, Area Affected : 2%								
Location : Various Areas In Corridors And Stairs								
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$18,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileConcealSpLn	20%	Now	$304,000	2045	* *	5	$23,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 35%								
Location : Basement Corridor								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Basement Corridor								
Exposed Concrete	10%	2-4	$30,200	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$74,000	LIFE	* *	5	$70,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1600 Amps								
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$2,700	
Wiring								
Braided Cloth	90%	0-2	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$92,100	5	$600	
Locally Mounted	20%	2-4	$23,000	2045	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	89%			2025	$1,243,000	10	$102,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$11,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : T-12 Lamps								
HID	1%			2025	$10,000	10		
Egress Lighting								
Exit, Service	50%			2030	* *	1		
Exit, Battery	50%			2030	* *	10	$4,200	
Exterior Lighting								
HID	100%			2030	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$8,400	

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DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$39,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : 2 Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$124,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,200	
Terminal Devices								
Air Handler	20%			2030	* *	1	$15,600	
Convector/Radiator	80%			2030	* *	1	$32,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2030	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : One Unit. Refrigerant Type 407c								
Window/Wall Unit	40%			2020	$103,400	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2045	* *	4	$900	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2030	* *	1	$7,800	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2030	* *	2	$8,800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,100	

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DEPARTMENT OF EDUCATION - 040

M. S. 51 - BK

Asset # : 2516

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2030	* *	2	$3,700	
Roof	5%	Now	$5,000	2035	* *	2	$200	
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : All The Toilet Exhaust Fans On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2035	* *	1		
Galv Iron/Steel	10%			2023	$37,600	1		
Water Heater								
Gas Fired	100%			2020	$29,300	2	$1,800	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Sanitary Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Street Sewer Line Causing Water Back Up In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$73,400	1-2	$1,800	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **M. S. 391 - BX**
Address : **2225 WEBSTER AVENUE @ E. 182ND STREET**
Borough : **BRONX**
Agency's Number : **X137**
Program / Asset # : **BOE0274.000 / 402**
Yr Built/Renovated : **1975 / 2009**
Area Sq Ft : **190,000**
Project Type : **EDUCATION**
Date of Survey : **28-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3143** **Lot** : **43**
BIN : **2013307**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$339,400	$780,700
Interior Architecture	$551,100	$306,500
Electrical		$3,633,100
Mechanical	$377,000	$2,578,800
Total	**$1,267,600**	**$7,299,200**
Importance Code A	$437,600	$822,700
Importance Code B	$714,100	$6,169,900
Importance Code C	$115,900	$306,500
Total	**$1,267,600**	**$7,299,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,100	$22,000		
Interior Architecture	$29,300			$28,300
Electrical	$7,500	$40,300	$5,300	$6,400
Mechanical	$128,000	$117,600	$116,500	$56,200
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$178,700**	**$191,700**	**$133,700**	**$102,700**
Importance Code A	$2,100	$42,400	$20,000	$20,000
Importance Code B	$176,600	$149,300	$113,700	$82,800
Importance Code C				
Total	**$178,700**	**$191,700**	**$133,700**	**$102,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$117,500	
Concrete Masonry Unit	60%			LIFE	* *	5	$44,100	
Recent Replace Evident, Extent : Light, Area Affected : 25%								
Location : Throughout Corners								
Masonry: Brick	5%			LIFE	* *	5	$5,900	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2033	* *	5-10	$40,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$19,100	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : North Facade								
Window Wall	5%			2043	* *	5	$22,000	
Windows								
Aluminum	97%	Now	$339,400	2039	* *	5	$13,500	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Metal Louvers	3%			2032	* *	10	$5,200	
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$113,500	
Roof								
Built-Up (BUR)	90%			2023	$380,300	10	$83,000	
Built-Up (BUR)	10%	Now	$2,100	2023	$42,300			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Interior								

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DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$33,000	
Ceramic Tile	5%	0-2	$29,300	2032	* *	5	$7,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	10%			2036	* *	5	$45,300	
Vinyl Tile	75%	Now	$192,500	2028	* *	3	$84,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Cafeteria, Corridors, Rooms 501, 503								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria, Corridors								
Wood	5%	0-2	$49,800	2051	* *	5	$14,200	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%	0-2	$115,900	2032	* *	5	$21,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$16,800	
Gypsum Board	55%			LIFE	* *	5	$138,600	
Plaster	10%			LIFE	* *	5	$12,600	
Wood	10%			LIFE	* *	5	$168,000	
Ceilings								
Exposed Concrete	40%			LIFE	* *	5	$18,500	
Fiber Board	50%	Now	$192,900	2028	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Cafeteria								
Loose Units, Extent : Severe, Area Affected : 50%								
Location : Corridors, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Cafeteria								
Plaster	10%			LIFE	* *	5	$18,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Electrical Services Rated At 4000 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$244,400	5	$800	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$400	
Molded Case Bkrs	45%			2031	* *	5	$2,300	
Molded Case Bkrs	45%			2022	$114,400	5	$2,300	
Wiring								
Thermoplastic	90%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2028	* *	5	$500	
Motor Control Center	60%			2028	* *	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	10%			2023	$224,000	10	$18,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-5 Lamps								
Fluorescent	88%			2023	$1,971,500	10	$162,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2018	$32,200	10	$100	
Egress Lighting								
Exit, Service	50%			2023	$27,200	1		
Exit, Battery	50%			2023	$92,800	10	$6,800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$172,500	1	$21,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$590,400	1-3	$36,200	

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DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$496,700	5	$62,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : To Be Demolished In The Near Future								
Conversion Equipment								
Steam Boiler	100%	Now	$98,200	2028	* *	1	$179,800	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Boilers To Be Demolished In The Near Future								
Distribution								
Hot Wtr Piping/Pump	50%			2031	* *	4	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Pumping Systems To Be Demolished In The Near Future								
Steam Piping/Pump	50%	Now	$70,400	2033	* *	4	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Condensate To Be Demolished In The Near Future								
Terminal Devices								
Air Handler	40%			2023	$435,000	1	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Rooms On Each Floor								
Explanation : Air Handling Unit Temperature Control System To Be Demolished In The Near Future								
Convector/Radiator	50%			2028	* *	1	$32,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Class Rooms, Office And Hallways								
Explanation : Temperature Control System To Be Demolished In The Near Future								
Fan Coil Unit/Heat	5%	0-2	$151,000	2033	* *	1	$2,900	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Throughout Hallways, Vestibule And Various Other Locations								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout Hallways, Vestibule And Various Other Locations, Multiple Mechanical And Electrical Defects								
Fan Coil Unit/Heat	5%			2023	$151,000	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2026	$326,200	1	$131,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Chillers To Be Demolished In The Near Future								
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	$29,600	2033	* *	4	$9,900	
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : Basement, At The Time Of The Survey The Chilled And Condenser Water Pumps Are Being Refurbished								
Terminal Devices								
Air Handler/Cool/Ht	60%	Now	$57,500	2023	$574,600	1	$67,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Air Handler								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Air Handler								
Explanation : Scheduled For Repair								
Fan Coil - Cool/Heat	40%			2028	* *	1	$26,100	
Heat Rejection								
Water Cool Tower	100%			2021	$347,400	2	$203,000	
Corroded, Extent : Severe, Area Affected : 60%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Cooling Tower To Be Demolished In The Near Future								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$112,500	
Exhaust Fans								
Interior	60%	Now	$6,700	2023	$133,800	2	$3,000	
Broken, Extent : Severe, Area Affected : 100%								
Location : Air Handler Louver In Basement								
Roof	40%	Now	$19,200	2023	$64,100	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$3,100	2033	* *	4	$19,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Domestic Hot Water System To Be Demolished In The Near Future								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 391 - BX

Asset # : 402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Through Sixth Floor								
Explanation : 2 Units Recently Renovated								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$101,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$5,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **M. S. 52 - BX**
Address : **681 KELLY STREET BTWN: AVE ST.JOHN - LEGGETT AVE.**
Borough : **BRONX** | **Agency's Number** : **X052**
Program / Asset # : **BOE0194.000 / 702** | **Yr Built/Renovated** : **1915 / 1998**
Area Sq Ft : **137,000** | **Project Type** : **EDUCATION**
Date of Survey : **29-Dec-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2686** **Lot** : **20** | **BIN** : **2005133**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$339,800	$71,200
Interior Architecture	$1,360,800	$1,778,000
Electrical	$842,900	$820,200
Mechanical	$412,900	$1,307,700
Total	**$2,956,300**	**$3,977,100**
Importance Code A	$376,900	$100,600
Importance Code B	$2,256,500	$3,115,600
Importance Code C	$322,900	$760,900
Total	**$2,956,300**	**$3,977,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$122,900	$31,200		
Interior Architecture	$134,400			$19,400
Electrical	$5,500	$45,200	$3,900	$3,800
Mechanical	$28,500	$45,400	$33,700	$21,800
Total	**$291,200**	**$121,800**	**$37,600**	**$45,000**
Importance Code A	$122,900	$46,500	$15,100	$15,100
Importance Code B	$139,500	$75,200	$22,500	$29,900
Importance Code C	$28,800			
Total	**$291,200**	**$121,800**	**$37,600**	**$45,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$48,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	30%	Now	$33,900	LIFE	* *	5	$22,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Ground Water								
Masonry: Limestone	5%	0-2	$22,700	LIFE	* *	5	$2,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$290,900	2039	* *	5	$34,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$12,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	30%	Now	$33,600	LIFE	* *	5	$5,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	35%			2028	* *	10	$31,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Built-Up (BUR)	8%	0-2	$32,600	2033	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Copper/Terne	2%			2051	* *	10	$4,500	
IRMA/Protected Membrane	55%			2028	* *	10	$49,000	
Insul Miss/Displaced, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Terrazzo	2%	Now	$21,200	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	40%			2023	$776,000	3	$45,600	
Vinyl Tile	28%	Now	$543,200	2033	* *	3	$24,000	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 40%								
Location : Corridor(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Corridor(s)								
Wood	30%			2038	* *	5	$128,300	
Interior Walls								
Ceramic Tile	10%	Now	$215,000	2026	$716,500	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout Restrooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout Restrooms								
Concrete Masonry Unit	10%	Now	$28,800	LIFE	* *	5	$10,400	
Vertical Cracks, Extent : Light, Area Affected : 3%								
Location : Gymnasium								
Marble Panels	3%	Now	$62,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	35%			LIFE	* *	5	$27,300	
Plaster	22%	Now	$45,800	LIFE	* *	5	$17,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	Now	$31,800	2036	* *	5	$17,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	Now	$29,800	2023	$74,400			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Panel	3%	Now	$11,400	LIFE	* *	5	$8,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Plaster	72%	Now	$430,500	LIFE	* *	5	$102,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 3%								
Location : 3rd Floor, Old Wing, Stairs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2043	* *	5	$200	
Molded Case Bkrs	60%			2023	$132,000	5	$2,200	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$500	
Molded Case Bkrs	5%			2039	* *	5	$200	
Molded Case Bkrs	80%			2022	$179,400	5	$2,900	
Wiring								
Braided Cloth	80%	0-2	$277,900	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2023	$52,100	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$400	
Locally Mounted	60%			2021	$69,100	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	97%			2033	* *	10	$135,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$36,500	10	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$102,800	10	$18,400	
Exit, Service	50%			2018	$20,600	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$425,700	1-3	$25,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$47,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	Now	$37,100	2028	* *	1	$135,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units, Need Chemical Treatment Of Boiler And Make Up Water Tank								
Distribution								
Steam Piping/Pump	100%	Now	$53,200	2033	* *	4	$7,500	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%			2028	* *	1	$18,900	
Convector/Radiator	80%			2021	$1,151,900	1	$39,400	
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	80%			2018	$250,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,000	
Exhaust Fans								
Interior	70%			2023	$118,000	2	$3,300	
Roof	30%			2018	$36,400	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M. S. 52 - BX

Asset # : 702

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2018	$35,500	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 250 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$10,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Condensate Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **M.S. 301 - BX**				
Address	: **890 CAULDWELL AVENUE @ E.161 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X120**
Program / Asset #	: **BOE0260.000 / 419**			**Yr Built/Renovated**	: **1955 / 2003**
Area Sq Ft	: **115,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2631**	**Lot**	: **48**	**BIN**	: **2004496**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$99,900
Interior Architecture	$338,100	$1,508,800
Electrical	$357,300	$1,081,900
Mechanical	$1,191,300	$793,000
Total	**$1,886,700**	**$3,483,600**
Importance Code A	$600,700	$99,900
Importance Code B	$1,286,100	$3,160,000
Importance Code C		$223,700
Total	**$1,886,700**	**$3,483,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,000	$9,600	$30,400	
Interior Architecture	$17,300	$3,500	$2,300	$17,300
Electrical	$25,800	$2,600	$2,400	$2,500
Mechanical	$48,800	$36,200	$27,500	$17,000
Total	**$104,000**	**$51,800**	**$62,600**	**$36,800**
Importance Code A	$12,000	$21,900	$42,900	$12,200
Importance Code B	$92,000	$30,000	$19,700	$24,600
Importance Code C				
Total	**$104,000**	**$51,800**	**$62,600**	**$36,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 301 - BX

Asset # : 419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$99,900	
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Windows								
Aluminum	95%			2039	* *	5	$39,600	
Metal Louvers	5%			2032	* *	10	$13,000	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$2,800	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Metal Rail	25%			2036	* *	5-10	$18,100	
Roof								
Built-Up (BUR)	93%	Now	$11,000	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Around Bulkheads								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	3%			2038	* *	10	$9,600	
Roll Roofing	2%	Now	$1,100	2019	$10,600	5	$2,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	2%			2033	* *	10	$8,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,200	
Ceramic Tile	3%			2026	$107,400	5	$5,500	
Terrazzo	5%			LIFE	* *	5	$7,200	
Vinyl Tile	10%			2028	* *	3	$6,900	
Vinyl Tile	75%			2023	$1,177,700	3	$69,300	
Wood	2%			2063	* *	5	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2026	$178,400	5	$6,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,300	
Marble Panels	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$45,300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	2-4	$338,100	2043	* *	5	$26,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Corridors								
Exposed Concrete	65%			LIFE	* *	5	$17,000	
Plaster	10%			LIFE	* *	5	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 301 - BX

Asset # : 419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$500	
Raceway								
Conduit	85%			2023	$177,400	1		
Conduit	5%			2033	* *	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$400	
Molded Case Bkrs	45%			2022	$80,700	5	$1,400	
Molded Case Bkrs	5%			2031	* *	5	$200	
Molded Case Bkrs	35%			2045	* *	5	$1,100	
Wiring								
Thermoplastic	65%			2049	* *	1		
Thermoplastic	35%			2023	$104,400	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$600	
Locally Mounted	20%	0-2	$23,000	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$109,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$83,200	10	$14,900	
Exit, Service	50%			2023	$16,600	1		
Exterior Lighting								
HID	100%			2023	$434,300	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 301 - BX

Asset # : 419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$357,300	1-3	$21,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$38,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 20,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$600,700	2043	* *	1	$110,000	
Insul. Deteriorating, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$516,900	2053	* *	4	$6,100	
Corroded, Extent : Severe, Area Affected : 15%								
Location : Steam Piping System, Basement								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Traps And Condensate Lines								
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%	Now	$6,700	2023	$133,100	1	$13,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Gymnasium Blower								
Convector/Radiator	80%	Now	$18,600	2028	* *	1	$28,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2022	$314,400	1		
Conversion Equipment								
Window/Wall Unit	90%			2021	$228,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 301 - BX

Asset # : 419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2023	$68,200	2	$1,900	
Roof	50%			2023	$49,000	2	$1,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$73,700	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%	Now	$11,500	2033	* *	4	$12,200	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Hot Water Heat Exchanger, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Sump Pump, Sub Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI**		
Address	: **120 EAST 184 STREET BTWN CRESTON AVE - MORRIS AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X115**
Program / Asset #	: **BOE0255.000 / 414**	**Yr Built/Renovated**	: **1919 / 2011**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,att**		
Block	: **3172** **Lot** : **46**	**BIN**	: **2013899**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$204,600	$173,400
Interior Architecture	$1,742,700	$440,700
Electrical	$223,800	$1,309,100
Mechanical	$30,600	$2,300,300
Total	**$2,201,700**	**$4,223,500**
Importance Code A	$204,600	$215,400
Importance Code B	$1,689,000	$3,965,800
Importance Code C	$308,200	$42,300
Total	**$2,201,700**	**$4,223,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$101,000			$15,000
Interior Architecture	$70,200	$11,600	$15,400	$19,400
Electrical	$60,500	$1,200	$1,500	$2,500
Mechanical	$76,500	$20,600	$37,700	$18,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$318,100**	**$43,300**	**$64,400**	**$65,600**
Importance Code A	$113,200	$12,200	$12,200	$27,300
Importance Code B	$196,400	$31,000	$38,500	$38,400
Importance Code C	$8,500		$13,700	
Total	**$318,100**	**$43,300**	**$64,400**	**$65,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$94,800	
Masonry: Brick	85%	Now	$77,800	LIFE	* *	5	$51,600	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : All Facades								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 408, 414, 421, 518 And 120								
Masonry: Limestone	5%			LIFE	* *	5	$4,600	
Windows								
Aluminum	95%			2042	* *	5	$53,400	
Glass Block	5%	Now	$14,000	LIFE	* *	5	$1,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Pool								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Pool Wall								
Parapets								
Cast Stone/Terra Cotta	25%	Now	$30,700	LIFE	* *	5	$30,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	60%	Now	$27,200	LIFE	* *	5	$9,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 95%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Kitchen Walls, North Facade								
Metal Panel	15%			2046	* *	5	$9,100	
Roof								
Metal Panel	60%			2039	* *	10	$79,300	
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 8%								
Location : Gutters Flanking Cafeteria Kitchen, North Side, 5th Fl								
Modified Bitumen	15%			2034	* *	10	$10,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Atop Pitched Roof								
Roll Roofing	25%			2025	$74,400	5	$30,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	3%	Now	$800	2046	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair Treads And Landing								
Explanation : Epoxy Coating								
Cast in Place Concrete	15%			LIFE	* *	5	$121,300	
Ceramic Tile	6%			2035	* *	5	$11,100	
Recent Installation, Extent : Light, Area Affected : 15%								
Location : Boys & Girls Locker Rooms								
Mosaic Tile	5%			2043	* *	5	$23,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Pool Area, Boys & Girls Locker Rooms								
Sheet Vinyl/Rubber	5%	Now	$27,400	2021	$274,300	5	$6,900	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$14,400	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Entry Foyer								
Vinyl Tile	25%	Now	$117,900	2031	* *	3	$17,300	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Auditorium And Throughout Corridors								
Recent Installation, Extent : Light, Area Affected : 8%								
Location : Library								
Uneven Substrate, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Explanation : Recent Install Failing								
Vinyl Tile 9" X 9"	35%	Now	$712,700	2036	* *	3	$24,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	1%			2029	* *	5	$3,500	
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%								
Location : Auditorium Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%			2039	* *	5	$16,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Pool And Locker Rooms								
Ceramic Tile	5%			2029	* *	5	$10,500	
Concrete Masonry Unit	2%			LIFE	* *	5	$3,400	
Glass: Single Pane	3%			LIFE	* *	5	$9,500	
Masonry: Brick	10%	Now	$82,000	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Metal: Cage/Fence	5%			LIFE	* *	10	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Stair Partitions								
Plaster	67%	Now	$226,200	LIFE	* *	5	$42,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms And Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 408, 414								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$223,900	2046	* *	5	$17,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Various								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Various								
AcousTileSusp.Lay-In	5%	Now	$74,600	2046	* *	5	$4,600	
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Exposed Concrete	20%	Now	$118,800	LIFE	* *	5	$5,800	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault, North Side, Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault, Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault, Basement								
Gypsum Board	5%			LIFE	* *	5-10	$31,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Pool And Library								
Plaster	52%	Now	$126,000	LIFE	* *	5	$60,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	3%			LIFE	* *	5-10	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Tray Ceiling								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$195,500	5	$2,900	
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2056	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$300	
Molded Case Bkrs	10%			2051	* *	5	$300	
Molded Case Bkrs	80%			2025	$143,500	5	$2,300	
Wiring								
Braided Cloth	75%	2-4	$223,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$59,700	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	20%	Now	$23,000	2046	* *	5	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Locally Mounted	65%			2024	$74,800	5	$500	
Locally Mounted	10%	2-4	$11,500	2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Locally Mounted	5%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	5%			2036	* *	10	$5,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2036	* *	10	$11,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	82%			2034	* *	10	$92,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2036	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$83,300	10	$14,900	
Exit, Service	50%			2021	$16,700	1		
Exterior Lighting								
HID	100%			2021	$419,200	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$12,400	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$122,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%			2052	* *	4	$1,200	
Steam Piping/Pump	80%			2026	$689,900	4	$7,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room								
Terminal Devices								
Air Handler	20%			2021	$133,200	1	$15,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Defective Gymnasium And Auditorium Blower Temperature Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Gymnasium And Auditorium								
Air Handler	5%			2031	* *	1	$3,800	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Attic Fan Room								
Convector/Radiator	75%			2024	$906,400	1	$29,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$2,100	2021	$41,900	1	$5,200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Basement								
Window/Wall Unit	20%			2024	$50,800	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								
Explanation : Equipment Not Operational Due To Incompatible Power Supply								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	10%	0-2	$18,100	2056	* *	4	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Component	90%							
Heat Rejection								
Water Cool Tower	10%	0-2	$10,600	2031	* *	2	$9,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Component	90%							
Dehumidifier								
No Component	90%							
Generic	10%			2030	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Newly Installed Pool Dehumidfier								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$109,000	
Exhaust Fans								
Interior	10%	Now	$13,700	2036	* *	2	$300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Attic Fan Room								
Interior	80%			2021	$109,200	2	$3,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Attic Fan Rooms								
Roof	10%			2026	$9,800	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$368,900	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S. 319 - BX (FORMER I.S.115-BX,OLD BX HS SCI

Asset # : 414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	20%			2025	$3,800	4	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : One Electic Hot Water Heater								
Gas Fired	80%			2025	$23,000	2	$1,400	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement								
Explanation : One Instantaneous Gas Fired Hot Water Heater With Two Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$3,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Drain								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Submersible	100%	Now	$700	2019	$6,700	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Near Gym								
Explanation : Ground Water Sump Pump - According To The Building Manager, There Are Cross Steam Connections To The Sump								
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Backflow Preventer								
No Component	80%							
Generic	20%			2034	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Back Flow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **M.S./H.S. 368 - BX**				
Address	: **2975 TIBBETT AVENUE @W. 230 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X368**
Program / Asset #	: **BOE1044.000 / 14257**			**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **162,477**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Feb-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3**				
Block	: **5716**	**Lot**	: **725**	**BIN**	: **2112838**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$169,700	$107,900
Interior Architecture	$121,600	$193,700
Electrical	$149,000	
Mechanical	$143,000	$78,100
Total	**$583,300**	**$379,800**
Importance Code A	$169,700	$107,900
Importance Code B	$413,600	$199,700
Importance Code C		$72,200
Total	**$583,300**	**$379,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$16,000
Interior Architecture	$37,800	$11,100		$28,300
Electrical	$20,300	$15,800	$42,100	$22,600
Mechanical	$119,100	$63,700	$120,300	$75,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$185,100**	**$98,500**	**$170,300**	**$149,900**
Importance Code A	$14,500	$14,500	$14,800	$30,500
Importance Code B	$170,600	$79,000	$155,500	$119,400
Importance Code C		$5,000		
Total	**$185,100**	**$98,500**	**$170,300**	**$149,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S./H.S. 368 - BX

Asset # : 14257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$63,800	
Glass Block	5%			LIFE	* *	5	$4,900	
Masonry: Brick	15%			LIFE	* *	5	$23,600	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$44,200	
Windows								
Aluminum	100%			2040	* *	5	$32,000	
Parapets								
Concrete Masonry Unit	100%			LIFE	* *	5	$25,200	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$169,700	
Interior								
Floors								
Carpet	2%			2023	$62,100	3	$9,700	
Cast in Place Concrete	3%			LIFE	* *	5	$16,000	
Ceramic Tile	5%			2033	* *	5	$12,200	
Quarry Tile	4%			2037	* *	5	$14,600	
Vinyl Tile	85%			2032	* *	3	$103,400	
Wood	1%			2052	* *	5	$4,600	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$10,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Gypsum Board	60%			LIFE	* *	5	$72,200	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	80%			2037	* *	5	$243,200	
Exposed Concrete	10%			LIFE	* *	5	$3,800	
Gypsum Board	10%			LIFE	* *	5	$30,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Services - 3 @ 4000 Amps & 1 @ 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$700	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	20%			2040	* *	5	$700	
Molded Case Bkrs	80%			2040	* *	5	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S./H.S. 368 - BX

Asset # : 14257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%			2037	* *	5	$300	
Motor Control Center	70%			2037	* *	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$50,000	
Generators								
Diesel	100%			2033	* *	1	$62,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kw / Caterpillar								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$36,200	
Fuel Storage								
Day Tank	25%			2040	* *	5	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Gallons								
Main Tank	75%			2052	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$149,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2029	* *	1		
Exit, Battery	50%			2029	* *	10	$5,500	
Exterior Lighting								
HID	100%			2029	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$18,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$31,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S./H.S. 368 - BX

Asset # : 14257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Heat Exchanger	20%			2033	* *	1	$16,100	
Steam Boiler	80%			2037	* *	1	$128,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Main Floor								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2040	* *	4	$1,600	
Steam Piping/Pump	80%			2044	* *	4	$6,400	
Terminal Devices								
Air Handler	80%	Now	$35,000	2029	* *	1	$72,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System								
Convector/Radiator	20%	Now	$15,300	2037	* *	1	$9,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2033	* *	1	$158,200	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Ext Pkg Unit - Heating/Cooling	10%			2029	* *	2	$1,000	
Distribution								
Chilled Wtr Pipe/Pump	90%			2044	* *	4	$7,200	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$34,500	2029	* *	1	$90,400	
Unbalanced System, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Duct								
Explanation : Vav(s) Need To Be Replaced								
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$113,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$70,100	LIFE	* *	2-5	$90,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Fire Damper Actuators Mulfunctioning								
Explanation : Duct								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

M.S./H.S. 368 - BX

Asset # : 14257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2029	* *	2	$5,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%	Now	$37,800	2024	$37,800	2	$1,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : 3 Units In Mechanical Room								
Malfunctioning, Extent : Severe, Area Affected : 1%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st: 3rd , 1st: Penthouse								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$85,000	
Sprinkler								
Generic	100%			2044	* *	1-2	$45,500	
Fire Pump								
Generic	100%			2033	* *	1	$30,300	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **MABEL D. BACON HIGH SCHOOL - M**		
Address	: **127 E. 22 ST. @LEXINGTON AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M660**
Program / Asset #	: **BOE0149.000 / 2609**	**Yr Built/Renovated**	: **1918 / 2011**
Area Sq Ft	: **81,480**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Sep-2011**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,10**		
Block	: **878** **Lot** : **16**	**BIN**	: **1018014**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$161,400	$757,200
Interior Architecture	$356,300	$229,800
Electrical	$297,300	$1,040,500
Mechanical	$317,800	$317,600
Total	**$1,132,800**	**$2,345,200**
Importance Code A	$161,400	$797,700
Importance Code B	$887,900	$1,423,600
Importance Code C	$83,500	$123,900
Total	**$1,132,800**	**$2,345,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$16,100		$1,500
Interior Architecture		$14,000	$145,700	$3,700
Electrical	$3,200	$2,700	$2,700	$2,300
Mechanical	$34,100	$25,400	$23,300	$17,100
Elevators/Escalators	$21,700	$21,700	$21,700	$21,700
Total	**$59,100**	**$79,800**	**$193,400**	**$46,200**
Importance Code A	$8,100	$24,300	$8,100	$9,500
Importance Code B	$51,000	$55,500	$185,400	$36,700
Importance Code C				
Total	**$59,100**	**$79,800**	**$193,400**	**$46,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	47%			LIFE	* *	5	$530,800	
Copper/Terne	5%			2073	* *	10	$16,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Explanation : Recent Installation								
Masonry: Brick	45%			LIFE	* *	5	$65,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Marble	3%			LIFE	* *	5	$3,300	
Windows								
Wood	100%			2039	* *	5	$322,800	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$4,200	
Masonry: Brick	20%			LIFE	* *	5	$500	
Masonry: Brick	50%			LIFE	* *	5	$1,300	
Metal Rail	5%			2040	* *	5-10	$2,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	70%			2028	* *	10	$16,100	
Copper/Terne	5%			2063	* *	10	$2,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Over Bulkhead								
Modified Bitumen	25%			2033	* *	10	$5,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over 10th Floor								
Interior								
Floors								
Carpet	10%			2019	$136,500	3	$14,700	
Cast in Place Concrete	10%			LIFE	* *	5	$21,400	
Ceramic Tile	3%			2026	$62,200	5	$2,900	
Terrazzo	7%			LIFE	* *	5	$5,400	
Vinyl Tile	35%			2028	* *	3	$12,800	
Vinyl Tile	30%	Now	$272,800	2033	* *	3	$11,000	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$9,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2026	$123,900	5	$4,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Gypsum Board	10%			LIFE	* *	5	$8,200	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	7%	Now	$83,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor Corridor Near Elevator								
Plaster	60%			LIFE	* *	5	$24,700	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$18,700	
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	70%			LIFE	* *	5	$43,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$40,400	5	$400	
Suspect Water Damage, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$149,500	5	$300	
Fused Disc Sw	20%			2033	* *	5	$100	
Raceway								
Conduit	80%			2023	$150,800	1		
Conduit	20%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$19,600	5	$200	
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	80%			2022	$156,800	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$223,300	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$66,000	5	$400	
Locally Mounted	20%			2028	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Water Main								
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$74,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	1%			2023	$9,900	2		
Egress Lighting								
Emergency, Battery	50%			2023	$60,000	10	$9,800	
Exit, Service	50%			2023	$12,000	1		
Exterior Lighting								
HID	100%			2023	$336,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$80,800	1	$9,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$15,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2018	$96,000	1	$10,100	
Convector/Radiator	80%			2028	* *	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$137,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,400	
Exhaust Fans								
Interior	50%	Now	$9,800	2018	$49,200	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 50% Of The Exhaust Fans, Basement Fan Room								
Roof	50%	Now	$1,800	2018	$35,400	2	$1,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2023	$20,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : Check Valve Needed At Drain Line Of Bfp								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-11, (1) B-10								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2023	$317,600	1-5	$42,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MABEL D. BACON HIGH SCHOOL - M
Asset # : 2609

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	$22,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MANH. COMP. NIGHT & DAY H.S. - M**
Address : **240 2ND AVE @E. 15 STREET**
Borough : **MANHATTAN**
Program / Asset # : **BOE0150.000 / 518**
Area Sq Ft : **46,000**
Date of Survey : **05-Oct-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,6**
Block : **921** **Lot** : **64**

Agency's Number : **M661**
Yr Built/Renovated : **1904 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **1020416**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,900	$41,200
Interior Architecture	$335,200	$154,900
Electrical	$63,900	$156,300
Mechanical	$51,100	$270,700
Total	**$518,100**	**$623,100**
Importance Code A	$67,900	$41,200
Importance Code B	$450,200	$581,800
Total	**$518,100**	**$623,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$34,000	$6,900	
Interior Architecture	$114,500	$7,500		$7,600
Electrical	$4,500	$7,000	$4,400	$4,300
Mechanical	$19,300	$9,100	$8,500	$2,900
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$144,300**	**$63,500**	**$25,700**	**$20,800**
Importance Code A		$34,000	$7,000	
Importance Code B	$91,800	$29,600	$18,700	$20,800
Importance Code C	$52,500			
Total	**$144,300**	**$63,500**	**$25,700**	**$20,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$41,200	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$1,400	
Masonry: Limestone	17%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	10%			2043	* *	5-10	$43,600	
Stucco Cement	5%			2028	* *	5	$7,900	
Windows								
Aluminum	85%			2039	* *	5	$13,700	
Wood	15%	Now	$67,900	2048	* *	5	$12,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : First Floor								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$1,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2043	* *	5	$500	
Metal Rail	25%			2036	* *	5-10	$11,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	80%			2028	* *	10	$17,900	
Skylight, Metal/Glass	5%			2033	* *	10	$3,700	
Slate	15%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Fifth Floor								
Explanation : Slate Panels Over Membrane Roofing								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%	4+	$4,000	2022	$79,100	3	$9,300	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$3,200	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$6,000	2026	$60,000	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Mosaic Tile	2%	Now	$3,700	2028	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	Now	$11,200	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2028	* *	5	$4,600	
Vinyl Tile	40%	Now	$63,200	2018	$210,700	3	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	18%			2023	$94,800	3	$5,600	
Wood	10%	Now	$61,300	2038	* *	5	$5,800	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$12,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	7%			LIFE	* *	5	$3,200	
Metal Panel	3%			LIFE	* *			
Marble Panels	5%	Now	$15,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$24,800	LIFE	* *	5	$18,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	7%			2028	* *	5	$5,400	
AcousTileSusp.Lay-In	8%			2028	* *	5	$5,000	
Gypsum Board	5%			LIFE	* *	5	$3,900	
Plaster	80%	Now	$32,500	LIFE	* *	5	$31,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$200	
Raceway								
Conduit	80%			2023	$55,600	1		
Conduit	20%			2049	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$20,900	5	$200	
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	60%			2022	$62,800	5	$700	
Molded Case Bkrs	15%			2045	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$63,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$14,200	
Generators								
Diesel	100%			2036	* *	1	$17,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Rating Available								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$1,700	
Fuel Storage								
Main Tank	100%			2058	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$38,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2031	* *	1		
Exit, Battery	50%			2031	* *	10	$1,400	
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$3,400	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$5,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	90%			2033	* *	1		
Natural Gas	10%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : 6th Floor								
Explanation : Serves Combined A C And Furnace Units								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	90%			2026	$23,100	5	$2,200	
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Furnaces And A C Units Combined								
Distribution								
Steam Piping/Pump	90%	Now	$11,700	2023	$234,100	4	$1,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Basement, Throughout								
No Component	10%							
Terminal Devices								
Convector/Radiator	90%			2028	* *	1	$12,000	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2028	* *	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof, A C Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units With Built In Gas Furnace Serve 6 Floors								
Window/Wall Unit	60%			2018	$51,100	1		
No Component	30%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$5,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$23,100	
Exhaust Fans								
Interior	80%			2023	$36,600	2	$1,000	
Roof	20%			2028	* *	2	$300	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANH. COMP. NIGHT & DAY H.S. - M
Asset # : 518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$2,500	2028	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Basement, Malfunctioning								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$6,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$20,900	
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$1,200	
Fire Pump								
Generic	100%			2026	$30,700	1	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MANHATTAN CTR. FOR MATH & SCI -M**
Address : **E. 116 ST. & F.D.R. DRIVE**
Borough : **MANHATTAN**
Agency's Number : **M435**
Program / Asset # : **BOE0122.000 / 1644**
Yr Built/Renovated : **1942 / 2008**
Area Sq Ft : **229,000**
Project Type : **EDUCATION**
Date of Survey : **05-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1713** **Lot** : **1**
BIN : **1053152**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$306,500
Interior Architecture	$1,595,700	$862,800
Electrical	$1,020,800	$987,900
Mechanical	$115,900	$1,335,900
Total	**$2,732,500**	**$3,493,100**
Importance Code A		$306,500
Importance Code B	$2,732,500	$2,653,100
Importance Code C		$533,500
Total	**$2,732,500**	**$3,493,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,000	$7,200		$26,300
Interior Architecture	$18,700	$30,500		$8,400
Electrical	$16,100	$8,200	$10,600	$6,600
Mechanical	$75,800	$32,000	$51,500	$32,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$142,600**	**$81,800**	**$66,000**	**$77,300**
Importance Code A	$50,400	$30,000	$22,300	$48,600
Importance Code B	$92,200	$51,800	$43,600	$28,700
Importance Code C				
Total	**$142,600**	**$81,800**	**$66,000**	**$77,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANHATTAN CTR. FOR MATH & SCI -M
Asset # : 1644

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$102,400	
Masonry: Granite	2%			LIFE	* *	5	$1,900	
Masonry: Limestone	15%			LIFE	* *	5	$14,400	
Metal Panel	3%			2033	* *	5-10	$26,400	
Windows								
Aluminum	97%			2045	* *	5	$52,600	
Metal Louvers	3%			2032	* *	10	$10,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,700	
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Roof								
Built-Up (BUR)	80%			2031	* *	10	$111,300	
Copper/Terne	15%	Now	$28,000	2051	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Corridor By Room 475								
Sloped Glazing	5%			LIFE	* *	5	$92,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$73,900	
Ceramic Tile	5%	Now	$65,400	2032	* *	5	$8,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Kitchen, Serving Area And Bathrooms								
Terrazzo	5%			LIFE	* *	5	$13,200	
Vinyl Tile	30%			2018	$861,200	3	$38,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%	0-2	$574,100	2033	* *	3	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classroom(s)								
Wood	30%			2038	* *	5	$189,900	
Interior Walls								
Ceramic Tile	5%			2026	$472,000	5	$17,100	
Glass Block	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$61,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANHATTAN CTR. FOR MATH & SCI -M
Asset # : 1644

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$35,600	
Plaster	10%	Now	$18,700	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 475								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Corridor Near Room 475								
Plaster	80%			LIFE	* *	5	$142,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Disconnect Switches Rated @ 1200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$1,000	
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$23,900	5	$300	
Molded Case Bkrs	95%			2039	* *	5	$5,700	
Wiring								
Braided Cloth	20%	2-4	$155,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2043	* *	1		
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$161,200	5	$1,100	
Locally Mounted	10%			2028	* *	5	$200	
Locally Mounted	20%			2040	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANHATTAN CTR. FOR MATH & SCI -M
Asset # : 1644

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$202,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2023	$18,000	10	$100	
Incandescent	1%			2023	$25,100	2	$100	
Egress Lighting								
Exit, Service	50%			2023	$30,400	1		
Exit, Battery	50%			2023	$103,800	10	$7,600	
Exterior Lighting								
HID	100%			2018	$864,900	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$25,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Camera And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$42,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2049	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$223,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$31,500	2033	* *	4	$11,100	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : Live Steam Returns								
Terminal Devices								
Air Handler	20%			2023	$243,200	1	$27,900	
Convector/Radiator	80%			2028	* *	1	$58,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MANHATTAN CTR. FOR MATH & SCI -M
Asset # : 1644

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$115,900	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$125,800	
Exhaust Fans								
Interior	100%			2023	$249,300	2	$6,900	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2021	$471,600	1		
Water Heater								
Gas Fired	100%			2022	$52,500	2	$3,300	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$33,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) B-1								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$263,400	1-2	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M**		
Address	: **320 E. 96 STREET BTWN: 1 AVENUE, 2 AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M645**
Program / Asset #	: **BOE0147.000 / 542**	**Yr Built/Renovated**	: **1905 / 1998**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1558** **Lot** : **34**	**BIN**	: **1050338**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$224,500	$233,900
Interior Architecture	$1,000,600	$735,400
Electrical	$194,700	$752,500
Mechanical	$270,700	$972,800
Total	**$1,690,500**	**$2,694,600**
Importance Code A	$348,000	$233,900
Importance Code B	$1,149,800	$2,418,000
Importance Code C	$192,700	$42,700
Total	**$1,690,500**	**$2,694,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$58,200		$3,900	
Interior Architecture	$13,900			$9,000
Electrical	$3,500	$700	$1,000	$800
Mechanical	$82,800	$12,400	$18,700	$11,600
Total	**$158,300**	**$13,100**	**$23,600**	**$21,400**
Importance Code A	$58,200	$8,400	$12,300	$8,400
Importance Code B	$100,100	$4,700	$11,300	$13,100
Importance Code C				
Total	**$158,300**	**$13,100**	**$23,600**	**$21,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$185,300	
Copper/Terne	2%			2061	* *	10	$5,600	
Masonry: Brick	68%			LIFE	* *	5	$161,200	
Masonry: Limestone	20%			LIFE	* *	5	$35,600	
Windows								
Aluminum	100%			2042	* *	5	$30,700	
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5-10	$70,500	
Masonry: Brick	55%			LIFE	* *	5-10	$26,700	
Metal Rail	5%			2039	* *	5-10	$6,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$60,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$8,000	
Interior								
Floors								
Asphalt Poured	20%	Now	$13,900	2031	* *	5	$6,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%	Now	$36,800	2029	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Mosaic Tile	3%	Now	$68,200	2031	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	57%	Now	$245,400	2026	$613,600	3	$27,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	15%	Now	$125,300	2041	* *	5	$17,800	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$87,300	2029	* *	5	$7,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Plaster	10%	Now	$38,100	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Plaster	75%			LIFE	* *	5-10	$100,800	
Plaster	5%	Now	$2,100	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Plaster	100%	Now	$332,300	LIFE	* *	5	$79,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bolted Pressure Contact Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	70%			2026	$120,800	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2042	* *	5	$2,000	
Wiring								
Thermoplastic	80%			2046	* *	1		
Thermoplastic	20%			2026	$51,100	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$75,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	3%			2026	$28,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$10,200	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$355,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$56,900	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : CCTV Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$194,700	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2- 6,000 Gallon Tanks For #2 Fuel Oil								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$123,500	2031	* *	1	$75,400	
Corroded, Extent : Severe, Area Affected : 40%								
Location : 3 Boilers								
Damaged, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$29,500	2036	* *	4	$4,200	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Convector/Radiator	100%	Now	$79,900	2024	$798,900	1	$24,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Thermostats Broken								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	$173,900	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	
Exhaust Fans								
Roof	100%	Now	$67,200	2036	* *	2	$2,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$25,300	2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Various								
Water Heater								
Gas Fired	100%			2021	$19,700	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MANHATTAN VOC/TECHNICAL HS - M LIFE SCIENCES SECONDARY SCH - M

Asset # : 542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughgout								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**MARTIN LUTHER KING JR H.S. - M**			
Address	:	**122 AMSTERDAM AVE @W. 66 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M490**
Program / Asset #	:	**BOE0133.000 / 1625**	**Yr Built/Renovated**	:	**1974 / 1998**
Area Sq Ft	:	**446,996**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**28-Aug-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5,p**			
Block	:	**1157** **Lot** : **25**	**BIN**	:	**1030343**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,165,800	$266,700
Interior Architecture	$1,713,100	$4,562,400
Electrical	$783,900	$6,822,000
Mechanical	$410,000	$9,025,200
Total	**$4,072,800**	**$20,676,200**
Importance Code A	$1,275,000	$392,700
Importance Code B	$2,797,800	$19,910,100
Importance Code C		$373,400
Total	**$4,072,800**	**$20,676,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,100			
Interior Architecture	$50,600			$231,900
Electrical	$51,900	$47,500	$48,700	$41,900
Mechanical	$82,500	$212,400	$174,000	$201,400
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$226,900**	**$274,700**	**$237,400**	**$489,900**
Importance Code A	$28,400		$5,900	
Importance Code B	$198,500	$274,700	$231,600	$489,900
Total	**$226,900**	**$274,700**	**$237,400**	**$489,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN LUTHER KING JR H.S. - M

Asset # : 1625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	0-2	$14,500	LIFE	* *	5	$64,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,000	
Masonry: Brick	30%			LIFE	* *	5	$38,500	
Metal/Glass Curt Wall	50%	0-2	$1,018,100	LIFE	* *	5	$120,300	1
Corrosion/Rusting, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Metal Panel	100%			2044	* *	5	$87,500	
Roof								
Built-Up (BUR)	75%	Now	$12,600	2029	* *			
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Cer/Brk	25%	0-2	$103,900	2044	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Carpet	2%			2020	$170,800	3	$26,800	
Cast in Place Concrete	15%	0-2	$104,400	LIFE	* *	5	$219,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$64,800	2027	* *	5	$16,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Stairs, Toilet(s)								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs, Toilet(s)								
Panel/Paver: Cer/Brk	5%			2040	* *	5	$75,300	
Quarry Tile	5%			2037	* *	5	$50,200	
Vinyl Tile	65%	2-4	$369,800	2024	$3,697,700	3	$163,100	
Adhesion Failure, Extent : Moderate, Area Affected : 5%								
Location : Perimeter Corridors								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, 2nd Floor								
Wood	3%			2052	* *	5	$37,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN LUTHER KING JR H.S. - M

Asset # : 1625

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	50%			LIFE	* *	5	$186,700	
Metal Panel	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	$186,700	
Ceilings								
AcousTileSusp.Lay-In	70%	Now	$1,136,500	2029	* *	5	$234,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vandalism, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	30%			LIFE	* *	5	$31,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$126,100	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Main Disconnect Switches Rated At 2500, 2000 & 1600 Amps								
Transformers								
Dry Type	100%			2022	$15,800	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 30 Kva & 75 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$733,100	5	$1,900	
Raceway								
Conduit	95%			2024	$823,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Molded Case Bkrs	95%			2023	$695,800	5	$11,200	
Molded Case Bkrs	5%			2046	* *	5	$600	
Wiring								
Thermoplastic	90%			2024	$1,052,600	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	35%			2022	$120,900	5	$1,100	
Locally Mounted	5%			2041	* *	5	$200	
Motor Control Center	60%			2022	$1,300,100	5	$7,300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN LUTHER KING JR H.S. - M

Asset # : 1625

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$137,500	
Generators								
Natural Gas	100%			2027	* *	1	$173,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Rating Available								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$99,600	
Lighting								
Interior Lighting								
Fluorescent	75%			2029	* *	10	$307,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using 90% T-8 And 10% T-12								
Fluorescent	15%			2032	* *	10	$61,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	5%			2019	$178,400	10	$700	
Incandescent	5%	0-2	$5,000	2019	$248,300	2	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Dimmer Switch Fan Cooling Is Not Functioning								
Egress Lighting								
Emergency, Service	50%			2024	$109,900	1		
Not Functioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Exit, Service	50%			2024	$60,300	1		
Exterior Lighting								
HID	100%			2024	$1,688,200	10	$1,400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$33,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2034	* *	1-3	$82,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN LUTHER KING JR H.S. - M

Asset # : 1625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	90%			2034	* *	1		
Electricity	10%			2034	* *	1		
Conversion Equipment								
HTHW/HW Exchanger	90%	0-2	$109,200	2039	* *	2	$19,700	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Pres. Reducing Valve/LP Steam	10%			2027	* *	5	$2,700	
Distribution								
Hot Wtr Piping/Pump	100%			2023	$2,245,400	4	$22,000	
Terminal Devices								
Air Handler	80%			2024	$1,928,200	1	$221,100	
Fan Coil Unit/Heat	20%	Now	$133,900	2024	$1,338,600	1	$26,000	
Broken, Extent : Moderate, Area Affected : 60%								
Location : Hallways								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%	Now	$108,400	2027	* *	1	$391,800	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Chillers								
Explanation : R-11 Refrigerant								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	100%			2034	* *	4	$33,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2024	$1,708,800	1	$276,400	
Heat Rejection								
Water Cool Tower	100%			2022	$1,154,800	2	$449,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$249,300	
Exhaust Fans								
Interior	90%			2024	$444,700	2	$12,300	
Roof	10%	Now	$1,800	2024	$35,500	2	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN LUTHER KING JR H.S. - M

Asset # : 1625

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2029	* *	1		
HW Heat Exchanger								
HTHW/HW	100%			2044	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$6,700	2019	$6,700	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2032	* *	1	$27,400	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 5th Floor								
Explanation : Pressure Is Reduced Because Of The Installation Of The Rpz - Booster Pump System Is Needed								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Units Travel From Cellar : 5th Floor. One Unit Travels From 1 : 2								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$225,400	
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$12,500	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MARTIN VAN BUREN HIGH SCHOOL - Q**
Address : **HILLSIDE AVE. & 232 ST.**
Borough : **QUEENS**
Agency's Number : **Q435**
Program / Asset # : **BOE0875.000 / 197**
Yr Built/Renovated : **1954 / 2003**
Area Sq Ft : **309,811**
Project Type : **EDUCATION**
Date of Survey : **29-Aug-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7930** **Lot** : **2**
BIN : **4166101**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$149,000	$259,300
Interior Architecture	$3,920,400	$1,065,900
Electrical	$2,717,400	$5,978,600
Mechanical	$459,700	$6,021,800
Total	**$7,246,500**	**$13,325,600**
Importance Code A	$149,000	$1,968,100
Importance Code B	$7,047,800	$11,198,500
Importance Code C	$49,600	$159,000
Total	**$7,246,500**	**$13,325,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$13,200	$14,500	
Interior Architecture	$21,900			$46,800
Electrical	$15,900	$37,300	$8,900	$10,400
Mechanical	$55,900	$85,800	$81,000	$54,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$97,600**	**$140,200**	**$108,300**	**$115,700**
Importance Code A	$33,100	$46,900	$47,500	$33,100
Importance Code B	$64,500	$93,300	$60,800	$82,700
Total	**$97,600**	**$140,200**	**$108,300**	**$115,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$215,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$3,500	
Panel/Paver: Limestone	3%			LIFE	* *	5	$5,300	
Window Wall	3%			2043	* *	5	$26,300	
Windows								
Aluminum	98%			2039	* *	5	$28,900	
Metal Louvers	2%			2032	* *	10	$3,700	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$13,900	
Metal Rail	15%			2036	* *	5-10	$47,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
Built-Up (BUR)	92%	Now	$149,000	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 362								
Copper/Terne	5%			2051	* *	10	$44,200	
Skylight, Plastic	3%			2036	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$109,300	
Ceramic Tile	5%			2032	* *	5	$25,000	
Terrazzo	5%			LIFE	* *	5	$19,500	
Vinyl Tile	60%	Now	$2,548,600	2033	* *	3	$112,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Second And Third Floor Corridors								
Loose Units, Extent : Moderate, Area Affected : 100%								
Location : Second And Third Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Second And Third Floor Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2023	$637,100	3	$37,500	
Wood	5%			2051	* *	5	$46,800	
Interior Walls								
Concrete Masonry Unit	22%			LIFE	* *	5	$49,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	3%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Operable Wall	5%			2043	* *	5	$99,200	
Plaster	35%			LIFE	* *	5	$59,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	35%	Now	$1,322,200	2043	* *	5	$102,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Basement, Second And Third Floor Corridors, Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Basement, Second And Third Floor Corridors, Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement, Second And Third Floor Corridors, Cafeteria, Corridor Near Rooms 331, 356								
Exposed Concrete	45%			LIFE	* *	5	$32,800	
Metal Panel	10%			LIFE	* *	5	$58,400	
Plaster	10%			LIFE	* *	5	$29,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches No Ratings Available								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$488,700	2053	* *	5	$700	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$700	
Fused Knife Sw	15%	2-4	$71,800	2048	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	60%	2-4	$287,000	2048	* *	5	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2022	$47,800	5	$800	
Molded Case Bkrs	5%			2039	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$662,800	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$184,200	5	$1,700	
Locally Mounted	20%			2028	* *	5	$400	
Ground								
Grounding Devices								
Generic	50%	0-2	$4,800	LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe And Painted.								
Generic	50%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$3,522,000	10	$290,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2023	$111,200	10	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircase								
Explanation : T-12 Lamps								
HID	1%			2018	$26,600	10	$100	
Incandescent	1%			2018	$37,100	2	$100	
Egress Lighting								
Exit, Service	50%			2023	$45,000	1		
Exit, Battery	50%			2023	$153,600	10	$11,300	
Exterior Lighting								
HID	100%			2018	$1,170,100	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$34,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$962,700	1-3	$59,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$822,000	5	$103,400	
Conversion Equipment								
Steam Boiler	100%			2021	$1,624,800	1	$330,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units - #1 & #2 Are Undergoing Repair								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$24,700	
Terminal Devices								
Air Handler	25%			2023	$449,900	1	$51,600	
Convector/Radiator	70%	Now	$110,300	2021	$2,206,800	1	$67,900	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Thermostats, Throughout								
Unit Heater-Stm/HW	5%			2018	$107,800	4	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$68,600	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$186,100	
Exhaust Fans								
Interior	95%			2023	$350,500	2	$9,700	
Roof	5%			2018	$13,300	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$77,600	2	$4,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q
Asset # : 197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$168,300	
Sprinkler								
No Component	90%							
Generic	10%			2023	$389,700	1-2	$9,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE**
Address : **HILLSIDE AVE. & 232 ST.**
Borough : **QUEENS**
Agency's Number : **Q435**
Program / Asset # : **BOE0875.010 / 13397**
Yr Built/Renovated : **1954 /**
Area Sq Ft : **6,000**
Project Type : **EDUCATION**
Date of Survey : **29-Aug-2011**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **7930** **Lot** : **2** **BIN** : **4166101**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$166,100	$416,800
Interior Architecture		$59,800
Electrical		$34,000
Mechanical		$94,700
Total	**$166,100**	**$605,300**
Importance Code A	$166,100	$511,500
Importance Code B		$93,800
Total	**$166,100**	**$605,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,500		
Interior Architecture	$5,900	$10,500		$200
Electrical	$9,600	$46,300	$100	$100
Mechanical	$5,200		$3,900	
Total	**$20,700**	**$59,200**	**$4,000**	**$300**
Importance Code A	$2,000	$2,500	$2,000	
Importance Code B	$14,600	$56,700	$2,000	$300
Importance Code C	$4,100			
Total	**$20,700**	**$59,200**	**$4,000**	**$300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE

Asset # : 13397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$14,400	
Metal Coiling Doors	10%			2028	* *	5	$5,000	
Windows								
Aluminum	100%	0-2	$82,800	2048	* *	5	$1,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	$83,400	2023	$416,800			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	$59,800	
Ceramic Tile	10%			2032	* *	5	$3,200	
Vinyl Tile	5%			2023	$13,700	3	$800	
Interior Walls								
Ceramic Tile	10%			2032	* *	5	$8,200	
Concrete Masonry Unit	90%			LIFE	* *	5	$29,400	
Ceilings								
AcousTileSusp.Lay-In	65%			2028	* *	5	$20,900	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$3,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 200a								
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Molded Case Bkrs	50%			2022	$11,200	5	$100	
Molded Case Bkrs	50%			2039	* *	5	$100	
Wiring								
Thermoplastic	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	75%			2021	$34,000	5		
Locally Mounted	25%			2036	* *	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Connected To Main Water Pipe And Painted								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$19,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2018	$4,800	2		
Exterior Lighting								
HID	50%			2023	$11,300	10		
Incandescent	50%			2018	$9,600	2		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2018	$12,400	1-3	$700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	60%			2043	* *	1		
Natural Gas	40%			2043	* *	1		
Conversion Equipment								
Radiant Heater	100%			2023	$94,700	2	$10,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,000	
Exhaust Fans								
Interior	40%			2023	$9,500	2	$300	
Roof	60%	Now	$3,100	2023	$10,300	2	$300	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2021	$5,000	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MARTIN VAN BUREN HIGH SCHOOL - Q FIELDHOUSE

Asset # : 13397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK**			
Address	:	**1186 CARROLL STREET @NOSTRAND AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K590**
Program / Asset #	:	**BOE1010.000 / 13403**	**Yr Built/Renovated**	:	**2000 /**
Area Sq Ft	:	**112,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**01-May-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**1289** **Lot** : **25**	**BIN**	:	**3348092**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$92,600	$216,000
Interior Architecture		$135,700
Electrical	$92,400	$469,400
Mechanical		$80,100
Total	**$185,000**	**$901,200**
Importance Code A	$92,600	$216,000
Importance Code B	$92,400	$643,800
Importance Code C		$41,400
Total	**$185,000**	**$901,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,500		$16,100	$19,100
Interior Architecture	$58,000	$8,500	$2,300	$14,100
Electrical	$13,500	$10,400	$24,900	$14,300
Mechanical	$89,200	$37,900	$71,200	$39,800
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$191,000**	**$71,600**	**$129,200**	**$102,100**
Importance Code A	$40,100	$10,000	$26,300	$29,100
Importance Code B	$151,000	$56,900	$102,900	$73,000
Importance Code C		$4,700		
Total	**$191,000**	**$71,600**	**$129,200**	**$102,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK
Asset # : 13403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$104,300	
Masonry: Limestone	10%			LIFE	* *	5	$11,200	
Metal Panel	15%			2044	* *	5-10	$153,600	
Slate Panels	5%	4+	$7,800	LIFE	* *	5	$5,600	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Main Entrance								
Windows								
Aluminum	100%			2040	* *	5	$38,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,500	
Masonry: Brick	55%			LIFE	* *	5	$3,900	
Metal Panel	25%			2044	* *	5	$6,800	
Metal Rail	10%			2037	* *	5-10	$12,700	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$50,700	
Modified Bitumen	20%			2029	* *	10	$12,700	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$7,500	
Quarry Tile	5%			2037	* *	5	$11,300	
Sheet Vinyl/Rubber	2%			2029	* *	5	$4,500	
Slate	10%			LIFE	* *	5	$16,000	
Vinyl Tile	75%			2029	* *	3	$56,600	
Wood	3%			2052	* *	5	$8,500	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$9,400	
Concrete Masonry Unit	55%			LIFE	* *	5	$41,400	
Gypsum Board	20%			LIFE	* *	5	$22,600	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2037	* *	5	$45,300	
AcousTileSusp.Lay-In	15%			2037	* *	5	$22,600	
Exposed Concrete	5%			LIFE	* *	5	$1,200	
Gypsum Board	50%			LIFE	* *	5	$94,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps And Two 2000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2037	* *	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%			2037	* *	5	$200	
Motor Control Center	70%			2037	* *	5	$2,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$34,500	
Generators								
Diesel	100%			2033	* *	1	$43,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 500 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$25,000	
Fuel Storage								
Day Tank	20%			2040	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Capacity Not Available								
Main Tank	80%			2052	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$92,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2024	$13,600	1		
Exit, Battery	50%			2024	$46,400	10	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$423,000	10	$300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$10,500	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2029	* *	1-3	$17,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$24,500	2037	* *	1	$89,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Smoke On Oil Mode - Boiler # 2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$7,500	
Terminal Devices								
Air Handler	50%	Now	$5,400	2029	* *	1	$28,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Air Handler Motor # 2 - Penthouse								
Convector/Radiator	50%	Now	$23,800	2037	* *	1	$14,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$46,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units - Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$5,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$62,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$70,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,200	
Exhaust Fans								
Roof	100%			2024	$80,100	2	$3,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$23,400	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$6,200	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Boys Bathroom - 4th Floor								
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 65%								
Location : Basement: Penthouse, And Basement: 5th Floor								
Explanation : 2 Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement: 1st Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$52,700	
Sprinkler								
Generic	100%			2044	* *	1-2	$28,200	
Fire Pump								
Generic	100%			2033	* *	1	$18,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MEDGER EVERS COLLEGE PREPARATORY SCHOOL - BK

Asset # : 13403

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Dry	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul 102*								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**METROPOLITAN AVENUE CAMPUS - Q**			
Address	:	**91-30 METROPOLITAN AVENUE**			
Borough	:	**QUEENS**	**Agency's Number**	:	**Q686**
Program / Asset #	:	**BOE1114.000 / 14570**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**323,106**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**18-Nov-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5,ph**			
Block	:	**3886** **Lot** : **800**	**BIN**	:	**4447233**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$455,700	$329,200
Interior Architecture	$1,077,100	$723,700
Electrical		$296,300
Mechanical	$80,100	$155,200
Total	**$1,613,000**	**$1,504,500**
Importance Code A	$455,700	$329,200
Importance Code B	$398,900	$722,100
Importance Code C	$758,300	$453,200
Total	**$1,613,000**	**$1,504,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$58,900	$20,800		
Interior Architecture	$65,100	$18,100	$60,500	
Electrical	$38,200	$31,400	$26,100	$26,100
Mechanical	$59,700	$47,400	$64,100	$45,700
Elevators/Escalators	$29,600	$29,600	$29,600	$29,600
Total	**$251,500**	**$147,400**	**$180,300**	**$101,400**
Importance Code A	$75,600	$36,800	$16,000	$16,000
Importance Code B	$141,100	$110,500	$164,300	$85,400
Importance Code C	$34,900			
Total	**$251,500**	**$147,400**	**$180,300**	**$101,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$466,300	
Metal Panel	7%			2052	* *	5-10	$132,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$53,500	
Window Wall	5%			2052	* *	5	$51,400	
Windows								
Aluminum	100%			2048	* *	5	$41,700	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$133,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$12,900	
Roof								
IRMA/Protected Membrane	90%	Now	$72,900	2034	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Over Corridor Near Room 5017								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Corridor Near Room 5017								
IRMA/Protected Membrane	10%			2034	* *	10	$20,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$105,800	
Ceramic Tile	5%			2039	* *	5	$24,200	
Quarry Tile	5%			2043	* *	5	$36,300	
Vinyl Tile	80%			2034	* *	3	$145,100	
Wood	5%			2061	* *	5	$45,300	
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$174,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$34,900	
Glass Block	5%			LIFE	* *	10	$17,400	
Gypsum Board	70%			LIFE	* *	5-10	$1,037,200	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$435,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridor Near Room 5017								
Exposed Struc: Steel	5%			LIFE	* *	10	$48,400	
Metal Panel	5%			LIFE	* *	5	$60,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3000 Amps, One 4000 Amps, One 2500 Amps, One 1600 Amps, And One 1200 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Kva 480 Hv-208y/120 Lv And One 750 Kva 480 Hv-208y/120 Lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$1,400	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$700	
Molded Case Bkrs	90%			2048	* *	5	$7,700	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$1,100	
Variable Frequency Drive	50%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$9,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$99,400	
Generators								
Diesel	100%			2039	* *	1	$125,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside - Generator Room								
Explanation : One 500 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$12,000	
Fuel Storage								
Main Tank	100%			2061	* *	5	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$266,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2034	* *	10	$29,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Hallway, Gymnasium & Auditorium								
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, LED	35%			2061	* *	1		
Exit, Service	5%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$1,000	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$9,500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$36,200	
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$159,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 16 Roof Top Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 16 Rtu								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
METROPOLITAN AVENUE CAMPUS - Q
Asset # : 14570

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$285,300	
Exhaust Fans								
Roof	100%			2034	* *	2	$9,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$75,200	2	$4,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$19,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : (2) C-5 (2) C-4								
Explanation : 4 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : C-1								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$90,500	
Fire Pump								
Generic	100%			2039	* *	1	$60,300	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**MID MANHT ADULT TRNG CTR - M**			
Address	:	**212 W. 120TH ST BTWN: 7TH AVE - ST. NICHOLAS AVE**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M081**
Program / Asset #	:	**BOE0048.000 / 1682**	**Yr Built/Renovated**	:	**1907 / 2011**
Area Sq Ft	:	**92,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-Feb-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**1925** **Lot** : **19**	**BIN**	:	**1058447**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$95,100	$138,900
Interior Architecture	$150,900	$400,900
Electrical	$204,400	$527,900
Mechanical	$70,400	$1,447,900
Total	**$520,800**	**$2,515,600**
Importance Code A	$95,100	$138,900
Importance Code B	$385,900	$2,376,700
Importance Code C	$39,700	
Total	**$520,800**	**$2,515,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$85,200	$15,000	$15,800	
Interior Architecture	$87,600	$3,100	$45,100	$5,100
Electrical	$1,400			$1,000
Mechanical	$36,400	$15,000	$18,300	$12,300
Total	**$210,400**	**$33,100**	**$79,100**	**$18,400**
Importance Code A	$93,400	$23,200	$24,000	$8,200
Importance Code B	$101,800	$9,900	$43,600	$10,200
Importance Code C	$15,300		$11,600	
Total	**$210,400**	**$33,100**	**$79,100**	**$18,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MID MANHT ADULT TRNG CTR - M
Asset # : 1682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$54,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	82%			LIFE	* *	5	$190,300	
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : From Grade To Head Of 4th Floor Windows - Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 30%								
Location : Head Of 4th Floor Windows To Roof								
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : North East Corner Of West Wing - Rooms 412, 414								
Masonry: Limestone	7%	4+	$17,800	LIFE	* *	5	$6,100	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : At Spandrels								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Metal: Cage/Fence	5%			2031	* *	5	$25,400	
Other Observation, Extent : Light, Area Affected : 40%								
Location : At Windows								
Explanation : Protective Gates								
Stucco Cement	3%			2039	* *	5	$8,700	
Windows								
Aluminum	100%			2048	* *	5	$30,100	
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$38,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	15%			2039	* *	5-10	$18,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Coping Stone								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
MID MANHT ADULT TRNG CTR - M
Asset # : 1682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	70%			2034	* *	10	$43,700	
Panel/Paver: Cer/Brk	10%			2036	* *	10	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : W.120 St Courtyard								
Paver: Asphalt	20%	Now	$5,600	2029	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : At Sidewalk Stair								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : W.119 St Courtyard								
Interior								
Floors								
Carpet	2%			2019	$31,600	3	$5,000	
Cast in Place Concrete	5%			LIFE	* *	5	$27,100	
Ceramic Tile	3%			2029	* *	5	$3,700	
Mosaic Tile	4%			2031	* *	5	$12,400	
Traffic Topping	15%	Now	$23,100	2026	$230,500	5	$11,600	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridors And First Floor Lobby								
Vinyl Tile	25%	Now	$26,300	2031	* *	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Corridors								
Wood	40%			2041	* *	5	$92,900	
Wood	6%			2061	* *	5	$13,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Auditorium								
Interior Walls								
Ceramic Tile	15%			2029	* *	5	$23,200	
Glass: Single Pane	2%			LIFE	* *	5	$4,600	
Masonry: Brick	5%			LIFE	* *	10	$2,300	
Marble Panels	2%			LIFE	* *	10	$1,200	
Plaster	64%	Now	$39,700	LIFE	* *	5	$29,700	
Water Penetration, Extent : Severe, Area Affected : 7%								
Location : Auditorium Wall @ W.119 St Stair, Rooms 412, 414								
Plaster	2%			LIFE	* *	5-10	$2,600	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MID MANHT ADULT TRNG CTR - M
Asset # : 1682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2043	* *	5	$6,200	
Masonry: Infill Arch	13%			LIFE	* *	10	$8,100	
Plaster	80%			LIFE	* *	5-10	$170,400	
Plaster	2%			LIFE	* *	5-10	$4,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2056	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	70%			2025	$125,600	5	$1,700	
Molded Case Bkrs	20%			2051	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$75,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MID MANHT ADULT TRNG CTR - M
Asset # : 1682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$10,000	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
LED	100%			2036	* *			
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$25,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 10,000 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$82,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2- #2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2026	$578,000	4	$6,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2034	* *	1	$5,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Convector/Radiator	90%	Now	$70,400	2024	$703,700	1	$21,700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MID MANHT ADULT TRNG CTR - M
Asset # : 1682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2034	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Rooftop Air Cooled Chiller								
Split Unit	5%			2034	* *			
Window/Wall Unit	25%			2021	$42,500	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2052	* *	4	$400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof To Basement								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,100	
Exhaust Fans								
Roof	100%			2034	* *	2	$2,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2046	* *	1		
Galv Iron/Steel	50%			2024	$123,600	1		
Water Heater								
Gas Fired	100%			2021	$19,300	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multi Purpose Room								
Explanation : Black Iron Pipe Observed								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Duplex Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MID MANHT ADULT TRNG CTR - M

Asset # : 1682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2036	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MIDWOOD HIGH SCHOOL - BK**
Address : **2839 BEDFORD AVENUE BTWN: GLENWOOD RD., CAMPUS RD.**
Borough : **BROOKLYN**
Agency's Number : **K405**
Program / Asset # : **BOE0622.000 / 1220**
Yr Built/Renovated : **1940 / 2007**
Area Sq Ft : **277,728**
Project Type : **EDUCATION**
Date of Survey : **01-Jun-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7553** **Lot** : **41** **BIN** : **3205788**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$802,500	$3,795,200
Interior Architecture	$1,339,900	$1,623,000
Electrical	$233,900	$6,121,100
Mechanical	$377,200	$2,847,200
Total	**$2,753,400**	**$14,386,600**
Importance Code A	$802,500	$3,837,300
Importance Code B	$1,358,900	$10,414,300
Importance Code C	$592,100	$135,000
Total	**$2,753,400**	**$14,386,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,800			
Interior Architecture	$78,600		$20,800	$13,000
Electrical	$36,600	$2,100	$2,700	$5,700
Mechanical	$98,700	$16,200	$48,000	$22,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$258,600**	**$28,200**	**$81,400**	**$51,400**
Importance Code A	$34,800		$8,200	
Importance Code B	$196,100	$28,200	$62,700	$51,400
Importance Code C	$27,700		$10,400	
Total	**$258,600**	**$28,200**	**$81,400**	**$51,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK

Asset # : 1220

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$423,700	
Masonry: Limestone	25%			LIFE	* *	5	$105,900	
Windows								
Aluminum	5%	Now	$4,400	2042	* *	5	$2,600	
Air Infiltration, Extent : Light, Area Affected : 5%								
Location : Room 431, Temp Window Due To Fire								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Room 431, Temp Window Due To Fire								
Wood	95%			2025	$2,803,300	5	$998,700	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	15%			LIFE	* *	5-10	$3,100	
Masonry: Limestone	85%			LIFE	* *	5-10	$31,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout Cornice								
Roof								
Asphalt Shingle	70%			2035	* *	10	$24,300	
IRMA/Protected Membrane	5%			2031	* *	10	$10,400	
Roll Roofing	22%			2025	$189,500	5	$76,500	
Skylight, Metal/Glass	3%			2046	* *	10	$20,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$181,900	
Ceramic Tile	5%			2029	* *	5	$20,800	
Quarry Tile	5%			2031	* *	5	$31,200	
Terrazzo	5%			LIFE	* *	5	$32,500	
Vinyl Tile	15%	Now	$53,000	2026	$530,200	3	$23,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Hallways And Stairwell Landings								
Vinyl Tile 9" X 9"	10%	Now	$137,400	2021	$457,900	3	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 3rd And 4th Fl Corridors And Teachers Offices								
Wood	50%			2029	* *	5	$389,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Throughout Gymnasium, Classrooms And Stage								
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Dry Rot/Decay, Extent : Moderate, Area Affected : 35%								
Location : Throughout Gymnasium, Classrooms And Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK

Asset # : 1220

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$86,600	
Ceramic Tile	3%			2029	* *	5	$20,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$27,700	
Marble Panels	2%	Now	$110,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Entrance Lobby								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Entrance Lobby								
Plaster	65%	Now	$180,600	LIFE	* *	5	$135,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	16%	Now	$214,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	4%			LIFE	* *	10	$13,900	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$34,600	2039	* *	5	$21,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout Kitchen/ Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout Kitchen/ Cafeteria								
Exposed Concrete	10%			LIFE	* *	5-10	$53,500	
Plaster	80%	Now	$224,800	LIFE	* *	5	$214,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Room 209								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK

Asset # : 1220

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Service Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,200	
Raceway								
Conduit	70%			2026	$404,600	1		
Conduit	30%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2025	$478,300	5	$7,300	
Wiring								
Braided Cloth	30%	2-4	$233,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Thermoplastic	70%			2036	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$161,200	5	$1,300	
Motor Control Center	30%			2031	* *	5	$2,300	
Ground								
Grounding Devices								
Generic	100%	Now	$200	LIFE	* *	5	$4,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2026	$2,961,600	10	$244,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps And Ballasts Have Been Replaced With T-5 Lamps And Ballasts.								
HID	3%			2026	$66,500	10	$300	
Incandescent	1%			2021	$30,900	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Incandescent Lighting								
Egress Lighting								
Emergency, Battery	50%			2021	$187,300	10	$33,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency, Battery								
Exit, Service	50%			2021	$37,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2021	$1,048,900	10	$900	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$20,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	* *			
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Fire Alarm System Currently Being Installed To All Floors.								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Campus Steam	100%	Now	$9,100	2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam Supplied From Nearby Brooklyn College Insulation Missing Or Damaged								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2029	* *	5	$16,500	
Distribution								
Steam Piping/Pump	80%	Now	$155,100	2036	* *	4	$11,000	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Areas								
Steam Piping/Pump	20%			2036	* *	4	$2,700	
Terminal Devices								
Air Handler	30%	Now	$22,500	2026	$449,300	1	$46,400	
Abandoned in Place, Extent : Light, Area Affected : 50%								
Location : Abandoned Units In Attic								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Control System								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : North Side Fan Room In Basement								
Explanation : One Air Handler Not Working								
Convector/Radiator	70%	Now	$91,800	2024	$1,836,300	1	$56,500	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Room 209, Boys Gymnasium								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK

Asset # : 1220

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$142,700	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$245,200	
Exhaust Fans								
Interior	100%	Now	$61,400	2021	$307,000	2	$6,800	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Boys Gymnasium Room, Cafeteria And Boys Locker Rooms Exhaust In South Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : Unit Has Been In Use For More Than 20 Years								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2024	$43,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 - 50 Gallon Units								
HW Heat Exchanger								
Low Temp	100%	Now	$25,800	2036	* *	4	$27,500	
Leak Evident, Extent : Severe, Area Affected : 75%								
Location : 2 Heat Exchangers - Steam Piping All Around Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Grease Trap Serves Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Single Units								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2036	* *	4	$1,600	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Duplex Pumps In Basement Broken								

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK
Asset # : 1220

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Explanation : Drinking Fountains Out Of Service, Some Are Chipped								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4, (1) B-1 - Control System Repair Needed								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$7,800	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MIDWOOD HIGH SCHOOL - BK ANNEX**
Address : **2839 BEDFORD AVENUE @ CAMPUS RD.**
Borough : **BROOKLYN**
Agency's Number : **K705**
Program / Asset # : **BOE0622.020 / 14412**
Yr Built/Renovated : **2008 /**
Area Sq Ft : **48,019**
Project Type : **EDUCATION**
Date of Survey : **11-Sep-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7553** **Lot** : **41**
BIN : **3205788**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$137,100	$221,900
Interior Architecture	$100,300	$54,700
Electrical		$44,000
Total	**$237,400**	**$320,700**
Importance Code A	$137,100	$221,900
Importance Code B		$44,000
Importance Code C	$100,300	$54,700
Total	**$237,400**	**$320,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$103,000	$10,500		
Interior Architecture	$41,500	$30,100	$16,200	
Electrical	$5,500	$8,900	$3,700	$3,700
Mechanical	$27,600	$8,400	$10,300	$7,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$185,500**	**$65,800**	**$38,000**	**$19,200**
Importance Code A	$105,500	$12,800	$2,400	$2,400
Importance Code B	$68,600	$53,000	$35,700	$16,800
Importance Code C	$11,400			
Total	**$185,500**	**$65,800**	**$38,000**	**$19,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK ANNEX
Asset # : 14412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$169,700	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$42,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Enclosed Pedestrian Walkway Over Bedford Avenue								
Explanation : Connecting Bridge								
Metal Panel	15%			2052	* *	5-10	$116,600	
Windows								
Fiberglass Panel	10%			2048	* *	5	$4,200	
Glass Block	15%			LIFE	* *	5	$2,100	
Steel	75%			2048	* *	5	$104,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$19,700	
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$33,200	
Metal Panel	3%			2052	* *	5	$800	
Metal Rail	17%			2043	* *	5-10	$21,300	
Roof								
IRMA/Protected Membrane	85%	Now	$5,900	2034	* *			
Gut/DS Non Func/Miss, Extent : Light, Area Affected : 15%								
Modified Bitumen	15%			2034	* *	10	$6,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,400	
Ceramic Tile	5%			2039	* *	5	$3,600	
Terrazzo	5%			LIFE	* *	5	$5,600	
Traffic Topping	20%			2034	* *	5	$18,000	
Vinyl Tile	60%			2034	* *	3	$16,200	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,100	
Gypsum Board	80%			LIFE	* *	5-10	$155,000	
Steel Plate	10%			LIFE	* *	5	$13,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior Curtain Wall At Connecting Tunnel								
Explanation : Exposed Steel Structure								
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$60,200	
Exposed Concrete	15%			LIFE	* *	5-10	$13,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK ANNEX
Asset # : 14412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 And One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$14,800	
Generators								
Diesel	100%			2039	* *	1	$18,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 275 Kva								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$1,800	
Fuel Storage								
Day Tank	100%			2048	* *	5	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	5%			2034	* *	10	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridor								
Explanation : Using T-5 Lamps								
Fluorescent	95%			2034	* *	10	$41,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK ANNEX
Asset # : 14412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$3,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$23,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Roof Top Units								
Terminal Devices								
Fan Coil Unit/Heat	20%			2031	* *	1	$3,100	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units, Refrigerant R410a								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Roof	100%			2034	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2024	$11,200	2	$700	

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DEPARTMENT OF EDUCATION - 040
MIDWOOD HIGH SCHOOL - BK ANNEX
Asset # : 14412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C-3 (1) 1-3								
Explanation : 2 Units - Both Are Under Repair								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$24,200	
Sprinkler								
Generic	100%			2052	* *	1-2	$13,500	
Fire Pump								
Generic	100%			2039	* *	1	$9,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE**
Address : **E. 17 STREET & AVENUE L**
Borough : **BROOKLYN**
Agency's Number : **K405**
Program / Asset # : **BOE0622.010 / 13395**
Yr Built/Renovated : **1940 / 2003**
Area Sq Ft : **8,000**
Project Type : **EDUCATION**
Date of Survey : **11-Sep-2014**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **7553** **Lot** : **41** **BIN** : **3205788**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$132,500	$358,100
Interior Architecture	$237,200	$46,900
Electrical		$412,700
Mechanical	$43,400	$726,200
Total	**$413,100**	**$1,543,900**
Importance Code A	$132,500	$497,700
Importance Code B	$198,800	$1,046,200
Importance Code C	$81,800	
Total	**$413,100**	**$1,543,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,500		$5,300	
Interior Architecture	$80,100			$5,700
Electrical	$200		$100	$100
Mechanical	$43,100	$5,200	$4,000	$3,800
Total	**$175,000**	**$5,200**	**$9,300**	**$9,600**
Importance Code A	$54,400	$2,800	$8,100	$2,800
Importance Code B	$90,900	$2,400	$1,200	$1,300
Importance Code C	$29,700			$5,500
Total	**$175,000**	**$5,200**	**$9,300**	**$9,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE

Asset # : 13395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	55%	Now	$132,500	LIFE	* *	5	$58,700	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
Location : Center Beam, Underside Of Cantilever, Lower Stands								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 35%								
Location : Underside Of Cantilever, Lower Stands, Sidewalls, Stairs To Cellar								
Concrete Masonry Unit	15%	Now	$26,400	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Side Walls Of Upper Stands								
Metal Sect. OHD	10%	Now	$13,300	2024	$66,700	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Tracks And Bottom Panels Of Doors								
Explanation : Rust/corrosion/deterioration								
Metal: Cage/Fence	10%	Now	$4,800	2024	$24,200	5	$4,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Lower And Upper Stands								
Pre-Cast Concrete	10%			LIFE	* *	5	$13,900	
Windows								
Aluminum	100%			2034	* *	5	$10,600	
Roof								
Single Ply Membrane	100%			2026	$179,300	10	$53,300	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$93,900	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Walking Surfaces In Stands And Under Cantilever At Lower Stands								
Explanation : Areas Included								
Mosaic Tile	15%			2031	* *	5	$16,100	
Quarry Tile	30%			2031	* *	5	$19,300	
Vinyl Tile	5%			2021	$18,200	3	$1,100	
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *	10	$81,800	
Ceramic Tile	10%			2035	* *	5	$10,900	
Concrete Masonry Unit	35%			LIFE	* *	5	$30,500	
Plaster	15%			LIFE	* *	5-10	$13,900	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$5,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE

Asset # : 13395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%	Now	$27,600	LIFE	* *	5	$1,300	
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Underside Of Cantilever, Lower Stands								
Exposed Struc: Steel	60%	4+	$108,500	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : Steel Trusses And Columns								
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Steel Trusses And Columns								
Plaster	20%	Now	$22,500	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$48,900	5		
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	50%			2025	$11,200	5	$100	
Molded Case Bkrs	50%			2025	$11,200	5	$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	50%			2026	$159,200	10	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	50%			2021	$159,200	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MIDWOOD HIGH SCHOOL - BK STADIUM / FIELDHOUSE

Asset # : 13395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2021	$30,200	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$8,900	
Conversion Equipment								
Steam Boiler	100%			2024	$139,600	1	$28,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$20,000	2026	$200,200	4	$1,400	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Convector/Radiator	10%			2024	$27,100	1	$900	
Fan Coil Unit/Heat	90%	Now	$19,300	2021	$386,400	1	$7,500	
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Various Areas								
Ventilation								
Exhaust Fans								
Wall Unit	100%	Now	$43,400	2036	* *	2	$700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Units Do Not Work								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$8,900	4	$4,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$16,700	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX**			
Address	:	**1780 DR. MARTIN LUTHER KING JR. BLVD. - BX**			
Borough	:	**BRONX**	**Agency's Number**	:	**X338**
Program / Asset #	:	**BOE1118.000 / 14574**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**96,049**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**10-Mar-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4,p**			
Block	:	**2866** **Lot** : **100**	**BIN**	:	**2008470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$113,700	$181,200
Interior Architecture	$308,300	$210,200
Electrical		$86,300
Total	**$422,000**	**$477,700**
Importance Code A	$113,700	$181,200
Importance Code B	$57,500	$143,800
Importance Code C	$250,800	$152,700
Total	**$422,000**	**$477,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,700	$10,600		
Interior Architecture	$74,700	$6,800	$16,700	
Electrical	$11,000	$9,800	$7,400	$7,400
Mechanical	$58,600	$18,700	$22,300	$14,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$201,800**	**$53,800**	**$54,300**	**$29,600**
Importance Code A	$56,100	$14,900	$5,200	$4,300
Importance Code B	$140,100	$38,900	$49,100	$25,300
Importance Code C	$5,600			
Total	**$201,800**	**$53,800**	**$54,300**	**$29,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX

Asset # : 14574

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$227,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$22,400	
Windows								
Aluminum	100%			2048	* *	5	$21,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$37,300	
Masonry: Limestone	10%			LIFE	* *	5-10	$7,400	
Roof								
IRMA/Protected Membrane	98%			2034	* *	10	$67,500	
Plaza Roof: Stone Panels	2%			2052	* *			
Interior								
Floors								
Carpet	2%			2027	* *	3	$4,300	
Cast in Place Concrete	5%			LIFE	* *	5	$31,400	
Ceramic Tile	5%			2039	* *	5	$7,200	
Quarry Tile	5%			2043	* *	5	$10,800	
Terrazzo	5%			LIFE	* *	5	$11,200	
Vinyl Tile	73%			2034	* *	3	$39,400	
Wood	5%			2061	* *	5	$13,500	
Interior Walls								
Ceramic Tile	25%			2039	* *	5	$70,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$11,200	
Gypsum Board	70%			LIFE	* *	5-10	$333,400	
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$115,000	
Embossed Metal	5%			LIFE	* *	5	$6,500	
Exposed Struc: Steel	10%			LIFE	* *	10	$28,800	
Gypsum Board	5%			LIFE	* *	5-10	$24,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps And One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	85%			2048	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$100	
Motor Control Center	80%			2043	* *	5	$2,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Roof Level Mechanical Room							
	Explanation : Vfd Is Connected To Mcc And All The Controls Hook-up To Bms							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Water Main							
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$29,600	
Generators								
Diesel	100%			2039	* *	1	$37,200	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Generator Room							
	Explanation : One 250 Kw							
Batteries								
Lead/Acid	100%			2021	$1,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2061	* *	5	$2,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : One 270 Gals							
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$81,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : T-8 Lamps							
Fluorescent	5%			2034	* *	10	$4,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Gymnasium And Lobby							
	Explanation : T-5 Lamps							
Incandescent	2%			2034	* *	2		
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX
Asset # : 14574

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$7,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2052	* *	1		
Conversion Equipment								
Furnace	90%	Now	$5,300	2031	* *	1	$38,500	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 6 Roof Top Package Units								
Radiant Heater	10%			2031	* *	2	$4,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases And Hallways								
Explanation : 20 Electrical Radiants								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$12,700	2031	* *	2	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1 Compressor Of #6 Unit, Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Package Units. Refrigerant: R-410								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,800	
Exhaust Fans								
Roof	100%			2031	* *	2	$2,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MORRIS HEIGHTS EDUCATIONAL COMPLEX - BX

Asset # : 14574

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$22,300	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$26,900	
Fire Pump								
Generic	100%			2035	* *	1	$17,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **MORRIS HIGH SCHOOL - BX**
Address : **E 166 TH ST. & BOSTON ROAD BTWN: EAST 166 ST., EAST 167 ST.**
Borough : **BRONX** | **Agency's Number** : **X400**
Program / Asset # : **BOE0318.000 / 376** | **Yr Built/Renovated** : **1901 / 2015**
Area Sq Ft : **182,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Apr-2015** | **Landmark Status** : **INTERIOR, EXTERIOR, H-DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,7,8**
Block : **2634** **Lot** : **1** | **BIN** : **2004526**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$481,400	$385,700
Interior Architecture	$764,900	$754,400
Electrical		$4,378,300
Mechanical	$147,200	$2,175,500
Total	**$1,393,400**	**$7,694,000**
Importance Code A	$481,400	$385,700
Importance Code B	$608,900	$7,207,200
Importance Code C	$303,100	$101,000
Total	**$1,393,400**	**$7,694,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$76,800	$13,500	$20,700	
Interior Architecture	$107,000		$19,900	$24,500
Electrical	$45,400	$14,700	$26,300	$14,700
Mechanical	$100,900	$39,900	$48,600	$40,500
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$345,800**	**$83,900**	**$131,300**	**$95,400**
Importance Code A	$93,000	$29,800	$36,900	$16,200
Importance Code B	$216,700	$54,200	$94,400	$71,600
Importance Code C	$36,100			$7,700
Total	**$345,800**	**$83,900**	**$131,300**	**$95,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$205,400	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Tower								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Tower								
Explanation : Netting In Place								
Masonry: Brick	10%	Now	$86,700	LIFE	* *	5	$26,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys And Girls Restrooms In Basement								
Masonry: Brick Cavity	65%			LIFE	* *	5	$341,800	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Masonry: Brick Cavity	10%			LIFE	* *	5	$52,600	
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : Tower								
Masonry: Limestone	10%			LIFE	* *	5	$39,400	
Windows								
Aluminum	93%			2042	* *	5	$61,500	
Metal Louvers	2%			2035	* *	10	$8,300	
Steel	5%			2034	* *	5	$41,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Stained Glass								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$6,500	LIFE	* *	5	$5,900	
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : Tower								
Cast Stone/Terra Cotta	25%			LIFE	* *	5-10	$54,100	
Masonry: Brick	35%			LIFE	* *	5-10	$18,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$4,700	
Metal Rail	25%			2043	* *	5-10	$34,500	
Roof								
Copper/Terne	30%			2041	* *	10	$51,500	
Copper/Terne	20%			2061	* *	10	$34,300	
Modified Bitumen	35%			2036	* *	10	$24,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Gymnasium And Cafeteria								
Skylight, Metal/Glass	5%	Now	$55,400	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Elevator Mechanical Room								
Under Construction	10%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$53,600	
Ceramic Tile	5%			2035	* *	5	$12,300	
Quarry Tile	5%			2039	* *	5	$18,400	
Terrazzo	5%			LIFE	* *	5	$19,200	
Vinyl Tile	35%			2031	* *	3	$32,200	
Vinyl Tile	10%	Now	$227,700	2036	* *	3	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Vinyl Tile	25%			2026	$569,200	3	$30,600	
Wood	5%			2041	* *	5	$23,000	
Under Construction	5%							
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$15,300	
Concrete Masonry Unit	2%	Now	$148,500	LIFE	* *	5	$2,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Fan Room In Basement								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Fan Room In Basement								
Glass: Single Pane	2%			LIFE	* *	5	$9,200	
Gypsum Board	8%			LIFE	* *	5-10	$41,600	
Masonry: Brick	5%			LIFE	* *	10	$4,600	
Plaster	70%			LIFE	* *	5-10	$182,100	
Wood	3%			LIFE	* *	5	$73,500	
Under Construction	5%							
Ceilings								
AcousTileConcealSpLn	20%	Now	$86,600	2031	* *	5	$30,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
AcousTileSusp.Lay-In	20%			2031	* *	5	$49,000	
Gypsum Board	5%			LIFE	* *	5-10	$42,100	
Plaster	52%			LIFE	* *	5-10	$219,100	
Plaster	3%			LIFE	* *	5-10	$12,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

MORRIS HIGH SCHOOL - BX

Asset # : 376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2036	* *	5	$700	
Molded Case Bkrs	10%			2036	* *	5	$500	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$200	
Molded Case Bkrs	95%			2034	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Room								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$56,000	
Generators								
Diesel	100%			2029	* *	1	$70,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 300kw								
Batteries								
Nickel Cadmium	100%			2019	$1,600	5	$40,600	
Fuel Storage								
Day Tank	50%			2034	* *	5	$15,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2041	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	92%			2026	$1,828,200	10	$138,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2026	$119,200	10	$9,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Kitchen								
HID	2%			2026	$28,600	10	$100	

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DEPARTMENT OF EDUCATION - 040
MORRIS HIGH SCHOOL - BX
Asset # : 376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2026	$44,000	1		
Exit, Service	50%			2026	$24,100	1		
Exterior Lighting								
HID	100%			2031	* *	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2041	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Tower								
Explanation : Located In The Tower Only								
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$180,500	1	$20,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2026	$2,059,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Manual Pull Stations, Horns, Alarm Bells And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$162,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$62,500	2036	* *	4	$8,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various								

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DEPARTMENT OF EDUCATION - 040

MORRIS HIGH SCHOOL - BX

Asset # : 376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$28,900	2026	$289,400	1	$27,300	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Coils, Various								
Convector/Radiator	70%			2024	$1,182,900	1	$37,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%	Now	$23,000	2024	$230,400	2	$800	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 12 Units, Various								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 24 Small Units, Various								
Window/Wall Unit	60%	Now	$44,100	2021	$220,700	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Various								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$144,600	
Exhaust Fans								
Interior	50%			2026	$98,900	2	$2,500	
Roof	50%			2026	$71,100	2	$2,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 2 Large Units On Roof Is Under Installation								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$41,600	2	$2,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$12,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

MORRIS HIGH SCHOOL - BX

Asset # : 376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-5 (1) 1-5								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$82,600	
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$9,200	
Fire Pump								
Generic	100%			2029	* *	1	$30,600	
Chemical System								
Generic	100%			2021	$28,500	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**MOTT HAVEN EDUCAT. CAMPUS - BX**			
Address	:	**730 CONCOURSE VILLAGE WEST BTWN E.153 ST. - E.156 ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X790**
Program / Asset #	:	**BOE1122.000 / 14578**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**300,238**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**20-Apr-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3**			
Block	:	**2443** **Lot** : **78**	**BIN**	:	**2103486**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$161,900	$1,225,700
Interior Architecture	$215,800	$1,170,700
Electrical		$275,400
Mechanical	$39,200	$183,500
Total	**$417,000**	**$2,855,300**
Importance Code A	$161,900	$1,225,700
Importance Code B	$196,500	$1,009,300
Importance Code C	$58,500	$620,200
Total	**$417,000**	**$2,855,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$80,600		
Interior Architecture		$88,600	$11,200	
Electrical	$29,300	$80,400	$29,300	$29,300
Mechanical	$110,000	$55,100	$135,900	$55,100
Elevators/Escalators	$44,400	$44,400	$44,400	$44,400
Total	**$183,600**	**$349,100**	**$220,800**	**$128,800**
Importance Code A	$14,800	$96,100	$14,800	$14,800
Importance Code B	$168,800	$229,600	$206,000	$113,900
Importance Code C		$23,400		
Total	**$183,600**	**$349,100**	**$220,800**	**$128,800**

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDUCAT. CAMPUS - BX
Asset # : 14578

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$65,600	
Metal Panel	20%			2053	* *	5-10	$450,700	
Pre-Cast Concrete	55%			LIFE	* *	5	$586,000	
Window Wall	5%			2053	* *	5	$61,500	
Windows								
Aluminum	90%			2048	* *	5	$78,000	
Glass Block	5%			LIFE	* *	5	$2,700	
Metal Louvers	5%			2038	* *	10	$27,100	
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$2,500	
Metal Panel	10%			2053	* *	5	$9,800	
Metal Rail	10%			2043	* *	5-10	$45,600	
Metal Security Bars	20%			2063	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Around Terraces							
	Explanation : This Component Is Acually Iron Fence							
Pre-Cast Concrete	50%			LIFE	* *	5	$79,400	
Roof								
IRMA/Protected Membrane	45%			2031	* *	10	$70,500	
Metal Panel	20%			2043	* *	10	$57,500	
Modified Bitumen	3%			2031	* *	10	$4,700	
Plaza Roof: Stone Panels	30%			2053	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Over Terraces							
	Explanation : This Component Is Actually Pre-cast Concrete Panels							
Skylight, Metal/Glass	2%			2053	* *	10	$10,500	
Interior								
Floors								
Carpet	5%			2025	$286,800	3	$33,700	
Cast in Place Concrete	5%			LIFE	* *	5	$49,200	
Ceramic Tile	7%			2038	* *	5	$31,500	
Quarry Tile	3%			2043	* *	5	$20,200	
Terrazzo	10%			LIFE	* *	5	$35,100	
Vinyl Tile	70%			2033	* *	3	$118,000	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	$46,800	
Concrete Masonry Unit	3%			LIFE	* *	5	$11,200	
Folding Partition	5%			2048	* *	5	$117,000	
Glass: Single Pane	2%			LIFE	* *	5	$14,000	
Gypsum Board	80%			LIFE	* *	5	$449,400	
Wood	3%			LIFE	* *	5	$112,300	

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDUCAT. CAMPUS - BX
Asset # : 14578

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%			2043	* *	5	$314,600	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$112,300	
Wood	5%			LIFE	* *	5	$196,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room C20								
Explanation : 5 Disconnect Switches Rated @ 1200 Amps Each								
Transformers								
Dry Type	100%			2043	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 208/120v								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$7,900	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$7,900	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$92,400	
Generators								
Natural Gas	100%			2038	* *	1	$116,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 500 Kw Caterpillar								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$66,900	
Lighting								

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDUCAT. CAMPUS - BX
Asset # : 14578

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$275,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps, T-12 Lamps & Compact Lamps								
Egress Lighting								
Exit, Service	50%			2033	* *	1		
Exit, Battery	50%			2033	* *	10	$10,100	
Exterior Lighting								
HID	100%			2033	* *	10	$900	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2063	* *	5	$8,800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$33,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2033	* *	1-3	$55,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	75%			2031	* *	1	$111,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Roof Top Air Conditioning Units With Natural Gas Furnaces								
Hot Water Boiler	25%			2040	* *	1	$37,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Mechanical Rooms								
Explanation : 4 Natural Gas Burning Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	25%			2045	* *	4	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Service To Air Handling Units And Fin Tube Radiators								
Explanation : Dual Temperature System								
No Component	75%							

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DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDUCAT. CAMPUS - BX
Asset # : 14578

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	96%			2031	* *	1	$178,200	
Convector/Radiator	2%			2040	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar Level								
Explanation : Hot Water Fin Tube Radiators								
Fan Coil Unit/Heat	2%			2031	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairways And Mechanical Equipment Rooms								
Explanation : Electric Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2031	* *	1	$34,800	
Ext Pkg Unit - Cooling	5%			2031	* *	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof, Mfd And Idf Rooms								
Explanation : Split Units								
Ext Pkg Unit - Heating/Cooling	70%			2031	* *	2	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof, Serves Classrooms, Offices And Corridors Throughout								
Explanation : Packaged Roof Top Air Conditioning Units With Natural Gas Furnaces								
Distribution								
Chilled Wtr Pipe/Pump	25%			2049	* *	4	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Dual Temperature Piping And Pumping								
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2031	* *	1	$46,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gym, Cafeteria And Auditorium								
Explanation : Dual Temperature System								
No Component	75%							
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$209,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Roof Top Units. Air Cooled Chiller And Split Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$167,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
MOTT HAVEN EDUCAT. CAMPUS - BX
Asset # : 14578

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2031	* *	2	$1,800	
Roof	80%			2031	* *	2	$7,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2022	$69,800	2	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Bulk Head Mechanical Room								
Explanation : 4 Natural Gas Burning Hot Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Galvanized Iron Piping								
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$18,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 8 Units From Cellar To 3rd Floor, 1 Unit From Basement Level To Cellar								
Explanation : 9 Units Total								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$151,400	
Sprinkler								
Generic	100%			2049	* *	1-2	$84,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

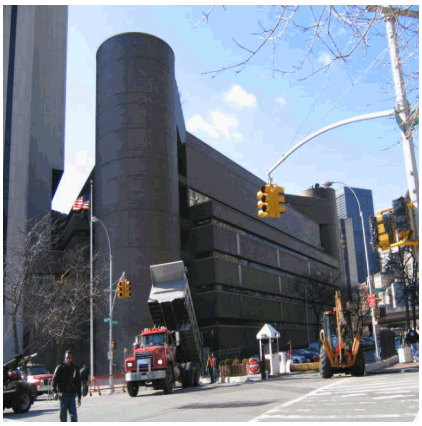
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **MURRY BERGTRAUM H.S. - M**				
Address	: **411 PEARL ST @ MADISON ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M520**
Program / Asset #	: **BOE0138.000 / 165**			**Yr Built/Renovated**	: **1975 / 2009**
Area Sq Ft	: **305,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5,mez,6**				
Block	: **113**	**Lot**	: **100**	**BIN**	: **1001388**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$217,400	$349,900
Interior Architecture	$1,398,900	$3,579,500
Electrical	$1,553,400	$6,960,000
Mechanical	$43,000	$3,630,000
Total	**$3,212,600**	**$14,519,500**
Importance Code A	$217,400	$434,000
Importance Code B	$2,995,200	$13,996,800
Importance Code C		$88,700
Total	**$3,212,600**	**$14,519,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,400			$25,600
Interior Architecture		$37,300	$51,600	$23,100
Electrical	$31,800	$30,100	$43,400	$83,300
Mechanical	$258,700	$87,900	$208,300	$93,200
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$319,700**	**$167,100**	**$315,200**	**$237,100**
Importance Code A	$22,200	$4,900	$11,700	$31,100
Importance Code B	$297,400	$148,300	$303,500	$205,900
Importance Code C		$13,900		
Total	**$319,700**	**$167,100**	**$315,200**	**$237,100**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$245,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$44,400	
Window Wall	5%			2045	* *	5	$51,200	
Windows								
Aluminum	98%	Now	$136,300	2041	* *	5	$16,300	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2034	* *	10	$4,100	
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5	$5,100	
Masonry: Brick Cavity	65%			LIFE	* *	5	$6,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Rail	25%			2042	* *	5-10	$44,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Over Fifth Floor								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	30%			2033	* *	10	$59,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Modified Bitumen	70%	Now	$81,100	2033	* *			
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Over Sixth Floor								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Sixth Floor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Gimnasium								
Interior								
Floors								
Carpet	5%			2021	$313,900	3	$36,900	
Cast in Place Concrete	10%			LIFE	* *	5	$107,600	
Ceramic Tile	3%			2034	* *	5	$14,800	
Quarry Tile	3%			2038	* *	5	$22,100	
Terrazzo	2%			LIFE	* *	5	$7,700	
Vinyl Tile	72%			2025	$3,010,800	3	$132,800	
Wood	5%			2040	* *	5	$46,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	15%			LIFE	* *	5	$33,500	
Folding Partition	2%			2033	* *	5	$27,900	
Plaster	53%			LIFE	* *	5	$88,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	17%			2030	* *	5	$78,200	
Exposed Concrete	20%	Now	$147,900	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boys Locker Room								
Gypsum Board	13%			LIFE	* *	5	$74,700	
Metal Panel	25%	0-2	$1,151,500	LIFE	* *	5	$143,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Basement								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Corridors, Basement								
Metal Panel	20%			LIFE	* *	5	$114,900	
Plaster	5%	Now	$60,300	LIFE	* *	5	$14,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 5000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$488,700	5	$1,300	
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$700	
Molded Case Bkrs	10%			2041	* *	5	$800	
Molded Case Bkrs	80%			2024	$382,700	5	$6,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2025	$701,700	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	10%			2023	$23,000	5	$200	
Motor Control Center	70%			2023	$1,011,200	5	$5,800	
Variable Frequency Drive	20%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$93,800	
Generators								
Diesel	100%			2021	$121,400	1	$118,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated @ 200 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$11,300	
Fuel Storage								
Day Tank	50%			2024	$11,900	5	$30,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2028	* *	5	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2020	$365,000	10	$30,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : T-12 Lamps								
Fluorescent	85%			2025	$3,102,400	10	$256,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-8 Lamps								
Fluorescent	3%			2025	$109,500	10	$9,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2020	$26,200	10	$100	
Incandescent	1%			2020	$36,500	2	$100	
Egress Lighting								
Emergency, Service	50%			2025	$80,800	1		
Exit, Service	50%			2025	$44,300	1		
Exterior Lighting								
HID	100%			2020	$1,151,900	10	$900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$34,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Heat Exchanger	30%			2028	* *	1	$48,700	
Pres. Reducing Valve/LP Steam	70%			2034	* *	5	$13,700	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	30%	Now	$24,800	2033	* *	4	$4,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Expansion Tank And Water Piping On 6th Floor								
Steam Piping/Pump	70%	Now	$32,100	2035	* *	4	$11,300	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Sub Cellar Steam Room								
Terminal Devices								
Air Handler	75%	Now	$26,600	2025	$1,328,800	1	$137,200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Ahu For Auditorium On 6th Floor								
Explanation : Water Leaks From Condensate Pan								
Convector/Radiator	20%			2030	* *	1	$21,200	
Fan Coil Unit/Heat	5%	Now	$12,300	2025	$246,000	1	$4,800	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 6th Floor Mechanical Room								
Air Conditioning								
Energy Source								
Steam/HW System	85%			2035	* *	1		
No Component	15%							
Conversion Equipment								
Absorption Chiller/Steam/HW	85%			2028	* *	1	$302,200	
R-134a Refrigerant, Extent : Light, Area Affected : 85%								
Location : 6th Floor								
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	85%			2051	* *	4	$13,800	
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2025	$1,878,600	1	$172,700	
No Component	15%							
Heat Rejection								
Water Cool Tower	100%			2029	* *	2	$330,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$183,200	
Exhaust Fans								
Interior	80%			2030	* *	2	$8,000	
Roof	20%			2025	$52,200	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$19,600	2035	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Booster Pump In Sub Cellar								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$32,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

MURRY BERGTRAUM H.S. - M

Asset # : 165

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$20,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) Sub C To 6, (1) C - 6								
Explanation : Two Elevators								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : One Hoist								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$171,800	
Sprinkler								
No Component	85%							
Generic	15%			2035	* *	1-2	$13,800	
Fire Pump								
Generic	100%			2034	* *	1	$61,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **NEW DORP HIGH SCHOOL - SI**		
Address	: **465 NEW DORP LANE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R435**
Program / Asset #	: **BOE0947.000 / 1423**	**Yr Built/Renovated**	: **1982 / 2006**
Area Sq Ft	: **460,116**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3930** **Lot** : **10**	**BIN**	: **5055367**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$497,700	$688,700
Interior Architecture	$2,390,600	$4,720,000
Electrical	$320,600	$13,324,900
Mechanical	$889,800	$5,794,400
Total	**$4,098,700**	**$24,528,000**
Importance Code A	$609,700	$814,800
Importance Code B	$2,884,800	$23,580,800
Importance Code C	$604,200	$132,400
Total	**$4,098,700**	**$24,528,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$71,400	$22,400		$60,300
Electrical	$56,000	$54,300	$47,600	$45,300
Mechanical	$72,100	$152,600	$253,100	$153,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$207,400**	**$237,200**	**$308,600**	**$266,400**
Importance Code A		$45,600	$46,600	$45,600
Importance Code B	$179,700	$179,600	$262,000	$220,900
Importance Code C	$27,700	$12,000		
Total	**$207,400**	**$237,200**	**$308,600**	**$266,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW DORP HIGH SCHOOL - SI

Asset # : 1423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$497,700	LIFE	* *	5	$329,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$56,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$30,000	
Metal Rail	5%			2041	* *	5-10	$28,500	
Roof								
Built-Up (BUR)	95%			2032	* *	10	$358,800	
Panel/Paver: Cer/Brk	5%			2044	* *	10	$25,200	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$17,900	LIFE	* *	5	$75,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2033	* *	5	$20,700	
Panel/Paver: Cer/Brk	5%			2040	* *	5	$77,500	
Quarry Tile	5%			2037	* *	5	$51,700	
Terrazzo	2%			LIFE	* *	5	$10,800	
Vinyl Tile	70%	0-2	$409,900	2024	$4,099,000	3	$180,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$227,100	2039	* *	5	$64,600	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW DORP HIGH SCHOOL - SI
Asset # : 1423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$127,000	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2033	* *	5	$24,100	
Concrete Masonry Unit	5%	0-2	$44,600	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%	0-2	$255,600	2040	* *	5	$20,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%	0-2	$27,700	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	0-2	$177,100	LIFE	* *	5	$132,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	40%	Now	$1,024,500	2037	* *	5	$137,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
AcousTileConcealSpLn	20%			2029	* *	5	$172,200	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$86,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$126,100	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 1600 Amp Main Service Protectors								
Transformers								
Dry Type	100%			2022	$15,800	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$733,100	5	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW DORP HIGH SCHOOL - SI

Asset # : 1423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2024	$867,100	1		
Panelboards								
Fused Disc Sw	10%			2023	$73,200	5	$1,100	
Molded Case Bkrs	90%			2023	$659,200	5	$10,900	
Wiring								
Thermoplastic	100%			2024	$1,169,600	1		
Motor Controllers								
Locally Mounted	100%			2022	$345,300	5	$3,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	$22,000	1	$141,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Zenith Control Transfer Switch								
Generators								
Diesel	100%			2020	$121,400	1	$178,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Kw Consolidated Power Genset								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$102,500	
Fuel Storage								
Main Tank	100%			2027	* *	5	$13,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$5,008,700	10	$413,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 50% T-8 Lamps, 50% T-12 Lamps								
HID	2%			2019	$73,500	10	$300	
Egress Lighting								
Emergency, Battery	20%			2024	$124,100	10	$22,200	
Exit, Service	60%			2019	$74,500	1		
Exit, Service	20%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$1,737,700	10	$1,400	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$348,000	1	$43,000	

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DEPARTMENT OF EDUCATION - 040

NEW DORP HIGH SCHOOL - SI

Asset # : 1423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$1,668,000	1-3	$99,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%	Now	$22,700	2044	* *	5	$71,300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Defective Oil Tank Change Over Swing Valve								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 15,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$112,000	2029	* *	1	$410,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 3 Of 4 Malfunctioning Boiler Burner Atomizer Compressors 4 Of 4 Defective Pressure Relief Valves And Mercury Switches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	40%			2032	* *	4	$9,100	
Steam Piping/Pump	60%			2034	* *	4	$20,400	
Terminal Devices								
Air Handler	50%	0-2	$62,000	2024	$1,240,500	1	$128,000	
Damper(s) Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : All Fan Rooms								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Air Handler Climate Control System								
Convector/Radiator	25%	0-2	$54,300	2029	* *	1	$33,400	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Control Valve And Thermostats								
Fan Coil Unit/Heat	25%			2024	$1,722,400	1	$37,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : Dual Temperature Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	40%			2040	* *	1		
Steam/HW System	60%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040

NEW DORP HIGH SCHOOL - SI

Asset # : 1423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	60%	0-2	$45,500	2027	* *	1	$268,900	
Broken, Extent : Severe, Area Affected : 100%								
Location : Faulty Absorber Steam Inlet Valve And Summer / Winter Change Over Valves								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Lithium Bromide Refrigerant								
Ext Pkg Unit - Cooling	10%			2024	$212,400	2	$2,800	
Window/Wall Unit	30%	0-2	$113,500	2019	$283,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Multiple Mechanical And Or Electrical Deficiencies Throughout								
Distribution								
Chilled Wtr Pipe/Pump	60%			2034	* *	4	$20,400	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2024	$1,172,700	1	$170,700	
No Component	40%							
Heat Rejection								
Water Cool Tower	60%	0-2	$158,500	2022	$792,400	2	$222,300	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Roof, Corroded Cooling Tower Drift Eliminators, New Condenser Water Strainer Recommended By Building Personnel								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Penthouse, Faulty Condenser Water Temperature Bypass Valve								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$256,600	
Exhaust Fans								
Interior	30%			2024	$152,600	2	$4,200	
Roof	70%			2024	$256,100	2	$9,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
HW Heat Exchanger								
Low Temp	100%	0-2	$2,900	2034	* *	4	$45,500	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : 1 Of 2 Defective Domestic Hot Water Tank Pressure Relief Valve								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

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DEPARTMENT OF EDUCATION - 040

NEW DORP HIGH SCHOOL - SI

Asset # : 1423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	80%							
Generic	20%			2024	$8,900	1	$5,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$240,600	
Sprinkler								
No Component	50%							
Generic	50%			2044	* *	1-2	$64,400	
Chemical System								
Generic	100%			2019	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **NEW EXPLORATIONS INTO SCIENCE TECH. & MATH H.S. (OLD JHS 22)**
Address : **111 COLUMBIA STREET BTWN: STANTON ST - E.HOUSTON ST**
Borough : **MANHATTAN**
Agency's Number : **M539**
Program / Asset # : **BOE0014.000 / 440**
Yr Built/Renovated : **1959 / 2010**
Area Sq Ft : **151,000**
Project Type : **EDUCATION**
Date of Survey : **17-Oct-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **335** **Lot** : **1**
BIN : **1004070**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$42,200	$189,700
Interior Architecture	$1,602,700	$91,200
Electrical	$277,900	$802,500
Mechanical	$428,600	$1,012,700
Total	**$2,351,400**	**$2,096,100**
Importance Code A	$42,200	$231,700
Importance Code B	$2,309,100	$1,826,200
Importance Code C		$38,200
Total	**$2,351,400**	**$2,096,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,500			$21,100
Interior Architecture	$32,600	$53,600		$57,000
Electrical	$34,400	$1,800	$2,700	$3,000
Mechanical	$42,200	$22,800	$37,900	$26,800
Total	**$142,600**	**$78,300**	**$40,600**	**$107,900**
Importance Code A	$37,500	$6,400	$4,000	$25,400
Importance Code B	$105,100	$64,800	$36,600	$82,500
Importance Code C		$7,100		
Total	**$142,600**	**$78,300**	**$40,600**	**$107,900**

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DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. & MATH H.S. (OLD JHS 22)

Asset # : 440

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$27,000	
Ceramic Tile	20%			2045	* *	10	$10,100	
Masonry: Brick	25%			LIFE	* *	5	$13,500	
Metal/Glass Curt Wall	45%			LIFE	* *	5	$45,500	
Windows								
Aluminum	98%			2047	* *	5	$7,100	
Metal Louvers	2%			2034	* *	10	$900	
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$500	
Metal Rail	80%			2042	* *	5-10	$76,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	25%			2030	* *	10	$42,200	
Copper/Terne	5%			2040	* *	10	$21,100	
IRMA/Protected Membrane	58%			2033	* *	10	$98,000	
Single Ply Membrane	10%			2033	* *	10	$16,900	
Skylight, Metal/Glass	2%			2045	* *	10	$11,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,000	
Ceramic Tile	5%			2028	* *	5	$12,100	
Quarry Tile	2%			2038	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile	13%			2033	* *	3	$11,800	
Vinyl Tile 9" X 9"	60%			2020	$1,602,700	3	$72,700	
Wood	5%			2040	* *	5	$22,700	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$14,200	
Concrete Masonry Unit	25%			LIFE	* *	5	$28,300	
Folding Partition	5%			2041	* *	5	$35,400	
Plaster	45%			LIFE	* *	5	$38,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$65,900	
AcousTileConcealSpLn	20%			2030	* *	5	$54,900	
Exposed Concrete	45%			LIFE	* *	5	$15,400	
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Vault Room							
Plaster	5%	Now	$14,400	LIFE	* *	5	$6,900	
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
	Location : Basement Corridor							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Basement Corridor							

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DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. & MATH H.S. (OLD JHS 22)

Asset # : 440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2045	* *	5	$200	
Molded Case Bkrs	70%			2025	$153,900	5	$2,800	
Raceway								
Conduit	80%			2025	$198,000	1		
Conduit	20%			2045	* *	1		
Panelboards								
Molded Case Bkrs	80%			2024	$179,400	5	$3,200	
Molded Case Bkrs	2%	2-4	$4,500	2050	* *	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement Corridor								
Molded Case Bkrs	18%			2033	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$277,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$80,600	5	$700	
Locally Mounted	25%	0-2	$28,800	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st Floor Fan Room								
Locally Mounted	5%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$148,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$19,600	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$500	
Alarm								

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DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. & MATH H.S. (OLD JHS 22)

Asset # : 440

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam From Con Ed								
Conversion Equipment								
Heat Exchanger	50%			2021	$17,300	1	$40,100	
Pres. Reducing Valve/LP Steam	50%			2028	* *	5	$4,800	
Distribution								
Hot Wtr Piping/Pump	50%			2024	$406,900	4	$4,000	
Steam Piping/Pump	50%			2025	$565,600	4	$6,000	
Terminal Devices								
Air Handler	30%			2020	$262,100	1	$30,100	
Convector/Radiator	70%			2030	* *	1	$36,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Split Unit	20%			2030	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 5 Units On Roof								
Window/Wall Unit	50%			2020	$166,500	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	20%			2030	* *	1	$10,500	
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

NEW EXPLORATIONS INTO SCIENCE TECH. & MATH H.S. (OLD JHS 22)

Asset # : 440

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	20%			2030	* *	2	$22,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,300	
Exhaust Fans								
Roof	100%	Now	$6,400	2030	* *	2	$4,000	
Broken, Extent : Moderate, Area Affected : 20%								
Location : 2 Motors, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2051	* *	4	$16,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Steam Room								
Explanation : 2 Inoperable Heat Exchangers Are Still Remaining								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Corridor During Heavy Rain / Difficult Access To Repair								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Duplex Sets								
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2035	* *	1-2	$6,800	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX**			
Address	:	**965 LONGWOOD AVENUE @ BECK ST**			
Borough	:	**BRONX**	**Agency's Number**	:	**X039**
Program / Asset #	:	**BOE1021.000 / 13463**	**Yr Built/Renovated**	:	**1905 / 2009**
Area Sq Ft	:	**85,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**21-Apr-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**2710** **Lot** : **1**	**BIN**	:	**2005616**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$275,000	$241,200
Interior Architecture	$780,500	$335,400
Electrical		$401,200
Mechanical		$691,100
Total	**$1,055,600**	**$1,669,000**
Importance Code A	$275,000	$241,200
Importance Code B	$613,800	$1,427,800
Importance Code C	$166,700	
Total	**$1,055,600**	**$1,669,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,300	$32,700		
Interior Architecture	$56,700		$21,300	$12,300
Electrical	$2,700	$1,000	$1,500	$1,000
Mechanical	$68,600	$17,100	$25,000	$14,100
Total	**$172,300**	**$50,800**	**$47,800**	**$27,400**
Importance Code A	$55,500	$40,500	$7,800	$7,800
Importance Code B	$91,500	$10,300	$40,000	$19,600
Importance Code C	$25,300			
Total	**$172,300**	**$50,800**	**$47,800**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$108,500	
Masonry: Brick	80%			LIFE	* *	5	$222,100	
Masonry: Brick	8%	Now	$33,500	LIFE	* *	5	$11,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Limestone	5%			LIFE	* *	5	$10,400	
Metal Coiling Doors	2%			2031	* *	5	$8,700	
Windows								
Aluminum	100%			2048	* *	5	$41,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$50,600	
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$85,400	
Metal Rail	5%			2043	* *	5-10	$16,100	
Metal: Cage/Fence	10%			2043	* *	5-10	$13,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,200	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$64,800	
Metal Panel	5%			2043	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,600	
Ceramic Tile	5%			2035	* *	5	$6,500	
Traffic Topping	5%	Now	$81,200	2036	* *	5	$4,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Stair A								
Vinyl Tile	30%			2031	* *	3	$14,700	
Vinyl Tile	25%			2026	$278,200	3	$16,400	
Vinyl Tile 9" X 9"	30%	Now	$432,500	2036	* *	3	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$45,000	2029	* *	5	$4,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,500	
Gypsum Board	10%			LIFE	* *	5-10	$27,700	
Masonry: Brick	10%	Now	$63,500	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 25%								
Location : Room Next To Electrical Room In Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Room Next To Electrical Room In Basement								
Plaster	65%			LIFE	* *	5-10	$90,000	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$4,100	
Ceilings								
AcousTileSusp.Lay-In	25%			2039	* *	5	$32,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,100	
Plaster	70%			LIFE	* *	5-10	$157,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	45%			2036	* *	5	$200	
Fused Disc Sw	50%			2046	* *	5	$200	
Fused Disc Sw	5%			2056	* *	5		
Raceway								
Conduit	65%			2036	* *	1		
Conduit	30%			2046	* *	1		
Conduit	5%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	30%			2034	* *	5	$700	
Molded Case Bkrs	40%			2042	* *	5	$900	
Molded Case Bkrs	20%			2051	* *	5	$400	
Wiring								
Thermoplastic	60%			2036	* *	1		
Thermoplastic	30%			2046	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	60%			2031	* *	5	$300	
Locally Mounted	30%			2039	* *	5	$200	
Locally Mounted	10%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,300	
Generic	50%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$78,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Lobby								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,600	
Exit, Service	5%			2026	$1,200	1		
Exit, Service	45%			2036	* *	1		
Exterior Lighting								
HID	100%			2026	$321,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,500	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	80%			2026	$172,300	5	$21,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Natural Gas	20%			2036	* *	1		
Conversion Equipment								
Furnace	20%	0-2	$4,300	2031	* *	1	$7,800	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Two Units In The Basement								
Steam Boiler	80%			2031	* *	1	$69,300	
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,300	
Terminal Devices								
Air Handler	20%	0-2	$18,900	2026	$94,300	1	$9,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Convector/Radiator	80%			2031	* *	1	$22,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2031	* *	2	$1,100	
Window/Wall Unit	60%			2021	$107,800	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$28,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,200	
Exhaust Fans								
Interior	20%			2021	$19,300	2	$500	
Roof	80%	Now	$1,100	2026	$55,600	2	$1,700	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$261,100	1		
HW Heat Exchanger								
Low Temp	100%			2026	$27,100	4	$13,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

NEW SCHOOL FOR ARTS & SCIENCES - BX /FORMER P.S. 39 - BX

Asset # : 13463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$5,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**NEW SETTLEMENT COMMUNITY CAMPUS**			
Address	:	**1509-1531 JEROME AVE. @ W.172 ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**LEASE-X240**
Program / Asset #	:	**BOE1086.000 / 14432**	**Yr Built/Renovated**	:	**2011 /**
Area Sq Ft	:	**173,628**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**25-Feb-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**2859** **Lot** : **77**	**BIN**	:	**2008334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$378,100
Interior Architecture	$109,100	$211,700
Electrical		$159,200
Mechanical		$43,000
Total	**$109,100**	**$792,100**
Importance Code A		$378,100
Importance Code B	$109,100	$311,400
Importance Code C		$102,600
Total	**$109,100**	**$792,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$36,400	
Interior Architecture			$78,800	
Electrical	$17,300	$17,300	$31,700	$38,100
Mechanical	$46,900	$27,000	$35,900	$54,800
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$79,900**	**$60,000**	**$198,600**	**$108,700**
Importance Code A	$8,600	$8,600	$45,400	$8,600
Importance Code B	$71,300	$51,400	$136,100	$100,100
Importance Code C			$17,100	
Total	**$79,900**	**$60,000**	**$198,600**	**$108,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$186,900	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$19,500	
Metal Panel	5%			2054	* *	5-10	$71,400	
Windows								
Aluminum	100%			2049	* *	5	$33,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,300	
Masonry: Brick	90%			LIFE	* *	5	$12,000	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$139,300	
Interior								
Floors								
Carpet	5%			2025	$165,900	3	$19,500	
Cast in Place Concrete	5%			LIFE	* *	5	$28,400	
Ceramic Tile	5%			2039	* *	5	$13,000	
Quarry Tile	1%			2044	* *	5	$3,900	
Terrazzo	5%			LIFE	* *	5	$10,200	
Vinyl Tile	69%			2034	* *	3	$67,200	
Wood	10%			2064	* *	5	$48,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%			2039	* *	5	$34,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,600	
Gypsum Board	75%			LIFE	* *	5	$102,600	
Ceilings								
AcousTileSusp.Lay-In	84%			2044	* *	5	$218,300	
Embossed Metal	1%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$32,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Multiple Main Services Rated @ 1600 & 1600 & 2000 Amps								
Transformers								
Dry Type	100%			2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 208/120v								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$700	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$53,400	
Generators								
Diesel	100%			2039	* *	1	$67,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 500 Kva								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$38,700	
Fuel Storage								
Day Tank	30%			2049	* *	5	$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gals								
Main Tank	70%			2064	* *	5	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 120 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$159,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps & Compact								
Egress Lighting								
Exit, Service	50%			2034	* *	1		
Exit, Battery	50%			2034	* *	10	$5,900	
Exterior Lighting								
HID	100%			2034	* *	10	$500	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2064	* *	5	$5,100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$13,000	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2034	* *	1-3	$42,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	90%			2032	* *	1	$77,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 11 Roof Top Units								
Hot Water Boiler	10%			2041	* *	1	$8,600	
Distribution								
Hot Wtr Piping/Pump	10%			2046	* *	4	$1,300	
No Component	90%							
Terminal Devices								
Convector/Radiator	5%			2041	* *	1	$2,800	
Fan Coil Unit/Heat	5%			2032	* *	1	$2,800	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2032	* *	2	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 11 Units On Roof								
Explanation : Refrigerant 407c								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,800	
Exhaust Fans								
Roof	10%			2032	* *	2	$500	
No Component	90%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW SETTLEMENT COMMUNITY CAMPUS
Asset # : 14432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Electric	15%			2023	$4,000	4	$200	
Gas Fired	85%			2023	$34,300	2	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2041	* *	4	$64,500	
Sewage Ejector(s)								
Electric	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$10,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Basement : 1st Floor, One Unit Basement: 2nd Floor, 2 Units Basement: 4th Floor								
Explanation : 4 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$90,800	
Sprinkler								
Generic	100%			2050	* *	1-2	$48,600	
Fire Pump								
Generic	100%			2037	* *	1	$32,400	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul -102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**NEW UTRECHT HIGH SCHOOL - BK**			
Address	:	**1601 80TH STREET**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K445**
Program / Asset #	:	**BOE0629.000 / 1226**	**Yr Built/Renovated**	:	**1924 / 2009**
Area Sq Ft	:	**250,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**29-Nov-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**6271** **Lot** : **1**	**BIN**	:	**3162711**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$178,500	$600,700
Interior Architecture	$1,278,700	$933,300
Electrical	$862,600	$2,587,900
Mechanical	$604,700	$399,400
Total	**$2,924,500**	**$4,521,400**
Importance Code A	$178,500	$651,200
Importance Code B	$2,262,900	$3,782,000
Importance Code C	$483,100	$88,300
Total	**$2,924,500**	**$4,521,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$22,300	$6,300	$28,200
Electrical	$2,900	$2,800	$4,100	$3,200
Mechanical	$63,900	$43,000	$64,100	$73,600
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$81,600**	**$82,900**	**$89,400**	**$119,800**
Importance Code A	$22,300	$22,300	$22,300	$22,600
Importance Code B	$59,300	$60,600	$67,100	$97,200
Importance Code C				
Total	**$81,600**	**$82,900**	**$89,400**	**$119,800**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$129,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$249,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$12,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$37,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$178,500	2041	* *	5	$42,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2033	* *	10	$141,500	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$184,100	
Ceramic Tile	5%	4+	$163,100	2028	* *	5	$8,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%			2033	* *	5	$37,900	
Terrazzo	5%			LIFE	* *	5	$13,200	
Vinyl Tile	15%	Now	$429,400	2035	* *	3	$18,900	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2025	$429,400	3	$18,900	
Wood	30%			2040	* *	5	$189,400	

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$133,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$232,100	2034	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	70%	0-2	$118,100	LIFE	* *	5	$88,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$33,600	
Ceilings								
AcousTile,Adhered	13%			2030	* *	5	$43,800	
AcousTileSusp.Lay-In	2%			2038	* *	5	$6,700	
Exposed Concrete	10%	Now	$108,300	LIFE	* *	5	$5,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Swimming Pool Area								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Swimming Pool Area								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Swimming Pool Area								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$136,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2025	$50,400	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps; One 1600 Amps And One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	40%			2051	* *	5	$400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2030	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 15 Kva 208v/120v								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$439,800	5	$1,000	
Fused Disc Sw	10%			2051	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2051	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$600	
Molded Case Bkrs	30%			2047	* *	5	$2,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	60%			2024	$287,000	5	$4,000	
Wiring								
Braided Cloth	70%	2-4	$545,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2045	* *	1		
Thermoplastic	10%			2051	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Motor Controllers								
Locally Mounted	10%			2038	* *	5	$200	
Locally Mounted	90%			2023	$207,200	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$191,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2025	$35,900	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Sodium								
Incandescent	5%			2020	$124,900	2	$300	
Egress Lighting								
Emergency, Service	50%			2025	$55,300	1		
Exit, Service	50%			2025	$30,300	1		
Exterior Lighting								
HID	100%			2025	$944,200	10	$800	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$18,700	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$222,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$78,500	2035	* *	4	$11,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Thermostats, Various Areas								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%	0-2	$12,100	2020	$242,600	1	$25,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2030	* *	1	$58,100	

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2025	$76,400	1	$10,400	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Ext Pkg Unit - Cooling	30%			2033	* *	2	$4,100	
R-134a Refrigerant, Extent : Light, Area Affected : 50%								
Location : New Building Roof								
Window/Wall Unit	20%			2020	$92,500	1		
No Component	40%							
Terminal Devices								
Direct Expansion	10%			2020	$41,900	1		
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2025	$80,600	2	$15,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$125,400	
Exhaust Fans								
Interior	60%			2020	$149,200	2	$4,100	
Roof	40%			2030	* *	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	Now	$2,700	2023	$134,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2023	$52,300	2	$3,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2030	* *	4		
Backflow Preventer								
Generic	100%			2030	* *	1	$13,800	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
NEW UTRECHT HIGH SCHOOL - BK
Asset # : 1226

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : B-5								
Explanation : 2 Passenger Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-2								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$6,300	
Fire Pump								
Generic	100%			2028	* *	1	$42,000	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **NEW YORK HARBOR SCHOOL - M**				
Address	: **550 SHORT AVENUE GOVERNORS ISLAND**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M877**
Program / Asset #	: **BOE1110.000 / 14566**			**Yr Built/Renovated**	: **1900 / 2009**
Area Sq Ft	: **58,102**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**				
Block	: **1**	**Lot**	: **10**	**BIN**	: **1086340**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$387,500	$69,500
Interior Architecture		$99,500
Electrical		$53,300
Total	**$387,500**	**$222,300**
Importance Code A	$387,500	$69,500
Importance Code B		$53,300
Importance Code C		$99,500
Total	**$387,500**	**$222,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,200		
Interior Architecture			$5,400	$14,100
Electrical	$5,100	$7,700	$5,600	$6,200
Mechanical	$47,000	$13,400	$27,300	$13,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$60,000**	**$39,200**	**$46,200**	**$41,600**
Importance Code A	$2,900	$13,100	$3,000	$2,900
Importance Code B	$57,100	$26,100	$43,200	$38,700
Importance Code C				
Total	**$60,000**	**$39,200**	**$46,200**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$20,500	
Masonry: Brick	85%	Now	$209,800	LIFE	* *	5	$69,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria, Room 117b, 207, 213								
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Wood	5%			2028	* *	5	$20,500	
Windows								
Aluminum	97%	Now	$117,300	2039	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	3%			2032	* *	10	$5,400	
Parapets								
Masonry: Brick	27%			LIFE	* *	5		
Masonry: Limestone	3%			LIFE	* *	5		
No Component	70%							
Roof								
Built-Up (BUR)	20%			2031	* *	10	$11,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Flat Sections								
Single Ply Membrane	15%			2031	* *	10	$8,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Ridge								
Slate	65%	Now	$60,300	LIFE	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$28,500	
Ceramic Tile	5%			2036	* *	5	$4,300	
Quarry Tile	5%			2040	* *	5	$6,500	
Sheet Vinyl/Rubber	25%			2031	* *	5	$32,600	
Vinyl Tile	50%			2031	* *	3	$16,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2036	* *	5	$9,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,900	
Gypsum Board	85%			LIFE	* *	5	$99,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$2,900	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2040	* *	5	$21,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Corridors								
Exposed Concrete	15%			LIFE	* *	5	$2,000	
Gypsum Board	10%			LIFE	* *	5	$10,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Room 117b								
Plaster	50%			LIFE	* *	5	$27,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 110 B								
Explanation : Rated At 2000 Amps								
Transformers								
Dry Type	100%			2040	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 150 Kva & 400 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$300	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$17,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2036	* *	1	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 110 B								
Explanation : 134 Kw Cummins								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$2,200	
Fuel Storage								
Main Tank	100%			2051	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps & Compact								
Egress Lighting								
Exit, Service	50%			2031	* *	1		
Exit, Battery	50%			2031	* *	10	$2,000	
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$4,300	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$7,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	$4,300	
Terminal Devices								
Air Handler	40%			2031	* *	1	$14,400	
Fan Coil Unit/Heat	60%	Now	$10,400	2031	* *	1	$10,100	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$27,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Distribution								
Chilled Wtr Pipe/Pump	100%			2049	* *	4	$4,300	
Terminal Devices								
Air Handler/Cool/Ht	40%			2031	* *	1	$14,400	
Fan Coil - Cool/Heat	60%	Now	$13,200	2031	* *	1	$10,100	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$40,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,400	
Exhaust Fans								
Interior	100%			2031	* *	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : There Is No City Water Supply, 3 Potable Water Tanks Instead								
Water Heater								
Gas Fired	100%			2022	$13,500	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	$16,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEW YORK HARBOR SCHOOL - M
Asset # : 14566

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2036	* *	1	$10,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **NEWTOWN HIGH SCHOOL - Q**		
Address	: **48-01 90TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q455**
Program / Asset #	: **BOE0879.000 / 1472**	**Yr Built/Renovated**	: **1922 / 2010**
Area Sq Ft	: **221,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Sep-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,twr**		
Block	: **1849** **Lot** : **1**	**BIN**	: **4045629**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$378,900	$997,300
Interior Architecture	$3,051,700	$316,200
Electrical	$1,020,800	$4,164,800
Mechanical	$159,600	$2,871,900
Total	**$4,611,000**	**$8,350,200**
Importance Code A	$463,000	$997,300
Importance Code B	$3,968,700	$7,280,400
Importance Code C	$179,300	$72,500
Total	**$4,611,000**	**$8,350,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$102,300	$14,800	$8,500	
Interior Architecture	$17,200	$4,500	$11,200	$24,200
Electrical	$16,000	$2,500	$3,200	$3,900
Mechanical	$83,600	$34,300	$49,400	$37,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$227,000**	**$63,900**	**$80,200**	**$73,900**
Importance Code A	$122,000	$34,500	$28,200	$19,700
Importance Code B	$99,400	$29,400	$52,000	$44,900
Importance Code C	$5,600			$9,300
Total	**$227,000**	**$63,900**	**$80,200**	**$73,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$200,000	
Copper/Terne	3%			2046	* *	10	$18,000	
Masonry: Brick	70%			LIFE	* *	5	$358,300	
Masonry: Granite	5%			LIFE	* *	5	$19,200	
Masonry: Limestone	7%			LIFE	* *	5	$26,900	
Metal Panel	10%			2036	* *	5-10	$176,000	
Windows								
Aluminum	25%			2034	* *	5	$16,900	
Aluminum	70%			2042	* *	5	$47,400	
Glass Block	5%			LIFE	* *	5	$4,200	
Parapets								
Masonry: Brick	20%			LIFE	* *	5-10	$28,500	
Masonry: Brick	22%			LIFE	* *	5-10	$31,400	
Masonry: Brick	40%			LIFE	* *	5-10	$57,000	
Masonry: Granite	3%			LIFE	* *	5-10	$8,600	
Masonry: Limestone	5%			LIFE	* *	5-10	$12,700	
Metal Rail	10%			2043	* *	5-10	$37,700	
Roof								
Built-Up (BUR)	40%			2034	* *	10	$75,000	
Built-Up (BUR)	7%	Now	$6,000	2026	$60,100			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Front Entrance								
Copper/Terne	3%			2061	* *	10	$14,100	
Copper/Terne	12%			2041	* *	10	$56,300	
IRMA/Protected Membrane	20%			2026	$299,100	10	$37,500	
Skylight, Metal/Glass	3%			2046	* *	10	$18,800	
Slate	15%			LIFE	* *	10	$28,100	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$14,900	
Quarry Tile	5%			2031	* *	5	$22,300	
Terrazzo	5%			LIFE	* *	5	$23,300	
Vinyl Tile	40%	Now	$1,012,300	2036	* *	3	$44,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Rooms And Corridors In 1922 And 1958 Wings								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Rooms And Corridors In 1930 Wing								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : 1922 And 1930 Wings								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2034	* *	3	$11,200	
Wood	20%			2041	* *	5	$111,600	
Wood	12%	Now	$1,178,000	2066	* *	5	$33,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Rooms In 1922/30 Wings								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Music Room, 1922/30 Wings								
Wood	3%			2061	* *	5	$16,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Music Room								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$18,600	
Masonry: Brick	5%			LIFE	* *	10	$5,600	
Plaster	25%			LIFE	* *	5-10	$79,000	
Plaster	3%			LIFE	* *	5-10	$9,500	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Music Room								
Plaster	37%			LIFE	* *	5-10	$116,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$46,500	
Ceilings								
AcousTile,Adhered	15%	Now	$415,100	2046	* *	5	$22,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Corridors At 1958 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridor At 1958 Wing								
AcousTileSusp.Lay-In	3%			2043	* *	5	$8,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Music Room								
Exposed Concrete	20%			LIFE	* *	5-10	$74,400	
Plaster	62%			LIFE	* *	5-10	$317,200	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$84,000	2056	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement / Electrical Room								
Explanation : No Available Nameplate Ratings; Obsolete Equipment								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$200	
Fused Knife Sw	80%	2-4	$391,000	2056	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$500	
Molded Case Bkrs	50%			2025	$239,200	5	$2,900	
Molded Case Bkrs	40%			2042	* *	5	$2,300	
Wiring								
Braided Cloth	70%	2-4	$545,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$184,200	5	$1,200	
Locally Mounted	20%			2039	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$2,142,600	10	$176,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$31,700	10	$100	
Incandescent	1%			2021	$22,100	2		
Egress Lighting								
Emergency, Battery	25%			2021	$67,100	10	$12,000	
Emergency, Battery	25%			2031	* *	10	$12,000	
Exit, Service	25%			2021	$13,400	1		
Exit, Service	25%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$834,700	10	$700	
Alarm								

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DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$24,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Manual Pull Stations, Strobe Lights, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$196,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$69,400	2036	* *	4	$9,800	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats And Steam Traps Throughout								
Terminal Devices								
Air Handler	20%			2026	$214,400	1	$24,600	
Convector/Radiator	60%	Now	$22,500	2024	$1,127,000	1	$34,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Fan Coil Unit/Heat	20%			2021	$595,500	1	$12,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$40,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$175,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q
Asset # : 1472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2026	$175,900	2	$4,900	
Roof	20%			2021	$31,600	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$11,900	2026	$593,900	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Hot Water Control Valves, Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Hot Water Pneumatic Control Valve, Boiler Room								
Water Heater								
Gas Fired	100%			2021	$46,300	2	$2,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2026	$19,300	1	$12,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-5 (1) B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$69,700	1-2	$1,700	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **NEWTOWN HIGH SCHOOL - Q FIELDHOUSE**
Address : **90-20 56 AVENUE**
Borough : **QUEENS**
Agency's Number : **Q455**
Program / Asset # : **BOE0879.010 / 13511**
Yr Built/Renovated : **1922 / 2003**
Area Sq Ft : **5,000**
Project Type : **EDUCATION**
Date of Survey : **16-Sep-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **1858** **Lot** : **1**
BIN : **4855698**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$219,700	
Interior Architecture	$126,500	$49,900
Electrical		$199,100
Mechanical		$178,700
Total	**$346,200**	**$427,600**
Importance Code A	$219,700	
Importance Code B	$49,900	$427,600
Importance Code C	$76,700	
Total	**$346,200**	**$427,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,000			
Interior Architecture	$75,500		$1,300	$300
Electrical	$100	$100	$100	$100
Mechanical	$8,300	$2,800	$6,200	$2,400
Total	**$121,900**	**$2,900**	**$7,600**	**$2,800**
Importance Code A	$39,800	$1,800	$1,800	$1,800
Importance Code B	$55,800	$1,100	$5,800	$1,000
Importance Code C	$26,300			
Total	**$121,900**	**$2,900**	**$7,600**	**$2,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$38,300	LIFE	* *	5	$12,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade And South Facades								
Masonry: Limestone	5%	Now	$7,300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Building Base								
Windows								
Aluminum	2%			2042	* *	5	$100	
Wood	98%	Now	$181,400	2051	* *	5	$32,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$29,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$5,900	
Roof								
Modified Bitumen	100%			2031	* *	10	$33,300	
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	$99,700	
Mosaic Tile	5%			2031	* *	5	$3,400	
Vinyl Tile	10%	Now	$22,800	2036	* *	3	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Office								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Office								
Interior Walls								
Cast in Place Concrete	45%			LIFE	* *	10	$76,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Concrete Masonry Unit	45%			LIFE	* *	5	$24,500	
Glass: Single Pane	5%	Now	$10,200	LIFE	* *	5	$2,600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Showers At Mens Lockers								
Gypsum Board	5%			LIFE	* *	5-10	$5,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$2,700	
Exposed Concrete	90%			LIFE	* *	5-10	$30,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Rated @ 125 Amperes.								
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5		
Molded Case Bkrs	90%			2034	* *	5	$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2026	$39,800	10	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office								
Explanation : Lamp T-8								
Incandescent	80%			2026	$159,300	2	$300	
Egress Lighting								
Exit, Service	100%			2026	$4,800	1		
Exterior Lighting								
HID	100%			2021	$18,900	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2026	$1,500	1	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$5,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NEWTOWN HIGH SCHOOL - Q FIELDHOUSE
Asset # : 13511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$17,800	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2026	$125,100	4	$1,300	
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$3,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,600	
No Component	90%							
Exhaust Fans								
Roof	10%			2021	$1,400	2	$100	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,400	2026	$53,500	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **NORMAN THOMAS HIGH SCHOOL - M**		
Address	: **111 E. 33 ST. PARK AVE. & 33 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M620**
Program / Asset #	: **BOE0144.000 / 539**	**Yr Built/Renovated**	: **1975 / 2001**
Area Sq Ft	: **314,752**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7,9,10**		
Block	: **889** **Lot** : **1**	**BIN**	: **1018491**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$969,200	$343,800
Interior Architecture	$1,963,500	$488,700
Electrical	$2,422,400	$7,819,600
Mechanical	$41,100	$5,592,100
Total	**$5,396,300**	**$14,244,200**
Importance Code A	$969,200	$427,800
Importance Code B	$3,799,100	$13,722,600
Importance Code C	$628,000	$93,800
Total	**$5,396,300**	**$14,244,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,400	$2,100		$100
Interior Architecture	$84,700			$39,300
Electrical	$42,300	$31,500	$44,100	$62,900
Mechanical	$126,000	$160,200	$134,400	$162,300
Elevators/Escalators	$93,700	$93,700	$93,700	$93,700
Total	**$359,000**	**$287,500**	**$272,100**	**$358,300**
Importance Code A	$21,700	$15,200	$9,300	$10,100
Importance Code B	$337,300	$272,300	$262,800	$348,200
Importance Code C				
Total	**$359,000**	**$287,500**	**$272,100**	**$358,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	$53,500	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Main Entry								
Masonry: Brick	92%			LIFE	* *	5	$326,000	
Metal Coiling Doors	1%	2-4	$10,100	2038	* *	5	$5,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Granite Panels	2%	0-2	$37,600	LIFE	* *	5	$5,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$156,300	2041	* *	5	$6,200	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$700	LIFE	* *	5	$400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%	Now	$1,600	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2045	* *	5	$100	
Metal Rail	35%			2038	* *	5-10	$3,500	
Roof								
IRMA/Protected Membrane	100%	Now	$721,800	2035	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs A & B, 10th Floor								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	2-4	$75,500	LIFE	* *	5	$158,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	2-4	$14,100	2034	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Cer/Brk	3%	2-4	$34,200	2041	* *	5	$16,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	2%	2-4	$13,900	2038	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	0-2	$22,500	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Near Room 121								
Vinyl Tile	65%	2-4	$267,600	2030	* *	3	$118,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$479,200	2053	* *	5	$45,400	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : 10th Floor Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : 10th Floor Gymnasium								
Interior Walls								
Ceramic Tile	5%	2-4	$71,900	2034	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$115,700	LIFE	* *	5	$20,800	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Auditorium Projection Room Window								
Explanation : Lintel Failure Suspected								
Folding Partition	2%	Now	$82,900	2041	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	60%	0-2	$125,400	LIFE	* *	5	$93,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	23%	Now	$232,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	60%	0-2	$270,200	2030	* *	5	$145,300	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	Now	$97,900	2038	* *	5	$12,100	
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Exposed Concrete	15%			LIFE	* *	5	$11,400	
Exposed Concrete	5%	Now	$97,400	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Electrical Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Plaster	15%	0-2	$47,700	LIFE	* *	5	$45,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Electrical Service Protectors No Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$488,700	5	$1,300	
Raceway								
Conduit	100%			2025	$578,000	1		
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$700	
Molded Case Bkrs	90%			2024	$430,500	5	$7,500	
Wiring								
Thermoplastic	100%			2025	$779,700	1		
Motor Controllers								
Locally Mounted	15%			2023	$34,500	5	$300	
Motor Control Center	85%			2023	$1,227,900	5	$7,300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$4,600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Water Main								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$96,800	
Generators								
Diesel	100%			2021	$121,400	1	$121,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room On Roof								
Explanation : One 275 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$11,700	
Fuel Storage								
Day Tank	50%			2024	$11,400	5	$29,200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 10 Gals								
Main Tank	50%			2028	* *	5	$4,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One 300 Gals								
Lighting								
Interior Lighting								
Fluorescent	87%			2025	$3,041,700	10	$251,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2025	$349,600	10	$28,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$50,200	10	$200	
Incandescent	1%			2020	$35,000	2	$100	
Egress Lighting								
Emergency, Service	40%			2025	$61,900	1		
Emergency, Battery	10%			2025	$42,500	10	$7,600	
Exit, Service	50%			2020	$42,500	1		
Exterior Lighting								
HID	100%			2020	$1,188,700	10	$1,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$285,700	1	$35,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$1,141,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Heat Exchanger	60%			2034	* *	1	$93,400	
Pres. Reducing Valve/LP Steam	40%			2028	* *	5	$7,500	
Distribution								
Hot Wtr Piping/Pump	60%			2033	* *	4	$14,000	
Steam Piping/Pump	40%			2035	* *	4	$6,200	
Terminal Devices								
Air Handler	45%			2025	$763,700	1	$87,600	
Convector/Radiator	10%			2030	* *	1	$10,200	
Fan Coil Unit/Heat	45%			2025	$2,120,800	1	$45,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Reheat Coils In The Ductwork								
Air Conditioning								
Energy Source								
Electricity	10%			2041	* *	1		
Steam/HW System	90%			2035	* *	1		
Conversion Equipment								
Absorption Chiller/Steam/HW	100%			2028	* *	1	$340,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 10th Floor Mechanical Equipment Room								
Explanation : Lithium Bromide Refrigerant								
Distribution								
Chilled Wtr Pipe/Pump	100%			2035	* *	4	$15,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	$1,337,000	1	$194,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	100%			2026	$903,500	2	$316,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 10th Floor Roof, 4 Of 4 Defective Cooling Tower Fan Variable Frequency Drives								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 10th Floor Roof								
Explanation : Equipment Recently Upgraded								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$175,500	
Exhaust Fans								
Interior	100%			2025	$347,900	2	$9,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2045	* *	4	$46,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-10, B-10								
Explanation : 2 Units - 1 Passenger, 1 Freight								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 For Each Floor								
Explanation : 22 Units								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$164,600	
Sprinkler								
No Component	30%							
Generic	70%			2035	* *	1-2	$61,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
NORMAN THOMAS HIGH SCHOOL - M
Asset # : 539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2028	* *	1	$58,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **OFFSITE EDUCATIONAL SERVICES -BX**
Address : **2007 MAPES AVE. @E. 178 ST.**
Borough : **BRONX**
Agency's Number : **X989**
Program / Asset # : **BOE1053.000 / 14268**
Yr Built/Renovated : **1997 /**
Area Sq Ft : **72,000**
Project Type : **EDUCATION**
Date of Survey : **11-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **3106** **Lot** : **28** **BIN** : **2012934**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$417,000	$197,700
Interior Architecture		$231,600
Electrical		$2,046,700
Mechanical		$282,400
Total	**$417,000**	**$2,758,300**
Importance Code A	$417,000	$232,900
Importance Code B		$2,479,400
Importance Code C		$46,000
Total	**$417,000**	**$2,758,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$57,000	$6,800
Interior Architecture	$60,700			$33,700
Electrical	$6,300	$6,700	$5,900	$5,400
Mechanical	$39,300	$7,300	$14,700	$8,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$110,300**	**$18,000**	**$81,600**	**$58,000**
Importance Code A	$3,600	$3,600	$60,700	$10,400
Importance Code B	$106,700	$14,400	$20,800	$47,600
Importance Code C				
Total	**$110,300**	**$18,000**	**$81,600**	**$58,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$121,700	
Metal Panel	10%			2044	* *	5-10	$104,600	
Window Wall	10%			2044	* *	5	$57,000	
Windows								
Aluminum	80%			2040	* *	5	$13,600	
Glass Block	20%			LIFE	* *	5	$2,100	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$6,500	
No Component	60%							
Roof								
Metal Panel	70%			2037	* *	10	$176,600	
Modified Bitumen	30%	0-2	$240,400	2034	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Over Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Office								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Over Office								
Interior								
Floors								
Carpet	10%			2023	$344,600	3	$54,000	
Cast in Place Concrete	20%			LIFE	* *	5	$118,100	
Terrazzo	10%			LIFE	* *	5	$21,100	
Vinyl Tile	60%			2029	* *	3	$81,000	
Interior Walls								
Glass: Single Pane	5%			LIFE	* *	5	$7,200	
Gypsum Board	40%			LIFE	* *	5	$46,000	
Masonry: Brick	55%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2037	* *	5	$54,000	
Exposed Struc: Steel	60%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Office								
Gypsum Board	20%			LIFE	* *	5	$67,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2024	$728,500	10	$52,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2024	$91,100	10	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Light Fixtures								
HID	10%			2024		10	$200	
Egress Lighting								
Exit, Service	50%			2024	$12,000	1		
Exit, Battery	50%			2024	$41,100	10	$2,400	
Exterior Lighting								
HID	100%			2024	$271,900	10	$200	
Alarm								
Security System								
No Component	50%							
Generic	50%			2024	$108,900	1	$13,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Entry And Exit Doors								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
Generic	100%			2024	$745,700	1-3	$44,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2044	* *	1		
Natural Gas	80%			2044	* *	1		
Conversion Equipment								
Furnace	40%			2024	$35,200	1	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Part Of The A C System								
Explanation : 2 Units								
Hot Water Boiler	60%			2029	* *	1	$21,400	
Other Observation, Extent : Light, Area Affected : 60%								
Location : 2nd Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	60%			2032	* *	4	$2,100	
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2037	* *	1	$14,000	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2024	$189,900	2	$1,800	
No Component	60%							
Terminal Devices								
Direct Expansion	20%			2024	$17,900	1		
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2029	* *	2	$10,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$31,100	LIFE	* *	2-5	$40,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Exhaust Fans								
Roof	100%			2024	$57,200	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2022	$11,200	4	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
OFFSITE EDUCATIONAL SERVICES -BX
Asset # : 14268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2029	* *	1	$4,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1, M								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 1 - BK**
Address : **309 47 STREET @THIRD AVE.**
Borough : **BROOKLYN**
Program / Asset # : **BOE0342.000 / 2682**
Area Sq Ft : **90,000**
Date of Survey : **14-Sep-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **755** **Lot** : **22**

Agency's Number : **K001**
Yr Built/Renovated : **1965 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3011821**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$811,500	$426,000
Interior Architecture	$316,600	$1,021,000
Electrical	$1,591,000	$810,500
Mechanical	$97,300	$247,600
Total	**$2,816,300**	**$2,505,200**
Importance Code A	$811,500	$444,500
Importance Code B	$1,889,000	$1,958,800
Importance Code C	$115,800	$101,800
Total	**$2,816,300**	**$2,505,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,100	$66,900		
Interior Architecture	$88,400		$2,600	$11,300
Electrical	$18,100	$68,900	$1,500	$2,000
Mechanical	$29,800	$49,800	$22,400	$13,800
Total	**$141,300**	**$185,600**	**$26,500**	**$27,200**
Importance Code A	$14,300	$76,300	$9,200	$9,200
Importance Code B	$116,800	$109,300	$17,300	$18,000
Importance Code C	$10,200			
Total	**$141,300**	**$185,600**	**$26,500**	**$27,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$41,800	LIFE	* *	5	$69,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	10%	Now	$5,100	LIFE	* *	5	$25,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : At Underside Of Overhang Near Water Main Room								
Windows								
Aluminum	100%	0-2	$723,900	2048	* *	5	$8,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Thermally Inefficient								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$5,700	
Metal Rail	10%			2028	* *	5-10	$22,800	
Metal: Cage/Fence	45%			2028	* *	5-10	$43,900	
Roof								
Built-Up (BUR)	20%			2023	$84,000	10	$18,300	
Paver: Asphalt	20%			2038	* *	10	$27,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roll Roofing	60%			2025	$227,000	5	$91,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$3,600	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	0-2	$4,000	2026	$80,800	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	2%	2-4	$82,500	2033	* *	5	$2,100	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	10%	Now	$118,200	2033	* *	3	$5,200	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : 1st Floor, 2nd Floor And 3rd Floor Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : 1st Floor, 2nd Floor And 3rd Floor Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : 1st Floor, 2nd Floor And 3rd Floor Corridors								
Vinyl Tile	55%			2023	$650,200	3	$38,200	
Vinyl Tile	15%			2028	* *	3	$7,800	
Wood	5%			2051	* *	5	$13,000	
Interior Walls								
Ceramic Tile	3%	Now	$10,200	2026	$101,800	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	4+	$54,600	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Plaster	62%	Now	$61,200	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$32,300	2028	* *	5	$17,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fiber Board	15%	Now	$6,800	2023	$136,100			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	60%	Now	$21,900	LIFE	* *	5	$52,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 327								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2031	* *	5	$100	
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	70%			2022	$125,600	5	$1,700	
Molded Case Bkrs	5%			2031	* *	5	$100	
Wiring								
Braided Cloth	70%	0-2	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$500	
Locally Mounted	20%	0-2	$15,100	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2018	$928,600	10	$76,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2028	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Explanation : T-5 Lamps								
HID	3%			2018	$22,200	10	$100	
Incandescent	2%			2018	$20,600	2		
Egress Lighting								
Emergency, Battery	50%			2018	$62,600	10	$11,200	
Exit, Service	50%			2018	$12,500	1		
Exterior Lighting								
HID	100%			2018	$339,900	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$279,700	1-3	$17,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$28,800	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$92,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,000	2033	* *	4	$4,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Piping System								
Terminal Devices								
Air Handler	15%			2023	$75,100	1	$8,600	
Convector/Radiator	80%			2028	* *	1	$24,000	
Fan Coil Unit/Heat	5%			2023	$69,500	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK

Asset # : 2682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	15%			2023	$64,300	2	$900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof Air Condenser Unit								
Window/Wall Unit	20%			2018	$38,200	1		
No Component	65%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2023	$38,600	1	$8,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	20%			2023	$20,500	2	$600	
Roof	80%	2-4	$59,100	2033	* *	2	$1,800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof Exhaust Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$21,600	2	$1,400	
HW Heat Exchanger								
Low Temp	100%	Now	$2,900	2033	* *	4	$9,200	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Hot Water Pumps Not Working, Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 1 - BK MINISCHOOL**				
Address	: **309 47 STREET @THIRD AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K881**
Program / Asset #	: **BOE0342.010 / 331**			**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **10,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **14-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **755**	**Lot**	: **22**	**BIN**	: **3011821**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$100,400	$57,100
Electrical		$223,200
Mechanical	$131,000	$54,800
Total	**$231,300**	**$335,200**
Importance Code A	$100,400	$57,100
Importance Code B	$131,000	$278,100
Total	**$231,300**	**$335,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,600			
Interior Architecture	$11,900		$1,800	
Electrical	$500	$600	$400	$500
Mechanical	$13,200	$1,100	$2,200	$1,100
Total	**$31,300**	**$1,700**	**$4,500**	**$1,700**
Importance Code A	$18,100	$500	$500	$500
Importance Code B	$13,200	$1,200	$4,000	$1,200
Importance Code C				
Total	**$31,300**	**$1,700**	**$4,500**	**$1,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$5,600	2033	* *	5	$29,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$100,400	2048	* *	5	$1,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Roof								
Metal Panel	100%			2036	* *	10	$57,100	
Interior								
Floors								
Ceramic Tile	3%			2026	$8,900	5	$500	
Vinyl Tile	97%			2028	* *	3	$5,500	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,700	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$11,900	2036	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5	$300	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Molded Case Bkrs	5%			2031	* *	5		
Molded Case Bkrs	95%			2031	* *	5	$300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$113,000	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$6,900	10	$1,200	
Exit, Service	50%			2023	$1,400	1		
Exterior Lighting								
HID	100%			2023	$37,800	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2023	$72,500	1-3	$4,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	100%	2-4	$12,400	2033	* *	1	$4,500	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Ceiling Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mechanical Room								
Explanation : One Unit Attached To A C Duct								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Terminal Devices								
Air Handler	100%			2023	$54,800	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2017	$131,000	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room, Internal Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,100	
No Component	80%							
Exhaust Fans								
Roof	20%			2023	$1,600	2	$100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BK MINISCHOOL

Asset # : 331

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%			2028	* *	1		
Water Heater								
Electric	100%			2021	$1,600	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 50 Gal. Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 1 - M**
Address : **8 HENRY STREET @CATHERINE ST.**
Borough : **MANHATTAN**
Agency's Number : **M001**
Program / Asset # : **BOE0001.000 / 456**
Yr Built/Renovated : **1898 / 2012**
Area Sq Ft : **73,000**
Project Type : **EDUCATION**
Date of Survey : **17-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **279** **Lot** : **40** **BIN** : **1003375**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,004,000	$257,700
Interior Architecture	$204,000	$59,700
Electrical	$380,000	$1,383,100
Mechanical	$216,100	$756,700
Total	**$1,804,100**	**$2,457,200**
Importance Code A	$1,004,000	$257,700
Importance Code B	$721,500	$2,199,500
Importance Code C	$78,600	
Total	**$1,804,100**	**$2,457,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,500		$53,500	
Interior Architecture	$33,400		$10,500	$11,200
Electrical	$24,300	$2,200	$14,600	$1,500
Mechanical	$30,000	$10,500	$16,500	$12,400
Total	**$109,200**	**$12,700**	**$95,200**	**$25,100**
Importance Code A	$28,900	$7,400	$61,100	$7,400
Importance Code B	$60,900	$5,300	$34,100	$17,700
Importance Code C	$19,300			
Total	**$109,200**	**$12,700**	**$95,200**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M

Asset # : 456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$76,300	
Masonry: Brick	80%	Now	$673,500	LIFE	* *	5	$111,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, Repointing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Along Oliver Street								
Masonry: Limestone	3%			LIFE	* *	5	$3,100	
Metal Panel	10%			2044	* *	5-10	$95,900	
Windows								
Aluminum	100%	0-2	$330,400	2040	* *	5	$19,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Roof								
Built-Up (BUR)	65%			2029	* *	10	$25,400	
Metal Panel	30%			2037	* *	10	$21,500	
Modified Bitumen	5%			2029	* *	10	$2,000	
Interior								
Floors								
Ceramic Tile	5%			2027	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	80%			2029	* *	3	$45,000	
Recent Replace Evident, Extent : Light, Area Affected : 98%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Mdf Room								
Explanation : 9x9 Units								
Wood	10%			2039	* *	5	$21,100	
Interior Walls								
Ceramic Tile	5%	0-2	$19,300	2033	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Girls Bathroom On 5th Floor								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%	4+	$78,600	LIFE	* *	5	$29,400	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Auditorium, Stairwells								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	$28,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M

Asset # : 456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,600	
Plaster	85%	4+	$125,400	LIFE	* *	5	$59,700	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Cafeteria								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$300	
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	20%			2023	$26,900	5	$400	
Molded Case Bkrs	65%			2049	* *	5	$1,300	
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	20%			2054	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Locally Mounted	60%			2022	$45,300	5	$300	
Locally Mounted	30%	2-4	$22,700	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M

Asset # : 456

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2024	$775,700	10	$64,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2034	* *	10	$3,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Various Area								
HID	2%			2019	$12,000	10		
Egress Lighting								
Emergency, Battery	50%			2024	$50,600	10	$9,100	
Exit, Service	50%			2024	$10,100	1		
Exterior Lighting								
HID	100%			2019	$275,700	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$264,600	1-3	$15,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2024	$419,400	4	$3,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Steam And Condesate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	20%			2044	* *	4	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M

Asset # : 456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2019	$40,500	1	$4,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Fan Room Adjacent To The Cafeteria, Multiple Mechanical Deficiencies								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Fan Room Adjacent To The Cafeteria, The Auditorium Blower Is Beyond It's Useful Life Cycle Limit								
Convector/Radiator	60%			2029	* *	1	$14,600	
Fan Coil Unit/Heat	30%			2024	$337,300	1	$7,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Cafeteria, Gymnasium And Vestibule								
Explanation : Steam Sourced Unit Heater								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$18,500	2019	$92,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms And Offices, Multiple Mechanical And Or Electrical Deficiencies								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,900	
Exhaust Fans								
Interior	100%			2019	$83,000	2	$2,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Penthhouse Fan Rooms, Defective Exhaust Fan Motors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Fan Rooms, The Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$17,500	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Are Beyond Their Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - M

Asset # : 456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$900	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Back Flow Preventer Serves Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 1 - SI**
Address : **58 SUMMIT STREET @ YETMAN AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R001**
Program / Asset # : **BOE0898.000 / 1464**
Yr Built/Renovated : **1907 / 2006**
Area Sq Ft : **43,230**
Project Type : **EDUCATION**
Date of Survey : **18-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7898** **Lot** : **1**
BIN : **5107854**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$223,100	$73,900
Interior Architecture	$113,200	$311,200
Electrical		$1,132,400
Mechanical		$101,900
Total	**$336,200**	**$1,619,500**
Importance Code A	$223,100	$73,900
Importance Code B	$113,200	$1,545,500
Total	**$336,200**	**$1,619,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$38,900	$11,200
Interior Architecture	$15,000	$6,600	$17,300	
Electrical	$24,100	$2,000	$26,200	$1,200
Mechanical	$24,700	$7,400	$68,300	$8,200
Total	**$63,700**	**$16,100**	**$150,700**	**$20,700**
Importance Code A	$4,400	$4,400	$43,400	$15,600
Importance Code B	$46,000	$9,600	$107,300	$5,100
Importance Code C	$13,300	$2,100		
Total	**$63,700**	**$16,100**	**$150,700**	**$20,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$223,100	LIFE	* *	5	$73,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2040	* *	5	$22,400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$5,800	
Metal Rail	15%			2029	* *	5-10	$19,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	97%			2029	* *	10	$26,900	
Copper/Terne	3%			2052	* *	10	$2,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,300	
Ceramic Tile	5%			2027	* *	5	$3,300	
Vinyl Tile	55%			2024	$311,200	3	$13,700	
Vinyl Tile	20%			2019	$113,200	3	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	15%			2039	* *	5	$18,700	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$4,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,300	
Masonry: Brick	15%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$9,900	
Plaster	20%	Now	$13,300	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms Along North Facade, Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms Along North Facade, Bathroom								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2029	* *	5	$12,500	
Exposed Concrete	5%			LIFE	* *	5	$500	
Plaster	80%			LIFE	* *	5	$33,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$122,200	5	$200	
Raceway								
Conduit	95%			2024	$66,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	95%			2023	$99,400	5	$1,100	
Wiring								
Braided Cloth	25%	2-4	$22,800	2049	* *	1		
Insulation Aged, Extent : Light, Area Affected : 20%								
Location : Throughout								
Thermoplastic	70%			2034	* *	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	80%			2024	$395,100	10	$32,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%			2024	$74,100	10	$6,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Incandescent	5%			2019	$24,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$30,000	10	$5,400	
Exit, Service	50%			2024	$6,000	1		
Exterior Lighting								
HID	100%			2024	$163,300	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$39,200	1	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$134,300	1-3	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$44,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,500	2044	* *	4	$2,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	10%			2019	$24,000	1	$2,800	
Convector/Radiator	80%			2029	* *	1	$11,500	
Fan Coil Unit/Heat	10%			2024	$66,600	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$13,700	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,800	
Exhaust Fans								
Roof	100%	Now	$1,800	2024	$35,400	2	$1,100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$10,300	2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI

Asset # : 1464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2044	* *	1-2	$2,500	
Chemical System								
Dry	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Hdr-25 Dc								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 1 - SI ANNEX**
Address : **58 SUMMIT STREET @YETMAN AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0898.010 / 2946**
Area Sq Ft : **23,300**
Date of Survey : **18-Jan-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **7898** **Lot** : **1**

Agency's Number : **R802**
Yr Built/Renovated : **1878 / 2002**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5107854**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$175,700	$37,900
Interior Architecture	$527,700	$165,600
Electrical	$274,200	$234,300
Mechanical		$393,700
Total	**$977,600**	**$831,500**
Importance Code A	$175,700	$37,900
Importance Code B	$648,800	$704,300
Importance Code C	$153,100	$89,300
Total	**$977,600**	**$831,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,900			$5,000
Interior Architecture		$2,000		
Electrical	$700	$800	$25,400	$1,000
Mechanical	$3,200	$9,100	$11,400	$2,200
Total	**$41,800**	**$11,900**	**$36,900**	**$8,200**
Importance Code A	$37,900		$100	$5,000
Importance Code B	$3,900	$11,900	$36,800	$3,100
Importance Code C				
Total	**$41,800**	**$11,900**	**$36,900**	**$8,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$102,900	LIFE	* *	5	$24,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	87%			LIFE	* *	5	$27,500	
Masonry: Sandstone	3%	Now	$72,800	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	100%			2040	* *	5	$10,100	
Parapets								
Wood Cornice	100%	Now	$33,800	2044	* *	5	$37,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	100%			2027	* *	10	$4,200	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$1,800	
Vinyl Tile	25%			2024	$76,300	3	$3,400	
Wood	70%	Now	$248,500	2052	* *	5	$23,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout Gymnasium 1st And 2nd Floors								
Interior Walls								
Plaster	50%	Now	$53,800	LIFE	* *	5	$6,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Floors 1 And 2 Along Brighton Street Side								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Floors 1 And 2								
Wood	50%	Now	$99,400	LIFE	* *	5	$89,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
Embossed Metal	100%	Now	$126,100	LIFE	* *	5	$16,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$600	
Wiring								
Braided Cloth	60%	0-2	$39,900	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2044	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	88%			2019	$234,300	10	$19,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2024	$26,600	10	$2,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2019	$5,300	2		
Egress Lighting								
Emergency, Battery	50%			2024	$16,200	10	$2,900	
Exit, Service	50%			2024	$3,200	1		
Exterior Lighting								
HID	100%			2024	$88,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$21,100	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$72,400	1-3	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - SI ANNEX

Asset # : 2946

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2024	$167,300	4	$1,200	
Terminal Devices								
Convector/Radiator	100%			2022	$226,400	1	$7,700	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2022	$2,500	1		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2044	* *	1		
Galv Iron/Steel	60%			2029	* *	1		
Water Heater								
Electric	100%			2019	$3,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$300	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 2 - M**		
Address	**: 122 HENRY STREET @ PIKE ST.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M002**
Program / Asset #	**: BOE0002.000 / 457**	**Yr Built/Renovated**	**: 1958 / 2008**
Area Sq Ft	**: 91,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 15-Nov-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 273 Lot : 1**	**BIN**	**: 1003248**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$96,800	$130,600
Interior Architecture	$475,200	$821,600
Electrical	$191,600	$691,200
Mechanical	$115,100	$258,700
Total	**$878,800**	**$1,902,100**
Importance Code A	$96,800	$130,600
Importance Code B	$782,000	$1,771,500
Total	**$878,800**	**$1,902,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$4,900	$15,800	
Interior Architecture	$11,500	$15,600		$7,300
Electrical	$3,400	$12,900	$3,400	$3,200
Mechanical	$14,200	$3,900	$12,600	$3,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$33,100**	**$41,300**	**$35,800**	**$18,300**
Importance Code A		$4,900	$16,000	
Importance Code B	$31,000	$36,400	$19,800	$18,300
Importance Code C	$2,100			
Total	**$33,100**	**$41,300**	**$35,800**	**$18,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$39,800	
Masonry: Brick	60%			LIFE	* *	5	$51,000	
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Wall								
Metal/Glass Curt Wall	25%			LIFE	* *	5	$39,800	
Stucco Cement	5%			2036	* *	5	$10,600	
Windows								
Aluminum	100%			2039	* *	5	$31,600	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$15,300	
Metal: Cage/Fence	10%			2036	* *	5-10	$13,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,600	
Roof								
Built-Up (BUR)	98%			2028	* *	10	$96,800	
Copper/Terne	2%			2038	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Ceramic Tile	3%			2032	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	42%			2023	$499,000	3	$29,300	
Vinyl Tile	40%			2018	$475,200	3	$21,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$13,100	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$4,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$25,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2021	$322,600	5	$34,700	
AcousTileSusp.Lay-In	3%			2028	* *	5	$4,200	
Exposed Concrete	60%			LIFE	* *	5	$13,000	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$8,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Bolted Pressure Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$9,000	5	$100	
Molded Case Bkrs	70%			2022	$125,600	5	$1,700	
Molded Case Bkrs	25%			2045	* *	5	$600	
Wiring								
Braided Cloth	75%	2-4	$191,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$83,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2023	$7,500	10		
Incandescent	1%			2018	$10,400	2		
Egress Lighting								
Emergency, Battery	25%			2031	* *	10	$5,600	
Exit, Service	75%			2031	* *	1		
Exterior Lighting								
HID	100%			2023	$343,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$16,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam Supplied By Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2036	* *	5	$5,500	
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,900	
Terminal Devices								
Air Handler	30%			2023	$151,000	1	$17,300	
Convector/Radiator	70%			2028	* *	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$115,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	30%			2023	$31,000	2	$900	
Roof	70%			2023	$51,900	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%	2-4	$2,800	2021	$55,800	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - M

Asset # : 457

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-3							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 2 - Q**
Address : **75-10 21 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0670.000 / 313**
Area Sq Ft : **62,000**
Date of Survey : **28-Dec-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **971** **Lot** : **1**

Agency's Number : **Q002**
Yr Built/Renovated : **1936 / 2009**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4021375**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$207,000	$49,200
Interior Architecture	$153,400	$340,000
Electrical	$234,200	$1,530,000
Mechanical	$63,300	$102,900
Total	**$657,900**	**$2,022,000**
Importance Code A	$207,000	$86,200
Importance Code B	$297,400	$1,935,800
Importance Code C	$153,400	
Total	**$657,900**	**$2,022,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900			$10,500
Interior Architecture	$15,700	$9,800	$16,500	$3,600
Electrical	$28,900	$2,800	$26,700	$1,800
Mechanical	$20,100	$11,500	$16,700	$10,100
Total	**$99,600**	**$24,100**	**$59,900**	**$25,900**
Importance Code A	$40,800	$6,000	$6,100	$16,400
Importance Code B	$51,000	$15,700	$53,800	$9,400
Importance Code C	$7,700	$2,400		
Total	**$99,600**	**$24,100**	**$59,900**	**$25,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$148,500	LIFE	* *	5	$49,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Foundation Wall At Basement								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Open Joints At Junction Of 1935/1948 Wings Facing Schoolyard								
Masonry: Granite	5%			LIFE	* *	5	$2,200	
Masonry: Limestone	5%	Now	$15,800	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Horizontal Bands At Junction Of 1935/48 Wings								
Stucco Cement	5%			2037	* *	5	$7,200	
Windows								
Aluminum	97%			2040	* *	5	$20,900	
Glass Block	3%			LIFE	* *	5	$400	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,000	
Masonry: Limestone	10%	Now	$6,400	LIFE	* *	5	$1,500	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Coping								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Cornice								
Roof								
Built-Up (BUR)	95%	Now	$58,600	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Over Third Floor Hallway								
Copper/Terne	5%	Now	$9,000	2052	* *			1
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Over Stair C								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$31,200	
Ceramic Tile	5%			2033	* *	5	$4,800	
Terrazzo	3%			LIFE	* *	5	$2,200	
Vinyl Tile	30%			2029	* *	3	$14,300	
Vinyl Tile	42%			2024	$340,000	3	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Tiles								
Wood	5%			2052	* *	5	$8,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$60,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Electrical Room								
Ceramic Tile	5%			2033	* *	5	$4,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$5,800	
Marble Panels	5%			LIFE	* *			
Plaster	5%	Now	$7,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair C Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair C								
Plaster	35%			LIFE	* *	5	$10,100	
SGFT/Glazed Masonry	25%	Now	$92,800	LIFE	* *			
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Corridors, Stairs								
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$23,600	
AcousTileSusp.Lay-In	10%			2029	* *	5	$9,500	
Exposed Concrete	25%			LIFE	* *	5	$3,700	
Plaster	40%			LIFE	* *	5	$23,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Room 328 And Various Others On Third Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$117,300	5	$200	
Fused Disc Sw	20%			2034	* *	5	$100	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Fused Disc Sw	5%			2023	$6,700	5	$100	
Molded Case Bkrs	15%			2032	* *	5	$200	
Molded Case Bkrs	75%			2023	$100,900	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	$17,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2024	$104,300	1		
Thermoplastic	30%			2034	* *	1		
Motor Controllers								
Locally Mounted	30%			2022	$22,700	5	$100	
Locally Mounted	70%			2029	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	66%			2024	$466,300	10	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Offices								
Explanation : Using T-12 Lamps								
Fluorescent	30%			2024	$211,900	10	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Corridors								
Explanation : Using T-8 Lamps								
HID	2%			2019	$10,200	10		
Incandescent	2%			2019	$14,100	2		
Egress Lighting								
Emergency, Battery	50%			2024	$42,900	10	$7,700	
Exit, Service	50%			2024	$8,600	1		
Exterior Lighting								
HID	100%			2019	$234,200	10	$200	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$46,900	1	$5,800	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$224,800	1-3	$13,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2044	* *	1		
Interruptible Gas/Dual Fuel	90%			2044	* *	1		
Conversion Equipment								
Furnace	10%			2029	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof Mounted Units								
Explanation : 7 Units								
Steam Boiler	90%			2037	* *	1	$56,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%			2034	* *	4	$4,200	
No Component	10%							
Terminal Devices								
Air Handler	30%			2024	$102,900	1	$11,800	
Convector/Radiator	70%			2029	* *	1	$14,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2029	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Units								
Window/Wall Unit	20%			2022	$26,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,500	
Exhaust Fans								
Interior	90%			2019	$63,300	2	$1,800	
Roof	10%			2024	$5,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2044	* *	1		
Galv Iron/Steel	95%	Now	$9,000	2037	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main Shut Off Valve, And Sprinkler Shut Off Valve								
Water Heater								
Gas Fired	100%			2022	$14,800	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - Q

Asset # : 313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Mechanical Room Only								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul System								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 3 - BK**
Address : **50 JEFFERSON AVE. BTWN: FRANKLIN AVE., BEDFORD AVE**
Borough : **BROOKLYN**
Agency's Number : **K003**
Program / Asset # : **BOE0343.000 / 2521**
Yr Built/Renovated : **1950 / 2013**
Area Sq Ft : **84,000**
Project Type : **EDUCATION**
Date of Survey : **20-Sep-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1998** **Lot** : **1** **BIN** : **3057406**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$147,400
Interior Architecture	$835,300	$87,200
Electrical	$204,400	$2,043,200
Mechanical	$70,900	$1,056,700
Total	**$1,110,600**	**$3,334,500**
Importance Code A		$147,400
Importance Code B	$1,058,900	$3,187,100
Importance Code C	$51,800	
Total	**$1,110,600**	**$3,334,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$142,700			$17,300
Electrical	$9,600	$900	$1,300	$10,600
Mechanical	$38,000	$12,700	$20,200	$26,000
Total	**$190,400**	**$13,600**	**$21,500**	**$53,900**
Importance Code A	$8,500	$8,500	$8,500	$8,700
Importance Code B	$163,900	$5,000	$13,000	$45,200
Importance Code C	$17,900			
Total	**$190,400**	**$13,600**	**$21,500**	**$53,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$74,500	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Windows								
Aluminum	100%			2041	* *	5	$29,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,900	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Limestone	10%			LIFE	* *	5	$2,100	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Roof								
Copper/Terne	5%			2065	* *	10	$11,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Metal Panel	15%			2045	* *	10	$25,100	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Modified Bitumen	80%			2035	* *	10	$72,900	
Recent Installation, Extent : Light, Area Affected : 100% *Location : Throughout*								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$20,100	LIFE	* *	5	$42,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$25,000	2028	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	0-2	$30,000	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	Now	$32,900	2030	* *	3	$14,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$170,500	2020	$568,300	3	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	5%			2040	* *	5	$12,100	
Interior Walls								
Ceramic Tile	5%	0-2	$17,900	2028	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,600	
Marble Panels	5%	0-2	$51,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	50%			LIFE	* *	5	$19,500	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2045	* *	5	$25,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTile,Adhered	50%			2030	* *	5	$64,100	
Exposed Concrete	20%			LIFE	* *	5	$4,000	
Plaster	10%	2-4	$16,800	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	20%			2045	* *	1		
Conduit	80%			2025	$138,100	1		
Panelboards								
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	65%			2024	$116,600	5	$1,400	
Molded Case Bkrs	30%			2041	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	99%			2025	$947,600	10	$78,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	1%			2020	$9,600	2		
Egress Lighting								
Emergency, Battery	50%			2025	$58,100	10	$10,400	
Exit, Service	50%			2025	$11,600	1		
Exterior Lighting								
HID	100%			2025	$317,200	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$50,800	1	$6,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$261,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$26,700	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$85,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,000	2025	$601,600	4	$4,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Return Pipe, Boiler Room								
Terminal Devices								
Air Handler	50%			2025	$232,300	1	$26,600	
Convector/Radiator	50%			2030	* *	1	$13,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$7,100	2020	$70,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms - Multiple Defects								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	100%			2025	$95,200	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$77,200	1		
Water Heater								
Gas Fired	100%			2023	$20,000	2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - BK

Asset # : 2521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$3,700	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Basement Boiler Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$50,300	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 3 - M**
Address : **490 HUDSON STREET BTWN: GROVE ST., CHRISTOPHER S**
Borough : **MANHATTAN**
Agency's Number : **M003**
Program / Asset # : **BOE0003.000 / 458**
Yr Built/Renovated : **1905 / 2011**
Area Sq Ft : **101,000**
Project Type : **EDUCATION**
Date of Survey : **25-Apr-2014**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **585** **Lot** : **41** **BIN** : **1009872**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$690,200
Interior Architecture	$849,400	$116,400
Electrical	$301,700	$742,900
Mechanical	$226,300	$1,032,600
Total	**$1,377,300**	**$2,582,200**
Importance Code A		$713,200
Importance Code B	$857,100	$1,825,400
Importance Code C	$520,200	$43,600
Total	**$1,377,300**	**$2,582,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$35,300
Interior Architecture	$9,700		$3,900	$33,400
Electrical	$400	$300	$900	$31,100
Mechanical	$18,400	$22,400	$26,500	$79,800
Total	**$28,500**	**$22,800**	**$31,300**	**$179,700**
Importance Code A	$10,300	$10,300	$10,300	$45,700
Importance Code B	$18,200	$12,500	$21,000	$134,000
Importance Code C				
Total	**$28,500**	**$22,800**	**$31,300**	**$179,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2060	* *	10	$22,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$144,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$21,700	
Granite Panels	5%			LIFE	* *	5	$7,200	
Windows								
Wood	100%			2041	* *	5	$545,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	5%			2060	* *	5	$3,400	
Masonry: Brick	45%			LIFE	* *	5	$6,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Upper Roof								
Metal Panel	40%			2045	* *	5	$21,900	
Roof								
Built-Up (BUR)	57%			2035	* *	10	$30,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Copper/Terne	3%			2065	* *	10	$4,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panel/Paver: Cer/Brk	30%			2045	* *	10	$21,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Slate	10%			LIFE	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,000	
Ceramic Tile	5%			2034	* *	5	$7,800	
Quarry Tile	5%			2045	* *	5	$11,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$3,600	
Vinyl Tile	17%	Now	$245,500	2035	* *	3	$9,900	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Abatement And Replacement In Progress								
Vinyl Tile	50%			2035	* *	3	$38,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	10%			2065	* *	5	$29,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	15%	Now	$437,800	2028	* *	5	$14,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%	Now	$82,500	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : South Wall In Basement								
Plaster	75%			LIFE	* *	5	$43,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$4,900	
Gypsum Board	5%			LIFE	* *	5	$9,700	
Plaster	75%	Now	$83,600	LIFE	* *	5	$72,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout School								
Explanation : Abatement And Replacement In Progress								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$23,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$149,500	5	$300	
Fused Disc Sw	30%			2051	* *	5	$100	
Raceway								
Conduit	80%			2025	$182,300	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,800	5	$100	
Molded Case Bkrs	65%			2024	$127,400	5	$1,700	
Molded Case Bkrs	30%			2047	* *	5	$800	
Wiring								
Thermoplastic	80%			2025	$260,800	1		
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$700	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$91,500	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2030	* *	10	$1,900	
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	2%			2020	$18,100	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$12,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	50%			2020	$208,300	10	$200	
HID	50%			2033	* *	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$102,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$39,600	2035	* *	4	$5,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vaccum Pump Return Line, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%			2020	$61,200	1	$6,400	
Convector/Radiator	90%			2023	$964,800	1	$30,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$23,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,900	
Exhaust Fans								
Interior	100%	Now	$125,500	2035	* *	2	$2,500	
Abandoned in Place, Extent : Severe, Area Affected : 90%								
Location : Basement								
Not in Service, Extent : Severe, Area Affected : 90%								
Location : Basement								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - M

Asset # : 458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$67,800	1		
Water Heater								
Gas Fired	100%			2020	$26,400	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 225 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2020	$12,100	4	$1,600	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$600	
Chemical System								
Generic	100%			2024	$28,500	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 3 - SI**				
Address	: **80 SOUTH GOFF AVENUE @ LATOURETTE ST.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R003**
Program / Asset #	: **BOE0900.000 / 1466**			**Yr Built/Renovated**	: **1959 / 2013**
Area Sq Ft	: **69,808**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Apr-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**				
Block	: **6796**	**Lot**	: **44**	**BIN**	: **5083311**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$772,000	$165,300
Interior Architecture	$618,200	$70,400
Electrical	$411,400	$1,055,800
Mechanical	$70,100	$275,400
Total	**$1,871,800**	**$1,566,900**
Importance Code A	$842,100	$202,300
Importance Code B	$992,700	$1,364,600
Importance Code C	$36,900	
Total	**$1,871,800**	**$1,566,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,600			
Interior Architecture	$175,000		$4,000	$8,100
Electrical	$2,300	$2,300	$47,500	$2,200
Mechanical	$41,900	$11,700	$28,500	$12,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$229,800**	**$18,000**	**$84,000**	**$26,800**
Importance Code A	$6,600	$7,100	$7,300	$7,100
Importance Code B	$150,900	$10,900	$76,700	$19,700
Importance Code C	$72,300			
Total	**$229,800**	**$18,000**	**$84,000**	**$26,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$79,500	LIFE	* *	5	$13,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	$4,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	35%	Now	$6,600	2034	* *	5	$17,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	15%			2046	* *	5	$1,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Steel	85%	2-4	$396,700	2049	* *	5	$47,500	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$2,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	85%			2037	* *	5-10	$299,900	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$113,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Single Ply Membrane	20%			2032	* *	10	$28,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$104,500	2039	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	40%	Now	$110,000	2019	$366,800	3	$16,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%			2029	* *	3	$10,800	
Vinyl Tile	30%			2034	* *	3	$12,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%	4+	$17,800	2039	* *	5	$5,100	
Deteriorated Finish, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$26,300	2027	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	15%	0-2	$15,900	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	0-2	$18,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	0-2	$11,500	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
SGFT/Glazed Masonry	20%	0-2	$36,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$21,800	2029	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	0-2	$8,700	2041	* *	5	$10,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fiber Board	10%	0-2	$3,500	2024	$70,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	15%	0-2	$27,000	LIFE	* *	5	$20,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	30%	0-2	$21,200	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$132,000	5	$300	
Fused Disc Sw	10%			2044	* *	5		
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	75%			2023	$100,900	5	$1,400	
Molded Case Bkrs	15%			2040	* *	5	$300	
Wiring								
Braided Cloth	85%	2-4	$147,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	15%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$68,000	5	$400	
Locally Mounted	10%			2037	* *	5		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$19,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	70%			2024	$560,200	10	$46,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	45%			2019	$15,900	1		
Emergency, Battery	5%			2029	* *	10	$900	
Exit, Service	5%			2029	* *	1		
Exit, Service	45%			2019	$8,700	1		
Exterior Lighting								
HID	100%			2019	$263,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$22,300	
Conversion Equipment								
Steam Boiler	100%	Now	$70,100	2037	* *	1	$64,200	
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Burners								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,200	2034	* *	4	$3,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2024	$116,500	1	$13,400	
Convector/Radiator	70%			2029	* *	1	$16,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2024	$118,800	2	$1,100	
Window/Wall Unit	5%			2022	$7,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,200	
Exhaust Fans								
Interior	30%			2024	$23,900	2	$700	
Roof	70%	Now	$12,000	2024	$40,100	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$16,800	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$6,800	1	$4,300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement:1st Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 3 - SI

Asset # : 1466

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 4 - M**
Address : **500 WEST 160 STREET @ AMSTERDAM AVE**
Borough : **MANHATTAN**
Agency's Number : **M004**
Program / Asset # : **BOE0961.000 / 4467**
Yr Built/Renovated : **1995 /**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **09-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2118** **Lot** : **22**
BIN : **1062792**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,427,800	$61,000
Interior Architecture		$53,600
Electrical		$326,000
Mechanical		$868,900
Total	**$1,427,800**	**$1,309,500**
Importance Code A	$1,427,800	$61,000
Importance Code B		$1,248,400
Total	**$1,427,800**	**$1,309,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,000			
Interior Architecture	$122,700		$24,800	$5,400
Electrical	$21,600	$5,400	$5,600	$5,400
Mechanical	$49,000	$34,600	$23,000	$26,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$204,200**	**$44,000**	**$57,300**	**$41,500**
Importance Code A	$13,900	$6,900	$6,900	$6,900
Importance Code B	$161,600	$37,000	$50,400	$34,500
Importance Code C	$28,700			
Total	**$204,200**	**$44,000**	**$57,300**	**$41,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$552,600	LIFE	* *	5	$61,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	15%	Now	$93,600	2039	* *	5	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$86,900	2042	* *	5	$10,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$500	
Metal Louvers	3%			2035	* *	10	$4,100	
Parapets								
Masonry: Brick	70%	Now	$44,400	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Rail	15%	Now	$2,900	2039	* *	5	$3,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	3%	Now	$400	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	12%	Now	$3,400	2039	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	75%	Now	$480,300	2031	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Insul Deter/Miss, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	25%	Now	$169,900	2039	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Carpet	5%	Now	$6,800	2025	$68,400	3	$8,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *	5	$46,900	
Ceramic Tile	5%			2035	* *	5	$5,400	
Vinyl Tile	70%			2031	* *	3	$28,100	
Wood	10%			2054	* *	5	$20,100	
Interior Walls								
Concrete Masonry Unit	50%	Now	$15,500	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	2%			LIFE	* *	10	$200	
Gypsum Board	10%			LIFE	* *	5-10	$4,800	
Masonry: Brick	5%			LIFE	* *	10	$400	
SGFT/Glazed Masonry	28%			LIFE	* *	10	$3,900	
Wood	5%			LIFE	* *	5	$11,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$24,900	2039	* *	5	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	10%	Now	$8,700	2039	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2039	* *	5	$10,700	
Exposed Struc: Steel	10%			LIFE	* *	10	$21,400	
Fiber Board	5%			2031	* *			
Gypsum Board	40%	Now	$8,700	LIFE	* *	5	$53,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps And 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$21,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	$27,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 251 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$15,600	
Fuel Storage								
Day Tank	50%			2042	* *	5	$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 40 Gals								
Day Tank	50%			2042	* *	5	$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$61,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	* *	10	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	2%			2031	* *	10		
Incandescent	2%			2026	$15,600	2		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$264,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$9,800	2036	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	50%			2026	$188,700	1	$21,600	
Convector/Radiator	50%			2031	* *	1	$11,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2026	$323,100	2	$4,300	
Terminal Devices								
Direct Expansion	100%			2026	$217,200	1		
Heat Rejection								
Air Condenser Unit	100%			2026	$139,800	2	$48,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,800	
Exhaust Fans								
Interior	100%			2031	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Triplex Pumps In Basement								
Water Heater								
Electric	5%			2024	$500	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Electric Unit Used As Back Up								
Gas Fired	95%			2024	$15,500	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallon Storage Tank								

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DEPARTMENT OF EDUCATION - 040

P. S. 4 - M

Asset # : 4467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	$10,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$200	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Float Controls								
Backflow Preventer								
Generic	100%			2026	$6,800	1	$4,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$35,300	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$2,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 4 - SI**				
Address	: **200 NEDRA LANE @ ARDEN AVE**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R004**	
Program / Asset #	: **BOE0901.000 / 1467**		**Yr Built/Renovated**	: **1984 / 2000**	
Area Sq Ft	: **133,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **05-Mar-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **6025**	**Lot** : **30**	**BIN**	: **5079499**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$825,300	$186,900
Interior Architecture	$687,900	$89,800
Electrical	$482,100	$2,187,200
Mechanical	$446,300	$855,400
Total	**$2,441,600**	**$3,319,300**
Importance Code A	$825,300	$186,900
Importance Code B	$1,189,600	$3,132,400
Importance Code C	$426,800	
Total	**$2,441,600**	**$3,319,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$10,700
Interior Architecture	$91,400	$18,200		$32,500
Electrical	$1,500	$3,200	$1,500	$4,300
Mechanical	$43,800	$28,000	$51,000	$100,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$140,600**	**$53,300**	**$56,500**	**$151,700**
Importance Code A	$13,600	$13,600	$13,600	$25,300
Importance Code B	$62,400	$21,500	$42,900	$126,400
Importance Code C	$64,600	$18,200		
Total	**$140,600**	**$53,300**	**$56,500**	**$151,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	55%	0-2	$257,500	LIFE	* *	5	$39,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2045	* *	5-10	$39,100	
Pre-Cast Concrete	40%	0-2	$75,200	LIFE	* *	5	$147,800	
Expansion Jnt Failure, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$214,000	2041	* *	5	$12,800	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$11,700	
No Component	80%							
Roof								
IRMA/Protected Membrane	40%	0-2	$129,600	2030	* *			
Insul Miss/Displaced, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : At Bulkhead								
Metal Panel	60%			2038	* *	10	$149,000	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$5,300	LIFE	* *	5	$22,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	0-2	$10,000	2034	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	1%			2030	* *	5	$3,100	
Terrazzo	1%			LIFE	* *	5	$1,600	
Vinyl Tile	83%	0-2	$72,500	2030	* *	3	$63,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2040	* *	5	$19,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	4+	$11,500	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Boiler Room, Basement								
Ceramic Tile	5%	2-4	$250,800	2040	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Folding Partition	8%			2033	* *	5	$36,400	
Metal Panel	22%	2-4	$27,600	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	35%	0-2	$25,500	LIFE	* *	5	$19,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$176,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%	0-2	$11,500	2030	* *	5	$30,800	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Plaster	70%	Now	$188,600	LIFE	* *	5	$89,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Molded Case Bkrs	50%			2035	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$600	
Raceway								
Conduit	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$200	
Molded Case Bkrs	95%			2033	* *	5	$3,300	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	20%			2030	* *	5	$200	
Motor Control Center	80%			2030	* *	5	$2,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$1,372,300	10	$113,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2025	$32,900	10	$100	
Incandescent	7%			2025	$106,700	2	$200	
Egress Lighting								
Emergency, Battery	50%			2025	$92,600	10	$16,600	
Exit, Service	50%			2025	$18,500	1		
Exterior Lighting								
HID	100%			2025	$502,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$14,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$482,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$42,500	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$135,900	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$95,800	2035	* *	4	$6,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$148,000	1	$17,000	
Convector/Radiator	65%	Now	$42,100	2030	* *	1	$25,900	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Fan Coil Unit/Heat	15%			2020	$308,300	1	$6,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2025	$93,200	1	$12,700	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Fan Room								
Window/Wall Unit	60%			2023	$169,300	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2035	* *	4	$1,400	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2025	$86,900	1	$8,500	
Fan Coil - Cool/Heat	10%			2025	$207,900	1	$4,400	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2025	$43,900	2	$19,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,500	
Exhaust Fans								
Interior	70%			2025	$106,200	2	$2,900	
Roof	30%			2025	$32,700	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$13,600	
Sanitary Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - SI

Asset # : 1467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1, 1r, 2, 3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$71,800	
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,800	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 5 - BK**				
Address	: **820 HANCOCK STREET @RALPH AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K005**
Program / Asset #	: **BOE0344.000 / 332**			**Yr Built/Renovated**	: **1966 / 2011**
Area Sq Ft	: **90,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **1490**	**Lot**	: **1**	**BIN**	: **3039906**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$766,100	$81,300
Interior Architecture	$1,062,600	
Electrical	$612,800	$2,007,900
Mechanical	$633,600	$1,384,100
Total	**$3,075,100**	**$3,473,300**
Importance Code A	$1,218,300	$118,300
Importance Code B	$1,800,500	$3,355,000
Importance Code C	$56,200	
Total	**$3,075,100**	**$3,473,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$23,100	
Interior Architecture	$84,600	$3,500	$12,200	$3,500
Electrical	$2,300	$3,000	$2,800	$1,900
Mechanical	$31,100	$14,000	$73,400	$14,000
Total	**$118,000**	**$20,600**	**$111,500**	**$19,400**
Importance Code A		$9,200	$32,500	$9,200
Importance Code B	$113,400	$11,400	$78,900	$10,200
Importance Code C	$4,600			
Total	**$118,000**	**$20,600**	**$111,500**	**$19,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$8,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$81,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	3%			2044	* *	5-10	$17,600	
Windows								
Aluminum	100%	Now	$386,100	2040	* *	5	$9,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$7,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$2,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium Parapet								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Coping At Main Roof Parapet								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping At Main Roof Parapet								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping At Gymnasium And Auditorium Parapet								
Roof								
Built-Up (BUR)	25%			2034	* *	10	$18,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium And Gymnasium								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	10%			2039	* *	10	$18,300	
IRMA/Protected Membrane	65%	0-2	$380,000	2034	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 425								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,200	
Ceramic Tile	5%			2033	* *	5	$7,000	
Vinyl Tile	70%			2019	$827,500	3	$36,500	
Vinyl Tile	20%			2029	* *	3	$13,900	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$7,400	
Folding Partition	3%			2032	* *	5	$9,200	
Plaster	57%	0-2	$56,200	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	0-2	$32,300	2029	* *	5	$17,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 425								
AcousTileConcealSpLn	10%	0-2	$11,200	2029	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	0-2	$5,600	2029	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	40%	0-2	$178,800	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%	0-2	$27,400	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	5%			2046	* *	5	$100	
Molded Case Bkrs	85%			2023	$152,500	5	$2,000	
Wiring								
Braided Cloth	95%	2-4	$242,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$928,600	10	$76,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2024	$14,800	10	$100	
Incandescent	8%			2019	$82,500	2	$200	
Egress Lighting								
Emergency, Battery	50%			2024	$62,600	10	$11,200	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$339,900	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$54,500	1	$6,700	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2019	$233,000	1-3	$13,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$228,800	5	$28,800	
Conversion Equipment								
Steam Boiler	100%	Now	$452,200	2044	* *	1	$82,800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boilers								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$129,700	2044	* *	4	$4,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Condensate Pump And Tank								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	10%	Now	$10,000	2024	$50,100	1	$5,200	
Obsolete Equipment, Extent : Moderate, Area Affected : 40%								
Location : Air Handlers								
Convector/Radiator	90%			2022	$789,700	1	$27,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2022	$38,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	30%	Now	$6,200	2019	$30,800	2	$700	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Fan Room								
Roof	70%	Now	$51,700	2034	* *	2	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$277,400	1		
Water Heater								
Gas Fired	100%			2022	$21,600	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BK

Asset # : 332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Explanation : Kitchen Hood								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 5 - SI**
Address : **KINGDOM AVE. & DEISIUS ST.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0902.000 / 1468**
Area Sq Ft : **34,500**
Date of Survey : **30-Jan-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **6566** **Lot** : **1**

Agency's Number : **R005**
Yr Built/Renovated : **1930 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5082407**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,900	
Interior Architecture	$173,700	$44,200
Electrical	$255,400	
Mechanical		$182,300
Total	**$468,000**	**$226,500**
Importance Code A	$38,900	
Importance Code B	$429,100	$182,300
Importance Code C		$44,200
Total	**$468,000**	**$226,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,700	$6,000		$3,100
Interior Architecture	$81,000		$2,000	$1,700
Electrical	$18,200	$65,600	$700	$800
Mechanical	$8,900	$15,200	$7,000	$5,200
Total	**$136,900**	**$86,800**	**$9,700**	**$10,600**
Importance Code A	$31,900	$8,700	$3,200	$5,700
Importance Code B	$105,000	$78,100	$6,500	$4,900
Importance Code C				
Total	**$136,900**	**$86,800**	**$9,700**	**$10,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$7,500	
Masonry: Brick	60%			LIFE	* *	5	$19,300	
Masonry: Brick	20%	Now	$38,900	LIFE	* *	5	$6,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Ground Water Penetration								
Masonry: Limestone	15%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%			2048	* *	5	$12,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$5,400	
Masonry: Limestone	10%			LIFE	* *	5	$900	
Metal: Cage/Fence	10%			2040	* *	5-10	$5,300	
Roof								
Copper/Terne	5%	Now	$500	2051	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	80%	Now	$23,900	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Southeast Corner And Breezeway								
Modified Bitumen	10%	Now	$4,400	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Single Ply Membrane	5%			2031	* *	10	$1,900	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,500	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	2%	Now	$6,200	2026	$20,500	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terrazzo	3%	0-2	$7,400	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2028	* *	3	$6,000	
Vinyl Tile	25%	Now	$33,800	2018	$112,600	3	$5,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	35%	4+	$61,100	2051	* *	5	$17,400	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2026	$44,200	5	$1,600	
Gypsum Board	15%			LIFE	* *	5	$4,800	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$10,400	
Ceilings								
AcousTileConcealSpLn	10%	0-2	$4,300	2028	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	15%	0-2	$3,200	2036	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$1,200	
Plaster	60%	Now	$20,700	LIFE	* *	5	$19,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 311 And 318								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$8,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$18,300	5	$100	
Raceway								
Conduit	95%			2023	$23,200	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$7,500	5	$100	
Molded Case Bkrs	80%			2022	$20,600	5	$700	
Molded Case Bkrs	10%			2045	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$17,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$13,300	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$2,200	5	$100	
Locally Mounted	40%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$32,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2018	$23,900	10	$4,300	
Exit, LED	10%			2051	* *	1		
Exit, Service	40%			2018	$3,800	1		
Exterior Lighting								
HID	100%			2018	$130,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$125,100	1-3	$7,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : # 2 Fuel Oil								
Conversion Equipment								
Heat Pump	25%			2021	$27,100	2	$2,700	
Steam Boiler	75%			2036	* *	1	$26,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	75%			2033	* *	4	$2,000	
No Component	25%							
Terminal Devices								
Air Handler	40%			2023	$76,300	1	$8,800	
Convector/Radiator	40%			2028	* *	1	$4,600	
Fan Coil Unit/Heat	20%			2023	$106,000	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2028	* *	2	$500	
Window/Wall Unit	15%			2018	$10,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$7,900	
No Component	60%							
Exhaust Fans								
Interior	80%			2023	$31,300	2	$900	
Roof	20%			2023	$5,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%	0-2	$3,200	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Water Main Is Corroded In Basement								
Water Heater								
Gas Fired	100%			2021	$8,200	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - SI

Asset # : 1468

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 6 - M**		
Address	: **45 EAST 81 STREET @MADISON AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M006**
Program / Asset #	: **BOE0004.000 / 459**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1493** **Lot** : **21**	**BIN**	: **1046668**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$216,700	$71,800
Interior Architecture	$113,100	
Electrical	$121,700	$1,144,500
Mechanical	$83,800	$242,500
Total	**$535,400**	**$1,458,800**
Importance Code A	$216,700	$71,800
Importance Code B	$205,500	$1,387,000
Importance Code C	$113,100	
Total	**$535,400**	**$1,458,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,800		$26,400	$14,100
Interior Architecture	$53,700	$5,900	$18,100	$11,700
Electrical	$2,600	$2,100	$2,100	$2,900
Mechanical	$32,900	$7,100	$9,400	$3,200
Total	**$120,000**	**$15,000**	**$56,000**	**$31,800**
Importance Code A	$33,100		$26,400	$14,200
Importance Code B	$64,100	$12,100	$29,600	$17,600
Importance Code C	$22,800	$2,900		
Total	**$120,000**	**$15,000**	**$56,000**	**$31,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	$216,700	LIFE	* *	5	$71,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : West And North Facade								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Granite Panels	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2040	* *	5	$28,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,300	
Masonry: Brick	80%			LIFE	* *	5	$9,600	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal: Cage/Fence	5%			2037	* *	5-10	$4,600	
Roof								
Built-Up (BUR)	10%	Now	$1,500	2029	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof On West Side								
Copper/Terne	5%			2052	* *	10	$8,200	
IRMA/Protected Membrane	40%			2029	* *	10	$26,400	
Paver: Asphalt	45%	0-2	$26,600	2033	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout Play Area								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,800	
Ceramic Tile	5%			2033	* *	5	$5,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout Bathrooms, 2011								
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	80%			2029	* *	3	$46,700	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%	4+	$19,200	2039	* *	5	$5,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Stage, Gym								

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$5,900	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Throughout Bathrooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Plaster	60%	Now	$113,100	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 301 And 201								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 201								
SGFT/Glazed Masonry	5%			LIFE	* *			
SGFT/Glazed Masonry	25%	Now	$22,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$36,200	
Exposed Concrete	60%			LIFE	* *	5	$10,900	
Fiber Board	5%			2029	* *			
Plaster	10%			LIFE	* *	5	$7,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	30%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	90%			2046	* *	5	$1,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2022	$15,100	5	$100	
Locally Mounted	80%			2041	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	8%			2032	* *	10	$5,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium Lunch Room								
Fluorescent	75%			2024	$649,500	10	$53,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2032	* *	10	$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallway								
Explanation : T-8 Lamps								
Incandescent	2%			2024	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2024	$52,600	10	$9,400	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$287,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$8,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$14,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%	0-2	$1,300	2034	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Main Steam Isolation Valve								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2027	* *	5	$4,600	
Distribution								
Steam Piping/Pump	100%	Now	$10,900	2034	* *	4	$3,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Defective Mixing Valve Controls On Quenching Tank								
Terminal Devices								
Air Handler	20%			2024	$84,100	1	$9,600	
Convector/Radiator	80%			2037	* *	1	$20,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$128,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$13,500	LIFE	* *	2-5	$43,500	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Vibration Isolator Joints Open, Diaphragms Rotted Out								
Exhaust Fans								
Interior	65%			2029	* *	2	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 65%								
Location : 4th Floor Fan Room								
Interior	35%			2024	$30,200	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2050	* *	1		
Galv Iron/Steel	90%	Now	$83,800	2037	* *	1		
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Hot Water Lines Completely Rusted Through, Possible Galvanic Action								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$11,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 6 - M

Asset # : 459

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 7 - M**
Address : **160 EAST 120 STREET @LEXINGTON AVENUE**
Borough : **MANHATTAN**
Agency's Number : **M007**
Program / Asset # : **BOE0005.000 / 460**
Yr Built/Renovated : **1959 / 2000**
Area Sq Ft : **85,000**
Project Type : **EDUCATION**
Date of Survey : **21-Dec-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1768** **Lot** : **21**
BIN : **1083501**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,143,100	$90,900
Interior Architecture	$373,300	$768,600
Electrical	$1,370,700	$501,100
Mechanical	$319,900	$978,400
Total	**$3,207,000**	**$2,339,000**
Importance Code A	$1,143,100	$543,900
Importance Code B	$1,942,700	$1,795,100
Importance Code C	$121,200	
Total	**$3,207,000**	**$2,339,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,900		$6,900	
Interior Architecture	$25,600	$3,300		$97,800
Electrical	$18,900	$3,900	$51,600	$3,600
Mechanical	$29,300	$12,400	$52,500	$19,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$120,500**	**$27,400**	**$119,000**	**$128,700**
Importance Code A	$60,300	$8,700	$15,800	$8,700
Importance Code B	$60,200	$18,700	$103,200	$120,000
Importance Code C				
Total	**$120,500**	**$27,400**	**$119,000**	**$128,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	0-2	$195,000	LIFE	* *	5	$32,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Facade								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout, Gymnasium								
Metal/Glass Curt Wall	60%	0-2	$769,200	LIFE	* *	5	$90,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Around 2nd - 4th Floor Front Facade Windows								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Around 2nd - 4th Floor Front Facade Windows								
Windows								
Aluminum	98%	0-2	$142,900	2040	* *	5	$8,500	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : First Floor, Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Front Facade Windows								
Metal Louvers	2%	Now	$10,400	2039	* *			
Deformed/Dented, Extent : Severe, Area Affected : 25%								
Location : Girls Locker Room								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 15%								
Location : Girls Locker Room								
Parapets								
Metal: Cage/Fence	95%	0-2	$35,900	2037	* *	5	$29,200	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
No Component	5%							
Roof								
Built-Up (BUR)	90%	Now	$28,500	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Roof								
Modified Bitumen	10%			2029	* *	10	$6,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2020	$83,800	3	$13,100	
Cast in Place Concrete	10%	Now	$13,700	LIFE	* *	5	$28,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Pit And Electrical Room								
Ceramic Tile	5%			2033	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$5,100	
Vinyl Tile	65%	Now	$145,100	2024	$725,700	3	$32,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Cafeteria, Throughout								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Below Front Facade Windows In Corridors								
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%	4+	$43,300	2052	* *	5	$12,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Loose Units, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Masonry: Brick	5%			LIFE	* *			
Plaster	65%	Now	$121,200	LIFE	* *	5	$22,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : From 4th To 3rd Floor Boys Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : From 4th To 3rd Floor Boys Bathroom								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$63,700	2029	* *	5	$24,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Cafeteria								
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Corridors And Cafeteria								
Exposed Concrete	55%			LIFE	* *	5	$11,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$42,800			
Plaster	5%	Now	$8,600	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : From 4th To 3rd Floor Boys Bathroom								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : From 4th To 3rd Floor Boys Bathroom								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2054	* *	5	$100	
Molded Case Bkrs	70%			2024	$119,700	5	$1,600	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	5%			2054	* *	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,800	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$217,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	5%			2054	* *	1		
Motor Controllers								
Locally Mounted	75%			2022	$56,700	5	$400	
Locally Mounted	5%			2037	* *	5		
Locally Mounted	20%	2-4	$15,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof Fan Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	70%			2019	$682,100	10	$56,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2029	* *	10	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2019	$14,000	10	$100	
Incandescent	8%			2019	$78,000	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2019	$21,600	1		
Exit, Service	50%			2019	$11,800	1		
Exterior Lighting								
HID	100%			2019	$321,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$9,500	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$21,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$27,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 15,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$21,400	2022	$427,100	1	$78,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unreliable Burner Operation								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Boilers Are At Or Are Approaching Their Useful Life Cycle Limit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$61,300	2054	* *	4	$400	
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	90%			2024	$551,300	4	$3,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Steam And Condensate Return Piping Are At Or Approaching Their Useful Life Cycle Limit								
Terminal Devices								
Air Handler	20%	0-2	$4,700	2019	$94,600	1	$9,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Fan Room, Defective Climate Controls								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, The Blowers Are At Or Are Approaching Their Useful Life Cycle Limit								
Convector/Radiator	80%			2029	* *	1	$22,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$108,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,900	
Exhaust Fans								
Interior	20%			2019	$19,400	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Interior Exhaust Fans Are At Or Are Approaching Their Useful Life Cycle Limit								
Roof	80%			2019	$55,800	2	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Roof Top Exhaust Fans Are At Or Are Approaching Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$27,200	4	$8,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, The Domestic Hot Water Heat Exchanger Is At Or Is Approaching Its Useful Life Cycle Limit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sewage Ejector(s)								
Electric	100%	Now	$200	2029	* *	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement, 1 Of 2 Defective Pump Motors								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Unit #1 1st Thru 4th Floor, Unit #2 Basement Thru 2nd Floor								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - M

Asset # : 460

Mechanical	Current Repair			Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
No Component	90%								
Generic	10%			2034	* *		1-2	$2,500	
No Backflow Preventer, Extent : Light, Area Affected : 100%									
Location : Basement									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 7 - Q**
Address : **80-55 CORNISH AVENUE**
Borough : **QUEENS**
Agency's Number : **Q007**
Program / Asset # : **BOE0989.000 / 4472**
Yr Built/Renovated : **1994 / 2010**
Area Sq Ft : **125,000**
Project Type : **EDUCATION**
Date of Survey : **03-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,ph**
Block : **1538** **Lot** : **75** **BIN** : **4467710**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$392,300	$162,800
Interior Architecture	$35,100	
Electrical		$2,447,000
Mechanical	$97,600	$1,449,600
Total	**$525,100**	**$4,059,400**
Importance Code A	$392,300	$162,800
Importance Code B	$132,700	$3,896,600
Total	**$525,100**	**$4,059,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,400		$20,400	
Interior Architecture	$81,300		$58,900	$2,700
Electrical	$14,200	$10,100	$19,000	$10,100
Mechanical	$33,300	$54,100	$45,300	$48,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$158,100**	**$72,100**	**$151,500**	**$68,700**
Importance Code A	$33,800	$12,400	$32,800	$12,400
Importance Code B	$111,300	$59,700	$118,700	$56,400
Importance Code C	$13,000			
Total	**$158,100**	**$72,100**	**$151,500**	**$68,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,500	
Masonry: Brick Cavity	80%			LIFE	* *	5	$114,900	
Pre-Cast Concrete	15%			LIFE	* *	5	$70,000	
Windows								
Aluminum	98%	Now	$179,400	2042	* *	5	$10,700	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	2%			2035	* *	10	$2,700	
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5-10	$6,000	
Masonry: Brick Cavity	35%			LIFE	* *	5-10	$8,800	
Metal Rail	5%			2039	* *	5-10	$3,300	
Pre-Cast Concrete	30%			LIFE	* *	5	$13,800	
Roof								
Metal Panel	5%			2039	* *	10	$18,400	
Modified Bitumen	35%			2034	* *	10	$70,300	
Slate	60%			LIFE	* *	10	$120,500	
Interior								
Floors								
Carpet	5%			2025	$68,400	3	$8,000	
Cast in Place Concrete	10%			LIFE	* *	5	$46,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	5%			2035	* *	5	$5,400	
Quarry Tile	5%			2039	* *	5	$8,000	
Vinyl Tile	65%			2031	* *	3	$26,100	
Wood	10%			2054	* *	5	$20,100	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$14,500	
Gypsum Board	5%			LIFE	* *	5-10	$2,400	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileConcealSpLn	50%			2039	* *	5	$66,900	
Exposed Concrete	30%			LIFE	* *	5-10	$40,200	
Exposed Struc: Steel	10%			LIFE	* *	10	$21,400	
Gypsum Board	10%			LIFE	* *	5-10	$36,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Electrical Service Switches Rated @ 3000 Amperes Each								
Transformers								
Dry Type	100%			2031	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 1000 Kva, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$500	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	15%			2034	* *	5	$400	
Molded Case Bkrs	85%			2034	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	5%			2031	* *	5		
Motor Control Center	95%			2031	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$38,500	
Generators								
Diesel	100%			2029	* *	1	$48,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 400 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$4,600	
Fuel Storage								
Day Tank	50%			2034	* *	5	$11,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 30 Gallons Capacity								
Main Tank	50%			2041	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,360,700	10	$112,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2026	$27,800	2	$100	
Egress Lighting								
Emergency, Service	50%			2026	$30,700	1		
Exit, Service	50%			2026	$16,900	1		
Exterior Lighting								
HID	100%			2026	$472,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$113,500	1	$14,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$388,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Manual Pull Station, Horns, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$123,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,600	2046	* *	4	$6,200	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	60%			2026	$404,400	1	$46,400	
Convector/Radiator	30%			2031	* *	1	$12,100	
Fan Coil Unit/Heat	10%			2026	$187,200	1	$4,000	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2026	$339,400	1	$46,400	
R-134a Refrigerant, Extent : Light, Area Affected : 80%								
Location : Penthouse								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor, Penthouse								
Explanation : Compressors Have Been Replaced Once Already								
No Component	20%							
Terminal Devices								
Direct Expansion	80%			2026	$248,200	1		
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	$159,800	2	$69,600	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$53,900	LIFE	* *	2-5	$69,700	
Unbalanced System, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exhaust Fans								
Interior	80%			2026	$110,500	2	$3,100	
Roof	20%			2026	$19,900	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$29,100	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 500 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - Q

Asset # : 4472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4, 1-2								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$63,000	
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$7,000	
Fire Pump								
Generic	100%			2029	* *	1	$23,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 8 - BK**				
Address	: **37 HICKS STREET BTWN: POPLAR ST., MIDDAGH ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K008**	
Program / Asset #	: **BOE0345.000 / 333**		**Yr Built/Renovated**	: **1907 / 2014**	
Area Sq Ft	: **66,628**		**Project Type**	: **EDUCATION**	
Date of Survey	: **28-Feb-2014**		**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**	
Areas Surveyed	: **Basement, Floors 1,3**				
Block	: **211**	**Lot** : **1**	**BIN**	: **3001540**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$132,400	$226,800
Interior Architecture	$360,200	$525,500
Electrical	$818,100	$285,400
Mechanical		$149,600
Total	**$1,310,700**	**$1,187,400**
Importance Code A	$132,400	$226,800
Importance Code B	$1,046,900	$960,500
Importance Code C	$131,400	
Total	**$1,310,700**	**$1,187,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,900	$10,200		
Interior Architecture	$60,700		$6,200	$1,900
Electrical		$800		$29,400
Mechanical	$16,500	$16,000	$24,400	$15,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$120,900**	**$34,900**	**$38,500**	**$54,300**
Importance Code A	$42,500	$16,800	$6,600	$6,700
Importance Code B	$46,700	$18,100	$31,900	$47,600
Importance Code C	$31,700			
Total	**$120,900**	**$34,900**	**$38,500**	**$54,300**

Main Entrance Facade facing Hicks Street

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$34,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$66,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : New Addition								
Explanation : Construction Of New Addition In Progress - Not Included In This Survey								
Masonry: Brick	5%	Now	$14,600	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$21,200	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	5%			2038	* *	5	$11,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Wood	100%	Now	$132,400	2041	* *	5	$107,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2033	* *	10	$47,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$4,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	0-2	$21,100	2034	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%	0-2	$7,800	2038	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2025	$463,100	3	$18,700	
Vinyl Tile	15%	Now	$138,900	2035	* *	3	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	25%	0-2	$89,800	2040	* *	5	$23,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$17,600	2034	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$14,100	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	0-2	$49,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$81,800	LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Plaster	100%			LIFE	* *	5	$62,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$300	
Raceway								
Conduit	30%			2055	* *	1		
Conduit	70%			2025	$94,700	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	65%			2033	* *	5	$1,100	
Molded Case Bkrs	20%			2050	* *	5	$400	
Wiring								
Thermoplastic	70%			2025	$133,000	1		
Thermoplastic	30%			2055	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$57,800	5	$300	
Locally Mounted	30%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	68%			2020	$549,800	10	$41,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	30%			2035	* *	10	$18,300	
Incandescent	2%			2020	$16,200	2		
Egress Lighting								
Emergency, Battery	35%			2020	$34,400	10	$5,600	
Emergency, Battery	15%			2035	* *	10	$2,400	
Exit, Service	35%			2020	$6,900	1		
Exit, Service	15%			2035	* *	1		
Exterior Lighting								
HID	70%			2020	$192,400	10	$100	
HID	30%			2035	* *	10	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$66,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$4,900	
Terminal Devices								
Air Handler	10%			2030	* *	1	$4,100	
Convector/Radiator	70%			2038	* *	1	$15,100	
Fan Coil Unit/Heat	20%			2030	* *	1	$4,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2023	$149,600	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,200	
Exhaust Fans								
Roof	100%			2030	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2051	* *	1		
Galv Iron/Steel	80%			2038	* *	1		
Water Heater								
Gas Fired	100%			2024	$16,900	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BK

Asset # : 333

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2055	* *	1-2	$3,700	
Fire Pump								
Generic	100%			2040	* *	1	$12,400	
Chemical System								
Generic	100%			2025	$28,500	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 8 - SI**
Address : **100 LINDENWOOD ROAD @ SCHOOL STREET**
Borough : **STATEN ISLAND**
Agency's Number : **R008**
Program / Asset # : **BOE0904.000 / 2627**
Yr Built/Renovated : **1918 / 2011**
Area Sq Ft : **60,000**
Project Type : **EDUCATION**
Date of Survey : **30-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5221** **Lot** : **1**
BIN : **5066295**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$159,900
Interior Architecture	$522,700	
Electrical	$130,400	$620,900
Mechanical		$240,000
Total	**$653,100**	**$1,020,800**
Importance Code A		$159,900
Importance Code B	$504,000	$860,900
Importance Code C	$149,100	
Total	**$653,100**	**$1,020,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,700	$14,600		
Interior Architecture	$18,200		$5,800	$4,000
Electrical	$32,600	$11,700	$1,700	$1,200
Mechanical	$9,100	$15,200	$15,400	$9,700
Total	**$113,600**	**$41,500**	**$22,800**	**$14,900**
Importance Code A	$59,800	$20,800	$6,100	$6,100
Importance Code B	$37,900	$20,700	$16,700	$8,800
Importance Code C	$15,900			
Total	**$113,600**	**$41,500**	**$22,800**	**$14,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$76,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$44,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$39,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$29,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	45%	Now	$32,700	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	95%	0-2	$21,000	2028	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$4,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,100	
Ceramic Tile	5%			2032	* *	5	$4,600	
Vinyl Tile	25%	Now	$39,300	2018	$196,400	3	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1917 Building								
Vinyl Tile	50%			2028	* *	3	$17,300	
Vinyl Tile	10%	Now	$78,500	2033	* *	3	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	5%			2051	* *	5	$8,700	
Interior Walls								
Ceramic Tile	5%	0-2	$15,900	2032	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	65%	0-2	$60,000	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$89,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Stairs And Corridors,Throughout								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$9,200	
Exposed Concrete	40%	Now	$59,400	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$5,800	
Plaster	45%			LIFE	* *	5	$26,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency - Recent Installation								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	85%			2023	$105,300	1		
Conduit	10%			2033	* *	1		
Conduit	5%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Basement								
Panelboards								
Fused Disc Sw	10%			2022	$10,500	5	$100	
Fused Toggle Switch	30%	2-4	$31,400	2048	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Wings								
Molded Case Bkrs	60%			2039	* *	5	$900	
Wiring								
Braided Cloth	75%	2-4	$130,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	5%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$55,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps - Recent Installation								
HID	2%			2018	$9,900	10		
Egress Lighting								
Emergency, Battery	50%			2023	$41,600	10	$7,400	
Exit, LED	45%			2063	* *	1		
Recent Installation, Extent : Light, Area Affected : 45%								
Location : Throughout								
Exit, Service	5%			2023	$800	1		
Exterior Lighting								
HID	100%			2023	$226,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2033	* *	1-3	$12,900	
Recent Installation, Extent : Light, Area Affected : 35%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - SI

Asset # : 2627

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Fuel Oil #2								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$61,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$3,000	
Terminal Devices								
Air Handler	30%			2023	$99,800	1	$11,500	
Convector/Radiator	60%			2028	* *	1	$12,000	
Fan Coil Unit/Heat	10%			2023	$92,400	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2018	$6,300	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,400	
Exhaust Fans								
Interior	70%			2023	$47,800	2	$1,300	
Roof	30%			2023	$14,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galv Iron/Steel	90%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$14,400	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2043	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 8 - SI
Asset # : 2627

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 9 - BK**		
Address	: **80 UNDERHILL AVENUE @ ST. MARKS AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K009**
Program / Asset #	: **BOE0346.000 / 1102**	**Yr Built/Renovated**	: **1957 / 1998**
Area Sq Ft	: **116,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1145** **Lot** : **26**	**BIN**	: **3028204**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$712,300	$77,200
Interior Architecture	$41,400	$83,200
Electrical	$208,900	$570,600
Mechanical	$718,700	$259,800
Total	**$1,681,200**	**$990,800**
Importance Code A	$1,291,500	$77,200
Importance Code B	$389,700	$913,600
Total	**$1,681,200**	**$990,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$4,500	$16,600	$14,500	
Electrical	$3,200	$3,500	$3,000	$2,200
Mechanical	$5,400	$35,000	$33,100	$16,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$17,000**	**$59,000**	**$54,500**	**$22,700**
Importance Code A		$11,800	$12,000	$11,800
Importance Code B	$17,000	$47,200	$42,500	$10,900
Importance Code C				
Total	**$17,000**	**$59,000**	**$54,500**	**$22,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$232,900	LIFE	* *	5	$77,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$1,900	
Masonry: Limestone	7%			LIFE	* *	5	$4,500	
Windows								
Aluminum	95%	Now	$142,700	2039	* *	5	$17,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	5%	Now	$93,600	2048	* *	5	$11,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 75%								
Location : Stairs								
Parapets								
Masonry: Brick	95%	Now	$83,600	LIFE	* *	5	$29,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Exterior Face								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Corner At North Facade								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$159,500	
Metal Panel	5%			2036	* *	10	$15,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$39,000	
Ceramic Tile	5%			2032	* *	5	$8,900	
Terrazzo	5%	Now	$41,400	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%			2031	* *	3	$16,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Corridors								
Vinyl Tile	40%			2028	* *	3	$26,700	
Wood	15%			2051	* *	5	$50,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$10,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$10,800	
Plaster	45%			LIFE	* *	5	$24,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$33,200	
Exposed Concrete	50%			LIFE	* *	5	$13,800	
Metal Panel	20%			LIFE	* *	5	$44,200	
Plaster	15%			LIFE	* *	5	$16,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	50%			2043	* *	5	$200	
Molded Case Bkrs	50%			2023	$97,700	5	$1,500	
Raceway								
Conduit	70%			2023	$146,100	1		
Conduit	20%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	20%			2031	* *	5	$600	
Molded Case Bkrs	70%			2022	$125,600	5	$2,100	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$600	
Locally Mounted	20%			2028	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$109,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2033	* *	1		
Exit, Battery	50%			2033	* *	10	$4,000	
Exterior Lighting								
HID	100%			2028	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$8,700	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$14,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$36,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	0-2	$579,300	2043	* *	1	$106,100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$41,500	2033	* *	4	$5,900	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Return Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BK

Asset # : 1102

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2023	$128,300	1	$14,700	
Convector/Radiator	80%			2028	* *	1	$30,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2028	* *	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units - Supplying Auditorium								
Window/Wall Unit	40%			2018	$97,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,400	
Exhaust Fans								
Roof	100%			2023	$94,600	2	$3,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$36,900	4	$11,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-2								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 9 - M**
Address : **100 WEST 84 STREET @ COLUMBUS AVE.**
Borough : **MANHATTAN**
Agency's Number : **M009**
Program / Asset # : **BOE0006.000 / 461**
Yr Built/Renovated : **1965 / 2000**
Area Sq Ft : **88,000**
Project Type : **EDUCATION**
Date of Survey : **15-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1214** **Lot** : **29**
BIN : **1032119**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$149,300	$158,200
Interior Architecture	$809,100	$44,400
Electrical	$164,100	$2,134,600
Mechanical	$155,700	$140,000
Total	**$1,278,200**	**$2,477,200**
Importance Code A	$149,300	$195,200
Importance Code B	$1,128,900	$2,282,000
Total	**$1,278,200**	**$2,477,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,700		$6,100	$8,200
Interior Architecture	$900	$6,400	$39,900	$900
Electrical	$1,100	$3,400	$14,000	$3,100
Mechanical	$40,400	$15,400	$67,000	$18,500
Total	**$65,100**	**$25,300**	**$127,000**	**$30,700**
Importance Code A	$31,700	$9,000	$15,300	$17,200
Importance Code B	$33,400	$13,300	$111,700	$13,500
Importance Code C		$3,000		
Total	**$65,100**	**$25,300**	**$127,000**	**$30,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Architecture / System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$71,500	
Masonry: Brick	5%	Now	$22,700	LIFE	* *	5	$3,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Chimney								
Windows								
Aluminum	97%			2040	* *	5	$16,400	
Glass Block	3%			LIFE	* *	5	$300	
Parapets								
Metal Panel	5%			2044	* *	5	$2,400	
Metal Rail	95%	Now	$62,400	2029	* *	5	$83,000	
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2029	* *	10	$86,900	
Metal Panel	3%			2029	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,700	
Ceramic Tile	5%			2033	* *	5	$6,800	
Terrazzo	3%			LIFE	* *	5	$3,200	
Traffic Topping	5%			2029	* *	5	$8,500	
Vinyl Tile	70%			2019	$809,100	3	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	5%			2029	* *	3	$3,400	
Wood	2%			2039	* *	5	$5,100	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$6,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$18,000	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$42,400	
Exposed Concrete	55%			LIFE	* *	5	$11,700	
Fiber Board	5%			2024	$44,400			
Metal Panel	5%			LIFE	* *	5	$8,500	
Plaster	10%			LIFE	* *	5	$8,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	75%			2024	$128,300	5	$300	
Fused Disc Sw	25%			2044	* *	5	$100	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$9,000	5	$100	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$143,500	5	$1,900	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Thermoplastic	90%			2024	$230,000	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$37,800	5	$300	
Locally Mounted	50%			2029	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$988,700	10	$81,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,000	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$332,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$164,100	2034	* *	1-3	$14,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$28,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7,500 Gallon Tanks, Recent Conversion From #6 Oil To #4								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$90,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers, Burners Were Recently Converted To Use #4 Oil								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,700	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2019	$97,900	1	$11,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Blowers Are Approaching End Of Their Useful Life Cycle								
Convector/Radiator	80%			2029	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2022	$140,000	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - M

Asset # : 461

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2019	$20,100	2	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Approaching End Of Their Useful Life Cycle								
Roof	80%	Now	$5,800	2019	$57,800	2	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Multple Mechanical And Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Areapproaching End Of Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2017	$21,100	2	$1,300	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Water Heater Approaching End Of Its Useful Life Cycle								
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2019	$11,100	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sewage Ejector Pump Approaching End Of Its Useful Life Cycle								
Backflow Preventer								
Generic	100%			2029	* *	1	$5,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 9 - Q (W REED SCHOOL)**		
Address	: **58-74 57 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q009**
Program / Asset #	: **BOE0673.000 / 315**	**Yr Built/Renovated**	: **1907 / 2001**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2631** **Lot** : **106**	**BIN**	: **4059130**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$486,400	$386,500
Interior Architecture	$467,400	$392,400
Electrical	$269,400	$751,000
Mechanical	$64,600	$824,400
Total	**$1,287,800**	**$2,354,300**
Importance Code A	$486,400	$386,500
Importance Code B	$690,700	$1,967,900
Importance Code C	$110,700	
Total	**$1,287,800**	**$2,354,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,800		$30,400	
Interior Architecture	$42,300	$5,200	$3,500	$2,200
Electrical	$31,900	$1,600	$1,700	$1,400
Mechanical	$16,300	$6,900	$10,000	$7,800
Total	**$138,200**	**$13,700**	**$45,600**	**$11,300**
Importance Code A	$52,400	$4,600	$35,100	$4,600
Importance Code B	$50,000	$9,100	$10,500	$6,700
Importance Code C	$35,800			
Total	**$138,200**	**$13,700**	**$45,600**	**$11,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$57,400	
Masonry: Brick	85%	0-2	$377,000	LIFE	* *	5	$62,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout All Facades								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Wood	100%			2032	* *	5	$218,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,700	
Masonry: Brick	15%	Now	$16,400	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior Face								
Explanation : Stucco Over Brick								
Masonry: Brick	50%			LIFE	* *	5	$4,700	
Metal Rail	25%			2029	* *	5-10	$42,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	95%	0-2	$31,400	2024	$157,200			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Over Auditorium								
Copper/Terne	5%			2039	* *	10	$4,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 9 - Q (W REED SCHOOL)
Asset # : 315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	Now	$4,700	2044	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Ceramic Tile	5%			2027	* *	5	$3,500	
Vinyl Tile	60%			2024	$353,400	3	$15,600	
Vinyl Tile	25%	Now	$147,300	2034	* *	3	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : 9x9 Units								
Wood	5%	4+	$45,700	2064	* *	5	$3,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Room 204 And 302								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Room 204 And 302								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$4,300	
Glass: Single Pane	5%			LIFE	* *	5	$3,200	
Masonry: Brick	10%	Now	$33,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	80%	Now	$110,700	LIFE	* *	5	$20,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$6,900	
Plaster	90%	Now	$163,700	LIFE	* *	5	$39,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Stair 1 And 2 At 3rd Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2044	* *	5	$100	
Fused Knife Sw	50%	2-4	$61,100	2054	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Fused Knife Sw	20%	2-4	$20,900	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement & 1st Floor								
Molded Case Bkrs	50%			2023	$52,300	5	$600	
Molded Case Bkrs	20%			2040	* *	5	$200	
Wiring								
Braided Cloth	75%	2-4	$68,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	15%			2024	$13,700	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2024	$488,400	10	$40,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2032	* *	10	$2,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library & Gym								
Egress Lighting								
Emergency, Battery	50%			2024	$31,200	10	$5,600	
Exit, Service	50%			2024	$6,200	1		
Exterior Lighting								
HID	100%			2024	$170,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$5,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$139,800	1-3	$8,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$45,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	20%	0-2	$64,600	2054	* *	4	$500	
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Throughout, Defective Steam Traps, Defective Thermostats								
Steam Piping/Pump	60%			2024	$193,900	4	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Boiler, Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	20%			2044	* *	4	$500	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boiler Room Steam And Condensate Return Piping								
Terminal Devices								
Convector/Radiator	90%			2022	$393,500	1	$13,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	10%			2024	$69,300	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$5,700	2022	$57,100	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Deficiencies								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,800	
Exhaust Fans								
Roof	75%			2024	$27,600	2	$1,100	
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2022	$110,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, The Domestic Hot And Cold Water Piping Are Beyond Their Useful Life Life Cycle Limit								
Water Heater								
Gas Fired	100%			2022	$10,800	2	$700	
Sanitary Piping								
Cast Iron	100%	Now	$2,000	LIFE	* *	1		
Cracked, Extent : Light, Area Affected : 1%								
Location : Drain Pipe For Second Floor Slope Sink								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - Q (W REED SCHOOL)

Asset # : 315

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$1,300	LIFE	* *	1		
Cracked, Extent : Light, Area Affected : 15%								
Location : Drain Pipe At Basement Level								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 10 - BK**		
Address	: **511 7TH AVE. @17TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K010**
Program / Asset #	: **BOE0347.000 / 2522**	**Yr Built/Renovated**	: **1930 / 2008**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **869** **Lot** : **1**	**BIN**	: **3016509**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$63,500	$76,800
Interior Architecture	$316,800	$389,300
Electrical	$546,300	$972,300
Mechanical	$423,600	$106,500
Total	**$1,350,200**	**$1,544,900**
Importance Code A	$63,500	$113,800
Importance Code B	$1,286,700	$1,266,800
Importance Code C		$164,300
Total	**$1,350,200**	**$1,544,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$14,300	
Interior Architecture	$113,200	$8,800	$700	$3,000
Electrical	$1,800	$17,500	$2,000	$1,800
Mechanical	$32,200	$11,500	$17,500	$11,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$151,100**	**$41,800**	**$38,400**	**$20,300**
Importance Code A	$7,800	$8,000	$22,100	$7,800
Importance Code B	$70,600	$33,800	$16,300	$12,400
Importance Code C	$72,700			
Total	**$151,100**	**$41,800**	**$38,400**	**$20,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$64,700	
Masonry: Brick	15%			LIFE	* *	5	$12,100	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2039	* *	5	$28,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,400	
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$10,900	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2028	* *	10	$63,500	
Copper/Terne	5%			2051	* *	10	$8,400	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$6,100	LIFE	* *	5	$25,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Near Fan Room In Basement								
Ceramic Tile	5%	Now	$34,400	2026	$114,600	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$8,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	20%	Now	$60,300	2018	$201,000	3	$8,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	5%			2031	* *	3	$2,200	
Wood	50%			2038	* *	5	$110,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2026	$164,300	5	$6,000	
Glass: Single Pane	5%	Now	$17,900	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	Now	$23,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$31,000	LIFE	* *	5	$23,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$17,600	
Exposed Concrete	10%			LIFE	* *	5	$1,800	
Plaster	55%			LIFE	* *	5	$40,400	
Plaster	20%			LIFE	* *	5	$14,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	100%			2023	$123,800	1		
Panelboards								
Fused Knife Sw	30%	2-4	$40,400	2048	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	50%			2031	* *	5	$1,000	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	50%			2028	* *	5	$300	
Motor Control Center	20%			2028	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	70%			2023	$614,200	10	$50,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2028	* *	10	$14,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	10%			2018	$87,700	2	$200	
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	90%							
Generic	10%			2028	* *	1	$2,900	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$279,100	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 6000 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,000	2043	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump, Basement								
Terminal Devices								
Air Handler	25%			2023	$106,500	1	$12,200	
Convector/Radiator	50%			2028	* *	1	$12,800	
Fan Coil Unit/Heat	25%			2018	$295,700	1	$6,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$40,600	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,000	
Exhaust Fans								
Interior	100%			2018	$87,300	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2049	* *	1		
Galv Iron/Steel	80%	Now	$3,800	2028	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Circulation Pump Broken								
Water Heater								
Gas Fired	100%			2021	$18,400	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit With Capacity Of 115 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Backed Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2023	$11,100	4	$1,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 10 - BK

Asset # : 2522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 11 - BK**
Address : **419 WAVERLY AVENUE BTWN: GATES AVE. - GREENE AVE.**
Borough : **BROOKLYN**
Agency's Number : **K011**
Program / Asset # : **BOE0348.000 / 1103**
Yr Built/Renovated : **1958 /**
Area Sq Ft : **83,000**
Project Type : **EDUCATION**
Date of Survey : **26-Oct-2012**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1962** **Lot** : **10**
BIN : **3332865**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$231,400	$187,400
Interior Architecture	$560,300	$45,200
Electrical	$424,400	$740,800
Mechanical	$491,000	$141,400
Total	**$1,707,100**	**$1,114,700**
Importance Code A	$684,200	$227,800
Importance Code B	$1,022,900	$886,900
Total	**$1,707,100**	**$1,114,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,900			
Interior Architecture	$38,800		$19,800	$11,900
Electrical	$18,100	$2,200	$23,600	$1,700
Mechanical	$45,200	$13,000	$35,200	$18,000
Total	**$134,000**	**$15,200**	**$78,600**	**$31,600**
Importance Code A	$31,900	$8,400	$8,600	$8,400
Importance Code B	$78,900	$6,700	$70,000	$23,200
Importance Code C	$23,200			
Total	**$134,000**	**$15,200**	**$78,600**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%	Now	$56,300	LIFE	* *	5	$85,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$1,300	
Windows								
Aluminum	95%	Now	$133,800	2040	* *	5	$14,600	
Glass Block	5%	Now	$4,200	LIFE	* *	5	$1,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Parapets								
Masonry: Brick	100%	Now	$41,300	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Roof								
Copper/Terne	2%	Now	$1,100	2039	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	13%			2024	$102,000	10	$9,400	
IRMA/Protected Membrane	85%	Now	$26,700	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,900	
Ceramic Tile	3%	Now	$80,900	2039	* *	5	$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	35%	Now	$41,400	2019	$414,300	3	$16,700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : 9x9 Tiles Throughout								
Vinyl Tile	40%	Now	$23,700	2029	* *	3	$19,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	10%			2052	* *	5	$23,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$23,200	2027	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Room G16 & Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$23,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$39,600	
Exposed Concrete	55%			LIFE	* *	5	$10,900	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$45,200			
Plaster	10%	Now	$3,600	LIFE	* *	5	$7,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Exit A								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$40,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$186,900	5	$2,200	
Raceway								
Conduit	90%			2024	$169,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	75%			2023	$147,000	5	$1,600	
Molded Case Bkrs	20%			2040	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$195,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$55,800	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2022	$66,000	5	$400	
Locally Mounted	20%	2-4	$16,500	2044	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$75,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Incandescent	2%			2019	$20,700	2		
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2019	$41,100	1	$4,700	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2019	$187,800	1-3	$10,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$26,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$452,800	2044	* *	1	$75,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Very Old Units With New Burners								
Distribution								
Steam Piping/Pump	100%	Now	$32,500	2034	* *	4	$4,200	
Steam Traps Faulty, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$5,000	2024	$100,300	1	$9,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Blower								
Convector/Radiator	80%			2029	* *	1	$22,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$38,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,500	
Exhaust Fans								
Interior	40%	Now	$2,100	2024	$41,100	2	$800	
Noisy/Vibrating, Extent : Severe, Area Affected : 50%								
Location : 2 Exhaust Fan Motors, Fan Room								
Roof	60%			2029	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$1,100	2023	$21,600	2	$1,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement Gas Meter Room								
Explanation : Gas Supply To The New Unit Is Undersized								
HW Heat Exchanger								
Low Temp	100%			2024	$28,900	4	$8,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Sub Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BK

Asset # : 1103

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$12,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
Dry	10%			2022	$2,900	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Carbon Dioxide Fire Extinguishers								
Wet	20%			2022	$6,200	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 11 - M**		
Address	: **320 WEST 21 STREET @8TH - 9TH AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M011**
Program / Asset #	: **BOE0008.000 / 436**	**Yr Built/Renovated**	: **1925 / 2004**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2012**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **744** **Lot** : **24**	**BIN**	: **1013260**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$225,000	$246,000
Interior Architecture	$274,600	$808,200
Electrical	$1,069,300	$583,900
Mechanical	$53,000	$459,200
Total	**$1,621,900**	**$2,097,200**
Importance Code A	$225,000	$246,000
Importance Code B	$1,396,800	$1,812,600
Importance Code C		$38,600
Total	**$1,621,900**	**$2,097,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$9,100	$23,300
Interior Architecture	$96,700		$17,600	$9,200
Electrical	$2,900	$3,800	$30,100	$3,000
Mechanical	$29,800	$19,600	$45,500	$18,000
Total	**$129,400**	**$23,400**	**$102,200**	**$53,500**
Importance Code A	$9,800	$9,800	$18,900	$33,300
Importance Code B	$91,900	$13,700	$83,300	$20,200
Importance Code C	$27,700			
Total	**$129,400**	**$23,400**	**$102,200**	**$53,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$71,700	
Masonry: Brick	95%			LIFE	* *	5	$174,300	
Windows								
Aluminum	90%			2040	* *	5	$46,700	
Glass Block	5%			LIFE	* *	5	$1,600	
Steel	5%	Now	$147,900	2049	* *	5	$16,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,200	
Masonry: Brick	25%			LIFE	* *	5	$3,400	
Masonry: Brick	55%			LIFE	* *	5	$7,400	
Metal: Cage/Fence	15%			2029	* *	5-10	$15,600	
Roof								
Paver: Asphalt	25%			2027	* *	10	$19,300	
Paver: Asphalt	75%			2027	* *	10	$57,800	
Interior								
Floors								
Asphalt Poured	5%	0-2	$3,300	2037	* *	5	$1,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Corridors								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Corridors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,200	
Ceramic Tile	5%	0-2	$31,300	2033	* *	5	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 4th And 5th Floor Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : 4th And 5th Floor Bathroom								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 4th And 5th Floor Bathrooms								
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	20%			2019	$274,600	3	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	50%	0-2	$34,300	2024	$686,400	3	$27,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Around Columns In Basement								
Wood	10%			2039	* *	5	$27,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$27,700	2033	* *	5	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 4th And 5th Floor Bathrooms								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : 4th And 5th Floor Bathrooms								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$11,000	
Plaster	50%			LIFE	* *	5	$27,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,300	
Plaster	90%			LIFE	* *	5	$83,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2050	* *	5	$200	
Fused Disc Sw	40%			2024	$74,700	5	$200	
Fused Knife Sw	20%	2-4	$37,400	2054	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2024	$169,700	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	10%			2023	$19,600	5	$200	
Molded Case Bkrs	5%			2046	* *	5	$100	
Molded Case Bkrs	80%			2023	$156,800	5	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$237,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2024	$27,900	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$66,000	5	$500	
Locally Mounted	20%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	96%			2032	* *	10	$86,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	* *	10	$1,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2024	$17,200	10	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$72,700	10	$11,900	
Exit, Service	50%			2019	$14,600	1		
Exterior Lighting								
HID	100%			2019	$396,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$10,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Hallway & All Exit Doors In Corridor								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$325,900	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7,500 Gallon Tanks								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$97,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (3) #2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	2%	Now	$15,100	2054	* *	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Controls								
Steam Piping/Pump	98%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler	30%			2024	$174,500	1	$18,300	
Convector/Radiator	70%			2029	* *	1	$22,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$177,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,100	
Exhaust Fans								
Interior	90%			2024	$107,300	2	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Custodian Claims Fans Work But Are Not Required								
Roof	10%			2019	$8,600	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
No Water Meter, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Water Heater								
Gas Fired	100%			2022	$25,100	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$14,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Swimming Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - M

Asset # : 436

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%	Now	$53,000	2029	* *	4		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Pool Equipment Room								
Explanation : #3 Backwashing Inoperable, #2 Backwashing Leaks								
Sewage Ejector(s)								
Electric	100%			2024	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 11 - Q**
Address : **54-25 SKILLMAN AVENUE BTWN: 55 ST., ROOSEVELT AVE.**
Borough : **QUEENS**
Agency's Number : **Q011**
Program / Asset # : **BOE0675.000 / 317**
Yr Built/Renovated : **1952 / 2011**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **31-Oct-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1239** **Lot** : **1**
BIN : **4028447**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$203,900	$62,100
Interior Architecture	$959,600	$182,800
Electrical	$551,700	$888,600
Mechanical	$202,600	$924,700
Total	**$1,917,900**	**$2,058,200**
Importance Code A	$203,900	$411,600
Importance Code B	$1,714,000	$1,646,500
Total	**$1,917,900**	**$2,058,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,900			
Interior Architecture	$38,900		$5,400	$13,100
Electrical	$7,700	$1,000	$1,500	$72,800
Mechanical	$48,100	$32,100	$20,100	$35,800
Total	**$108,500**	**$33,100**	**$27,000**	**$121,800**
Importance Code A	$21,000	$7,100	$7,100	$7,100
Importance Code B	$52,900	$26,000	$19,800	$114,700
Importance Code C	$34,600			
Total	**$108,500**	**$33,100**	**$27,000**	**$121,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$62,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%	Now	$203,900	2041	* *	5	$12,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	80%	Now	$13,900	2030	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	15%			2035	* *	10	$11,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2053	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,800	
Ceramic Tile	5%			2034	* *	5	$5,400	
Terrazzo	5%			LIFE	* *	5	$4,200	
Vinyl Tile	20%			2025	$182,800	3	$8,100	
Vinyl Tile 9" X 9"	60%	2-4	$71,000	2020	$710,300	3	$24,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2040	* *	5	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Glazed Ceramic Panel	5%	2-4	$8,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	10%	Now	$26,000	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 4 And 5								
Plaster	55%			LIFE	* *	5	$17,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	2-4	$4,300	2030	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5	$10,000	
Metal Panel	10%	Now	$178,300	LIFE	* *	5	$13,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Plaster	20%			LIFE	* *	5	$13,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2051	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Knife Sw	3%	2-4	$4,000	2050	* *	5		
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	2%	2-4	$2,700	2050	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	75%			2024	$100,900	5	$1,400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	95%			2023	$71,800	5	$400	
Locally Mounted	5%			2042	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	70%			2025	$558,300	10	$46,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	25%			2020	$199,400	10	$16,500	
T-12 Lamps, Extent : Moderate, Area Affected : 25%								
Location : Throughout The Building								
HID	2%			2020	$11,500	10		
Incandescent	3%			2020	$23,900	2	$100	
Egress Lighting								
Emergency, Service	5%			2033	* *	1		
Emergency, Battery	40%			2020	$38,700	10	$6,900	
Emergency, Battery	10%			2033	* *	10	$1,700	
Exit, Service	45%			2020	$8,700	1		
Exterior Lighting								
Fluorescent	70%			2020	$157,100	10	$4,500	
HID	30%			2033	* *	10	$100	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$7,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2023	$349,600	1	$71,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - #4 Oil Burning Steam Boiliers, The Oil Burners And The Burner Control Panels Were Converted In 1975								
Distribution								
Steam Piping/Pump	100%			2025	$501,400	4	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping And The Vaccuum Pumps Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The F And T Traps Were Replace 5 Years Ago								

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2020	$77,400	1	$8,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Penthouse Mechanical Rooms, The Air Handling Equipment Are Beyond Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And Penthouse Mechanical Rooms								
Explanation : The F & T Steam Traps Were Replaced 5 Years Ago								
Convector/Radiator	75%	Now	$25,400	2030	* *	1	$15,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Various Classroom Throughout, Defective Room Thermostats And Control Valves								
Fan Coil Unit/Heat	5%			2020	$53,800	1	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Kindergarten Class Rooms, The Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kindergarten Classrooms								
Explanation : Units Are Not In Use								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2023	$73,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,000	
Exhaust Fans								
Interior	90%			2020	$71,400	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Penthouse Mechanical Rooms, The Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	10%			2020	$5,700	2	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, The Roof Top Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%	Now	$1,700	2018	$16,700	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Gas Fired Hot Water Heater Is Beyond It's Useful Life Cycle Rating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q

Asset # : 317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	Now	$2,200	2035	* *	4	$7,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : No Insulation On Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2033	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Crawl Space Next To Boiler Room And Fire Sprinkler Room.								
Explanation : Recent Istallation Evident								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2051	* *	1-2	$2,000	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 11 - Q MINISCHOOL**
Address : **54-25 SKILLMAN AVENUE BTWN: 55 ST., ROOSEVELT AVE.**
Borough : **QUEENS**
Agency's Number : **Q810**
Program / Asset # : **BOE0675.010 / 2593**
Yr Built/Renovated : **1990 / 2011**
Area Sq Ft : **10,000**
Project Type : **EDUCATION**
Date of Survey : **31-Oct-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1239** **Lot** : **1**
BIN : **4028447**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$517,400	
Interior Architecture	$83,400	
Electrical		$150,700
Mechanical		$60,800
Total	**$600,800**	**$211,500**
Importance Code A	$517,400	
Importance Code B	$83,400	$211,500
Total	**$600,800**	**$211,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$7,000	$2,300	$700	
Electrical	$100	$200	$100	$300
Mechanical	$10,800	$4,900	$7,200	$9,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$21,800**	**$11,300**	**$12,000**	**$13,500**
Importance Code A	$500	$500	$500	$500
Importance Code B	$18,800	$10,900	$11,100	$13,000
Importance Code C	$2,500		$300	
Total	**$21,800**	**$11,300**	**$12,000**	**$13,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q MINISCHOOL

Asset # : 2593

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$20,900	
Windows								
Aluminum	100%			2041	* *	5	$3,200	
Roof								
Metal Panel	90%	0-2	$210,700	2045	* *			1
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Skylight, Metal/Glass	10%	0-2	$306,700	2055	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 40%								
Location : Over Classrooms								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Over Classrooms								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$800	
Quarry Tile	5%			2038	* *	5	$1,100	
Vinyl Tile	90%			2030	* *	3	$5,100	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$700	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,700	
Gypsum Board	45%	Now	$2,500	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	70%	0-2	$83,400	2045	* *	5	$5,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms								
Gypsum Board	30%	Now	$4,500	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q MINISCHOOL

Asset # : 2593

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	* *	5	$300	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5		
Molded Case Bkrs	95%			2033	* *	5	$300	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$113,000	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$6,900	10	$1,200	
Exit, Service	50%			2025	$1,400	1		
Exterior Lighting								
HID	100%			2025	$37,800	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$9,100	1	$1,100	
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2035	* *	1		
Natural Gas	95%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - Q MINISCHOOL

Asset # : 2593

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2025	$11,200	1	$4,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1st Floor Mechanical Room								
Explanation : 2 - Gas Fired Furnaces								
Radiant Heater	10%			2025	$4,500	2	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	* *	1	$6,300	
Heat Rejection								
Remote Air Cond	100%			2025	$60,800	2	$7,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Interior	100%			2025	$11,200	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$2,400	2	$200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-2								
Explanation : 1 Unit								
Fire Suppression								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 11 - SI**
Address : **50 JEFFERSON STREET @CROMWELL AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R011**
Program / Asset # : **BOE0905.000 / 1441**
Yr Built/Renovated : **1921 / 2000**
Area Sq Ft : **39,000**
Project Type : **EDUCATION**
Date of Survey : **14-Feb-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3303** **Lot** : **18** **BIN** : **5048647**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$72,100	$47,800
Interior Architecture	$66,800	$37,500
Electrical	$805,400	$250,200
Mechanical		$100,000
Total	**$944,300**	**$435,400**
Importance Code A	$72,100	$47,800
Importance Code B	$831,000	$387,700
Importance Code C	$41,300	
Total	**$944,300**	**$435,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,900			$9,500
Interior Architecture	$109,400		$34,100	$1,500
Electrical	$1,500	$1,800	$40,700	$1,400
Mechanical	$42,500	$6,500	$23,100	$6,500
Total	**$210,200**	**$8,300**	**$98,000**	**$18,900**
Importance Code A	$60,800	$4,000	$4,100	$13,500
Importance Code B	$118,000	$4,300	$93,900	$5,400
Importance Code C	$31,400			
Total	**$210,200**	**$8,300**	**$98,000**	**$18,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	10%			2044	* *	10	$14,900	
Masonry: Brick	75%	Now	$72,100	LIFE	* *	5	$47,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 25%								
Location : Building Corners At South Elevation, Between 2nd And 3rd Floors								
Masonry: Granite	10%	Now	$15,100	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$7,000	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$19,000	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$6,400	LIFE	* *	5	$6,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	90%	Now	$21,300	LIFE	* *	5	$7,400	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$7,200	2029	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$11,600	2033	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Marble Panels	5%	Now	$21,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Treads								
Terrazzo	5%	Now	$14,000	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Lobby								
Vinyl Tile	20%	Now	$30,600	2029	* *	3	$4,500	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Cafeteria And 2nd Floor Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor And Cafeteria								
Vinyl Tile	5%			2019	$25,500	3	$1,100	
Wood	60%			2039	* *	5	$67,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$41,300	2027	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Masonry: Brick	20%			LIFE	* *			
Marble Panels	5%	4+	$14,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	Now	$16,500	LIFE	* *	5	$12,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor Corridors								
Ceilings								
Plaster	100%			LIFE	* *	5	$37,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2024	$2,900	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2024	$2,900	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$2,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$200	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$7,500	5	$100	
Molded Case Bkrs	80%			2023	$59,800	5	$800	
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$59,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	88%			2019	$392,100	10	$32,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2019	$6,400	10		
Incandescent	10%			2019	$44,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$147,300	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$4,400	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$161,600	1-3	$9,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$3,900	2029	* *	1	$35,800	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Burner Of Boiler # 1								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,000	2044	* *	4	$2,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Return Steam Traps, Thermostats, Throughout								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%	Now	$9,700	2024	$32,400	1	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Auditorium Blower Coil, Basement								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Basement								
Explanation : The Unit Has Not Been Used Since Radiators Were Installed In Auditorium								
Convector/Radiator	75%			2029	* *	1	$9,700	
Fan Coil Unit/Heat	10%			2024	$60,100	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2032	* *	2	$200	
Window/Wall Unit	10%			2019	$8,200	1		
No Component	80%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$5,200	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,400	
Exhaust Fans								
Interior	90%			2024	$39,900	2	$1,100	
Roof	10%			2019	$3,200	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$9,300	2024	$9,300	2	$500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Roof Drain Is Leaking And Affecting Auditorium								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - SI

Asset # : 1441

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 12 - Q**		
Address	: **42-00 72 STREET @WOODSIDE AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q012**
Program / Asset #	: **BOE0676.000 / 318**	**Yr Built/Renovated**	: **1929 / 2011**
Area Sq Ft	: **96,671**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1349** **Lot** : **28**	**BIN**	: **4031853**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$453,400	$135,800
Interior Architecture	$441,700	$38,700
Electrical	$350,500	$727,500
Mechanical	$257,800	$1,082,400
Total	**$1,503,300**	**$1,984,400**
Importance Code A	$453,400	$492,200
Importance Code B	$1,050,000	$1,492,200
Total	**$1,503,300**	**$1,984,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,400	$9,200	$14,700
Interior Architecture	$2,200	$10,200	$13,000	$18,400
Electrical	$13,400	$22,000	$10,400	$9,400
Mechanical	$69,200	$51,000	$24,900	$15,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$92,700**	**$101,500**	**$65,500**	**$65,800**
Importance Code A	$35,300	$18,900	$17,600	$23,000
Importance Code B	$57,400	$82,600	$47,900	$42,800
Importance Code C				
Total	**$92,700**	**$101,500**	**$65,500**	**$65,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	45%	Now	$122,500	LIFE	* *	5	$40,600	
Water Penetration, Extent : Moderate, Area Affected : 15% *Location : Foundation In Oil Tank Room*								
Masonry: Brick	15%			LIFE	* *	5	$13,500	
Masonry: Brick	30%	Now	$163,400	LIFE	* *	5	$27,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20% *Location : West Facade*								
Weepholes Not Funct, Extent : Moderate, Area Affected : 25% *Location : West Facade*								
Masonry: Granite	2%			LIFE	* *	5	$1,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,800	
Windows								
Aluminum	15%			2048	* *	5	$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1984 Wing*								
Aluminum	55%			2039	* *	5	$18,500	
Aluminum	30%			2045	* *	5	$10,100	
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$29,500	
Masonry: Brick	45%			LIFE	* *	5	$8,600	
Masonry: Brick	15%			LIFE	* *	5	$2,900	
Masonry: Brick	15%			LIFE	* *	5	$2,900	
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,000	
Roof								
Copper/Terne	3%			2038	* *	10	$7,900	
IRMA/Protected Membrane	52%			2033	* *	10	$54,600	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1929 Wing*								
IRMA/Protected Membrane	15%			2018	$125,500	10	$15,700	
IRMA/Protected Membrane	25%			2028	* *	10	$26,200	
Metal Panel	5%			2040	* *	10	$9,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2022	$94,700	3	$11,100	
Cast in Place Concrete	5%			LIFE	* *	5	$16,200	
Ceramic Tile	3%			2032	* *	5	$4,500	
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile	35%			2018	$441,700	3	$19,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1929 Wing								
Explanation : 9x9 Units								
Vinyl Tile	25%			2028	* *	3	$13,900	
Vinyl Tile	25%			2031	* *	3	$13,900	
Interior Walls								
Ceramic Tile	7%			2036	* *	5	$10,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Gypsum Board	23%			LIFE	* *	5	$20,600	
Masonry: Limestone	3%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Foundation In Oil Tank Room								
Plaster	35%			LIFE	* *	5	$15,700	
Plaster	15%			LIFE	* *	5	$6,700	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	2%			LIFE	* *	5	$12,000	
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$7,400	
AcousTileConcealSpLn	20%			2036	* *	5	$36,900	
AcousTileSusp.Lay-In	5%			2028	* *	5	$7,400	
AcousTileSusp.Lay-In	25%			2040	* *	5	$36,900	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	42%			LIFE	* *	5	$38,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : 2 Main Disconnect Switches Rated @ 600 Amperes Each								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	30%			2043	* *	5	$100	
Fused Disc Sw	30%			2023	$51,300	5	$100	
Fused Knife Sw	40%	2-4	$68,400	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Electrical Room								
Raceway								
Conduit	70%			2023	$120,800	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	8%			2039	* *	5	$200	
Fused Knife Sw	2%	2-4	$3,600	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	30%			2022	$53,800	5	$800	
Molded Case Bkrs	30%			2031	* *	5	$800	
Molded Case Bkrs	30%			2039	* *	5	$800	
Wiring								
Braided Cloth	60%	2-4	$153,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$37,800	2043	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	40%			2021	$30,200	5	$300	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	50%							
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Generic	50%			LIFE	* *	5	$700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$29,700	
Generators								
Diesel	100%			2032	* *	1	$37,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside The Building								
Explanation : Olympian Genset; No Ratings Available								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$21,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2051	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside The Building								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$91,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2023	$33,400	10	$6,000	
Exit, Service	75%			2023	$20,100	1		
Exterior Lighting								
HID	100%			2023	$365,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$87,700	1	$10,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$17,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Smoke Detectors, Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	70%			2023	$171,000	5	$21,500	
Natural Gas	30%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2028	* *	1	$14,700	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 4 Roof Top Package Units								
Steam Boiler	70%	Now	$33,800	2021	$337,900	1	$61,900	
Not in Service, Extent : Severe, Area Affected : 35%								
Location : #1 Boiler Is Leaking. Both Units Are Down Frequently								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Old Units - 4 Cast Iron Sectional								
Distribution								
Steam Piping/Pump	70%	Now	$9,700	2023	$484,700	4	$3,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Basement								
No Component	30%							
Terminal Devices								
Air Handler	20%			2018	$106,900	1	$12,300	
Convector/Radiator	35%	Now	$16,400	2028	* *	1	$10,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Unit Heater-Stm/HW	15%	Now	$1,900	2018	$96,100	4	$1,400	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2028	* *	2	$1,800	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : 4 Package Units, New Wing Roof								
Window/Wall Unit	5%			2021	$10,200	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,300	
Exhaust Fans								
Interior	50%			2018	$54,800	2	$1,500	
Roof	50%			2028	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galv Iron/Steel	30%			2021	$88,900	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 12 - Q

Asset # : 318

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$23,100	2	$1,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2028	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1, 2, 3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$50,000	
Sprinkler								
No Component	65%							
Generic	35%			2043	* *	1-2	$9,700	
Fire Pump								
No Component	65%							
Generic	35%			2032	* *	1	$6,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

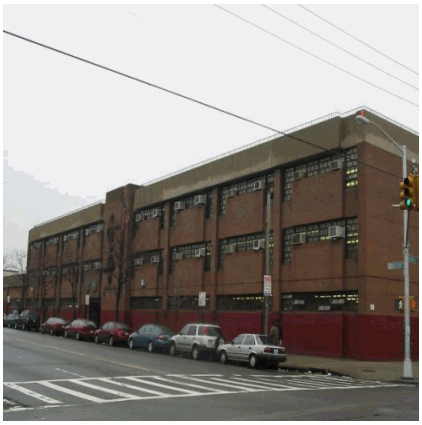
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 13 - BK**		
Address	**: 557 PENNSYLVANIA AVENUE @RIVERDALE AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K013**
Program / Asset #	**: BOE0349.000 / 334**	**Yr Built/Renovated**	**: 1975 / 2011**
Area Sq Ft	**: 54,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 12-Jan-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 3823 Lot : 1**	**BIN**	**: 3085070**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$50,400	$86,700
Interior Architecture	$191,500	$638,400
Electrical	$267,300	$513,600
Mechanical	$77,800	$179,000
Total	**$587,000**	**$1,417,700**
Importance Code A	$50,400	$86,700
Importance Code B	$536,600	$1,331,000
Total	**$587,000**	**$1,417,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,200		
Interior Architecture	$104,000			$9,400
Electrical	$1,500	$15,700	$1,000	$900
Mechanical	$24,600	$8,400	$17,300	$8,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,000**	**$33,200**	**$22,200**	**$22,600**
Importance Code A	$5,500	$10,800	$5,600	$5,500
Importance Code B	$82,400	$22,400	$16,700	$17,100
Importance Code C	$46,100			
Total	**$134,000**	**$33,200**	**$22,200**	**$22,600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$41,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$15,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$10,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	5%			2036	* *	5-10	$6,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	95%			LIFE	* *	5	$45,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$50,400	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Ceramic Tile	3%	Now	$24,300	2032	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$1,300	
Vinyl Tile	90%	Now	$191,500	2023	$638,400	3	$28,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Deflection Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$24,400	2032	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Plaster	62%	Now	$7,300	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	4+	$14,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : At Water Fountains On 3rd Floor Corridor								
Ceilings								
AcousTileConcealSpLn	25%	Now	$33,700	2028	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$6,500	
Plaster	25%			LIFE	* *	5	$13,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$200	
Raceway								
Conduit	80%			2033	* *	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$10,500	5	$100	
Molded Case Bkrs	70%			2022	$73,200	5	$1,000	
Molded Case Bkrs	20%			2031	* *	5	$300	
Wiring								
Thermoplastic	80%			2033	* *	1		
Thermoplastic	20%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	87%			2031	* *	10	$44,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$13,300	10	$100	
Incandescent	10%			2018	$61,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$37,600	10	$6,700	
Exit, Service	50%			2018	$7,500	1		
Exterior Lighting								
HID	100%			2023	$203,900	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$167,800	1-3	$10,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$2,700	2033	* *	5	$8,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Oil Levelometer Control, Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$55,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$77,800	2049	* *	4	$2,700	
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Condensate Return Line								
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Steam Traps, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$3,000	2023	$60,100	1	$6,200	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Control System								
Convector/Radiator	70%			2028	* *	1	$12,600	
Fan Coil Unit/Heat	10%			2023	$83,500	1	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2023	$18,900	1	$2,600	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Chillers								
Ext Pkg Unit - Cooling	5%			2023	$12,900	2	$200	
No Component	85%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2033	* *	4	$400	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2023	$6,600	1	$3,500	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2023	$5,000	2	$3,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,100	
Exhaust Fans								
Interior	20%			2028	* *	2	$300	
Roof	80%			2023	$35,400	2	$1,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$17,300	4	$5,500	
Sanitary Piping								
Cast Iron	100%	Now	$2,400	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Kitchen Slop Sink								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - BK

Asset # : 334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 3rd Floor								
Explanation : One Passenger Unit And One Handicap Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 13 - Q**		
Address	: **55-01 94 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q013**
Program / Asset #	: **BOE0677.000 / 319**	**Yr Built/Renovated**	: **1931 / 2010**
Area Sq Ft	: **179,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **1901** **Lot** : **40**	**BIN**	: **4437297**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$859,300
Interior Architecture	$68,300	$786,700
Electrical	$1,038,200	$290,900
Mechanical	$180,200	$718,200
Total	**$1,286,600**	**$2,655,100**
Importance Code A		$859,300
Importance Code B	$1,286,600	$1,712,800
Importance Code C		$83,000
Total	**$1,286,600**	**$2,655,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$45,900	$12,400	
Interior Architecture	$8,600	$64,700	$3,400	$8,600
Electrical	$27,200	$64,300	$19,100	$19,600
Mechanical	$31,000	$41,800	$58,600	$24,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$74,600**	**$224,600**	**$101,600**	**$60,600**
Importance Code A	$12,700	$58,600	$25,500	$12,700
Importance Code B	$61,900	$161,800	$76,000	$47,900
Importance Code C		$4,200		
Total	**$74,600**	**$224,600**	**$101,600**	**$60,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$50,100	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : 1931 Wing								
Masonry: Brick	35%			LIFE	* *	5	$58,500	
Recent Construction, Extent : Light, Area Affected : 100% Location : New Addition								
Masonry: Granite	2%			LIFE	* *	5	$2,500	
Masonry: Limestone	3%			LIFE	* *	5	$3,800	
Metal Panel	5%			2043	* *	5-10	$57,400	
Pre-Cast Concrete	25%			LIFE	* *	5	$135,800	
Recent Construction, Extent : Light, Area Affected : 100% Location : New Addition								
Windows								
Aluminum	40%			2039	* *	5	$24,900	
Aluminum	57%			2048	* *	5	$35,500	
Glass Block	3%			LIFE	* *	5	$1,200	
Parapets								
Masonry: Brick	35%			LIFE	* *	5	$12,400	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : 1931 Wing								
Masonry: Brick	30%			LIFE	* *	5	$10,600	
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Metal Rail	5%			2043	* *	5-10	$31,900	
Pre-Cast Concrete	25%			LIFE	* *	5	$55,500	
Roof								
Built-Up (BUR)	37%			2023	$329,200	10	$71,900	
Built-Up (BUR)	60%			2033	* *	10	$116,600	
Copper/Terne	3%			2051	* *	10	$14,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,100	
Ceramic Tile	3%			2038	* *	5	$8,200	
Quarry Tile	5%			2043	* *	5	$20,600	
Vinyl Tile	25%			2023	$584,200	3	$34,400	
Vinyl Tile	10%			2028	* *	3	$10,300	
Vinyl Tile	47%			2033	* *	3	$48,400	
Wood	5%			2038	* *	5	$25,800	
Interior Walls								
Ceramic Tile	3%			2038	* *	5	$8,300	
Concrete Masonry Unit	7%			LIFE	* *	5	$7,700	
Gypsum Board	50%			LIFE	* *	5	$83,000	
Plaster	25%			LIFE	* *	5	$20,800	
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$34,100	
AcousTileSusp.Lay-In	50%			2043	* *	5	$136,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$17,100	
Plaster	30%			LIFE	* *	5	$51,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$800	
Switchgear / Switchboard								
Fused Disc Sw	20%			2023	$48,900	5	$200	
Fused Disc Sw	80%			2049	* *	5	$600	
Raceway								
Conduit	40%			2023	$115,600	1		
Conduit	60%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$400	
Molded Case Bkrs	20%			2031	* *	5	$900	
Molded Case Bkrs	10%			2022	$25,400	5	$500	
Molded Case Bkrs	60%			2045	* *	5	$2,800	
Wiring								
Braided Cloth	20%	2-4	$78,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	80%			2049	* *	1		
Motor Controllers								
Locally Mounted	20%			2028	* *	5	$200	
Locally Mounted	80%			2040	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$55,100	
Generators								
Diesel	100%			2036	* *	1	$69,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 350kw								

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,600	
Fuel Storage								
Main Tank	100%			2058	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	39%			2018	$795,500	10	$65,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : Using T-12 Lamps								
Fluorescent	60%			2031	* *	10	$101,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : Using T-8 Lamps								
Incandescent	1%			2018	$20,400	2		
Egress Lighting								
Emergency, Battery	40%			2018	$99,100	10	$17,700	
Exit, Service	60%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$2,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$20,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside And Hallways								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$33,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2049	* *	1		
Interruptible Gas/Dual Fuel	40%			2043	* *	1		
Conversion Equipment								
Furnace	60%			2031	* *	1	$54,500	
Other Observation, Extent : Light, Area Affected : 60%								
Location : New Wing Roof								
Explanation : 4 Roof Top Package Units								
Steam Boiler	40%			2036	* *	1	$72,700	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	40%			2033	* *	4	$5,400	
No Component	60%							
Terminal Devices								
Air Handler	10%			2018	$99,000	1	$11,400	
Convector/Radiator	30%			2021	$520,300	1	$17,800	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	60%			2031	* *	2	$6,700	
Other Observation, Extent : Light, Area Affected : 60%								
Location : New Wing Roof								
Explanation : 4 Roof Top Package Units, 4 Ext. Units								
Window/Wall Unit	5%			2018	$18,900	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$41,000	
Ductwork/Diffusers	60%			LIFE	* *	2-5	$61,400	
Exhaust Fans								
Interior	40%	Now	$1,600	2018	$81,200	2	$1,800	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Auditorium Return Fan, Basement								
Roof	60%			2031	* *	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2049	* *	1		
Galv Iron/Steel	20%			2021	$109,700	1		
Water Heater								
Gas Fired	100%			2021	$42,700	2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - Q

Asset # : 319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	40%			LIFE	* *	1		
Cast Iron	60%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2049	* *	1-5	$55,500	
Sprinkler								
No Component	40%							
Generic	60%			2049	* *	1-2	$30,900	
Fire Pump								
No Component	40%							
Generic	60%			2036	* *	1	$20,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 13 - SI**		
Address	: **191 VERMONT AVENUE @HYLAN BLVD.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R013**
Program / Asset #	: **BOE0906.000 / 2756**	**Yr Built/Renovated**	: **1981 / 2005**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Apr-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2852** **Lot** : **1**	**BIN**	: **5042776**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$355,400	$82,000
Interior Architecture		$465,000
Electrical	$274,400	$516,300
Mechanical	$195,400	$600,000
Total	**$825,200**	**$1,663,400**
Importance Code A	$355,400	$95,000
Importance Code B	$469,800	$1,568,400
Total	**$825,200**	**$1,663,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,200		$11,600	
Interior Architecture	$54,200	$8,900		$2,100
Electrical	$2,300	$2,200	$13,300	$2,300
Mechanical	$17,400	$17,600	$51,800	$19,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$85,100**	**$32,700**	**$80,600**	**$28,300**
Importance Code A	$14,000	$6,900	$18,600	$6,900
Importance Code B	$62,200	$25,800	$62,000	$21,400
Importance Code C	$8,800			
Total	**$85,100**	**$32,700**	**$80,600**	**$28,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$123,700	LIFE	* *	5	$82,000	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Around Exit Doors								
Metal Panel	7%			2044	* *	5-10	$42,400	
Windows								
Aluminum	100%	0-2	$128,800	2040	* *	5	$7,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Parapets								
Masonry: Brick	93%	0-2	$49,300	LIFE	* *	5	$8,500	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Various Locations Along Interior Face								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Interior Face								
Metal Rail	2%			2037	* *	5-10	$3,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$53,600	
Metal Panel	5%			2037	* *	10	$5,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	5%			2033	* *	5	$4,200	
Vinyl Tile	20%			2032	* *	3	$8,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor And Cafeteria, 2011								
Vinyl Tile	65%			2024	$465,000	3	$20,500	
Wood	5%	0-2	$13,900	2052	* *	5	$3,900	
Loose Units, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Split/Cracked, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	5%	4+	$8,800	LIFE	* *	5	$1,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
Concrete Masonry Unit	45%			LIFE	* *	5	$14,300	
Gypsum Board	15%			LIFE	* *	5	$7,100	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$12,600	
AcousTileSusp.Lay-In	55%			2037	* *	5	$46,300	
Exposed Concrete	15%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$5,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2024	$13,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$117,300	5	$200	
Fused Disc Sw	20%			2044	* *	5	$100	
Raceway								
Conduit	20%			2044	* *	1		
Conduit	80%			2024	$99,100	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	65%			2023	$87,400	5	$1,200	
Wiring								
Thermoplastic	80%			2024	$139,100	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$62,900	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building* *Explanation : T-8 Lamps*								
HID	2%			2019	$11,200	10		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	20%			2029	* *	10		
HID	80%			2019	$211,500	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$17,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Heat Exchanger	2%			2033	* *	1	$700	
Steam Boiler	98%			2037	* *	1	$67,900	
Other Observation, Extent : Light, Area Affected : 100% *Location : Boiler Room* *Explanation : 2 Units*								
Distribution								
Hot Wtr Piping/Pump	20%			2040	* *	4	$700	
Steam Piping/Pump	80%			2044	* *	4	$2,800	
Terminal Devices								
Air Handler	80%			2024	$302,000	1	$34,600	
Convector/Radiator	20%			2029	* *	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	20%			2025	$180,300	2	$900	
Reciprocating Compr/Chiller	40%	0-2	$95,000	2034	* *	1	$11,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2034	* *	4	$2,100	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2024	$71,400	1	$17,300	
No Component	60%							
Heat Rejection								
Remote Air Cond	40%	Now	$100,400	2034	* *	2	$15,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	60%			2024	$46,400	2	$1,300	
Roof	40%			2024	$22,300	2	$900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$16,300	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$4,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : 1 Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 13 - SI

Asset # : 2756

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$36,600	
Sprinkler								
No Component	80%							
Generic	20%			2044	* *	1-2	$3,900	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 14 - Q**				
Address	: **107-01 OTIS AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q014**
Program / Asset #	: **BOE0678.000 / 321**			**Yr Built/Renovated**	: **1915 / 1995**
Area Sq Ft	: **129,862**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **1954**	**Lot**	: **37**	**BIN**	: **4437311**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$341,000	$276,700
Interior Architecture	$735,700	$523,200
Electrical	$1,634,200	$151,200
Mechanical		$627,200
Total	**$2,711,000**	**$1,578,300**
Importance Code A	$341,000	$276,700
Importance Code B	$2,066,400	$1,212,200
Importance Code C	$303,500	$89,400
Total	**$2,711,000**	**$1,578,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,800		$200	
Interior Architecture	$138,400			$16,500
Electrical	$16,700	$12,600	$41,200	$13,100
Mechanical	$31,500	$25,700	$56,800	$32,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$220,300**	**$42,200**	**$102,100**	**$65,500**
Importance Code A	$42,700	$12,900	$13,300	$12,900
Importance Code B	$148,300	$29,400	$88,800	$52,700
Importance Code C	$29,400			
Total	**$220,300**	**$42,200**	**$102,100**	**$65,500**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,300	
Masonry: Brick	45%			LIFE	* *	5	$67,200	
Masonry: Brick	25%			LIFE	* *	5	$37,300	
Masonry: Limestone	10%			LIFE	* *	5	$11,200	
Metal Panel	10%	0-2	$5,400	2044	* *	5	$28,000	
Corrosion/Rusting, Extent : Light, Area Affected : 10% *Location : Throughout*								
Pre-Cast Concrete	5%			LIFE	* *	5	$24,300	
Windows								
Aluminum	35%	Now	$102,700	2040	* *	5	$6,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30% *Location : Throughout*								
Wood	65%			2040	* *	5	$227,600	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$900	
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Masonry: Brick	50%	Now	$5,900	LIFE	* *	5	$2,000	
Miss/Damaged Flashings, Extent : Light, Area Affected : 30% *Location : Throughout*								
Water Penetration, Extent : Light, Area Affected : 5% *Location : Throughout*								
Masonry: Brick	25%			LIFE	* *	5	$1,000	
Metal Panel	2%			2044	* *	5	$300	
Metal Rail	13%			2037	* *	5-10	$9,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	62%			2029	* *	10	$65,500	
Copper/Terne	3%	Now	$12,800	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20% *Location : Throughout*								
IRMA/Protected Membrane	35%	Now	$59,000	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25% *Location : Over Room 421 Throughout*								
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Room 421*								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$42,500	
Ceramic Tile	5%	0-2	$18,800	2033	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%	0-2	$11,600	2029	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	0-2	$22,600	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$120,600	2034	* *	5	$6,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings Of 1915 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stair Landings Of 1915 Wing								
Vinyl Tile	35%			2029	* *	3	$34,000	
Vinyl Tile	20%	0-2	$33,100	2024	$330,500	3	$14,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	13%	0-2	$214,900	2034	* *	3	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors Of 1915 Wing								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%	0-2	$16,000	2039	* *	5	$9,100	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$29,400	2027	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	30%			LIFE	* *	5	$51,100	
Gypsum Board	10%			LIFE	* *	5	$25,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$169,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	0-2	$51,300	LIFE	* *	5	$38,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%	0-2	$82,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	0-2	$15,700	2037	* *	5	$12,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	Now	$15,700	2037	* *	5	$19,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 421 And Various Others In New Wing								
Exposed Concrete	10%			LIFE	* *	5	$3,000	
Gypsum Board	10%			LIFE	* *	5	$24,300	
Plaster	50%	0-2	$63,800	LIFE	* *	5	$60,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2044	* *	5	$400	
Molded Case Bkrs	20%			2024	$39,100	5	$700	
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$22,400	5	$300	
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	35%			2040	* *	5	$1,200	
Molded Case Bkrs	50%			2023	$112,100	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$900	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$40,000	
Generators								
Diesel	100%			2033	* *	1	$50,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 350 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$28,900	
Fuel Storage								
Main Tank	100%			2052	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$35,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	67%			2019	$966,500	10	$79,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
HID	3%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	15%			2029	* *	1		
Exit, Service	35%			2019	$12,300	1		
Exterior Lighting								
HID	70%			2019	$343,300	10	$300	
HID	30%			2029	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2027	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Chimney								
Explanation : Copper								
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$28,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$128,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers In Use								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$6,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Tank And Pump								
Terminal Devices								
Air Handler	10%			2024	$70,000	1	$8,000	
Convector/Radiator	70%			2029	* *	1	$29,400	
Fan Coil Unit/Heat	20%			2024	$388,900	1	$8,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	$12,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
Window/Wall Unit	20%			2022	$53,400	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2044	* *	4	$1,300	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2029	* *	1	$8,000	
Fan Coil - Cool/Heat	10%			2029	* *	1	$4,200	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2029	* *	2	$18,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,400	
Exhaust Fans								
Interior	80%			2024	$114,800	2	$3,200	
Roof	20%			2029	* *	2	$800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q

Asset # : 321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$30,200	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 600 Gallon Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C - 4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$67,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Dry System								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$3,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Storage Closets								
Explanation : For Storage Spaces Only								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood - Ansul 102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 14 - SI**				
Address	: **100 TOMPKINS AVENUE @ HILL ST.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R014**	
Program / Asset #	: **BOE0907.000 / 1442**		**Yr Built/Renovated**	: **1950 / 2009**	
Area Sq Ft	: **112,215**		**Project Type**	: **EDUCATION**	
Date of Survey	: **31-Jan-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **545**	**Lot** : **110**	**BIN**	: **5014176**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$115,000	$170,200
Interior Architecture	$1,109,100	$42,500
Electrical	$149,200	$1,436,800
Mechanical		$156,000
Total	**$1,373,300**	**$1,805,500**
Importance Code A	$115,000	$170,200
Importance Code B	$681,400	$1,592,800
Importance Code C	$577,000	$42,500
Total	**$1,373,300**	**$1,805,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,500		$1,700	
Interior Architecture	$273,200	$10,500		$8,400
Electrical	$19,300	$2,000	$900	$14,400
Mechanical	$16,600	$14,900	$26,700	$14,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$317,600**	**$31,300**	**$33,200**	**$41,700**
Importance Code A	$14,800	$10,000	$11,700	$10,000
Importance Code B	$244,400	$21,300	$21,500	$31,700
Importance Code C	$58,400			
Total	**$317,600**	**$31,300**	**$33,200**	**$41,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Masonry: Brick	90%			LIFE	* *	5	$49,700	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Windows								
Aluminum	95%	0-2	$115,000	2041	* *	5	$13,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$400	
Steel	3%	2-4	$4,500	2033	* *	5	$5,400	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	5%			LIFE	* *	5	$800	
Copper/Terne	5%			2069	* *	5	$3,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$12,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
Metal Panel	4%			2042	* *	10	$9,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Modified Bitumen	95%			2035	* *	10	$120,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	1%			2035	* *	10	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%	2-4	$107,200	2027	* *	3	$12,600	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	5%	Now	$32,600	2028	* *	5	$4,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	50%			2030	* *	3	$31,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$370,000	2035	* *	3	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	Now	$27,700	2053	* *	5	$15,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$24,900	2028	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$33,400	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	47%	Now	$227,100	LIFE	* *	5	$42,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%	2-4	$349,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	2-4	$15,600	2030	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2042	* *	5	$8,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	60%	0-2	$162,100	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	25%	Now	$27,600	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair #1 At Second Floor; Corridor At Exit 5/6 And Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp And One 1200 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$500	
Raceway								
Conduit	80%			2051	* *	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Knife Sw	10%	Now	$17,900	2050	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Molded Case Bkrs	35%			2047	* *	5	$1,000	
Molded Case Bkrs	50%			2033	* *	5	$1,500	
Wiring								
Braided Cloth	50%	2-4	$149,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$103,600	5	$700	
Locally Mounted	10%			2030	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	30%			2033	* *	10	$30,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	60%			2025	$747,900	10	$61,800	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	2%			2025	$17,900	10	$100	
Incandescent	8%			2025	$99,700	2	$200	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$13,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$423,800	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$8,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2045	* *	1		
Interruptible Gas/Dual Fuel	80%			2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 5,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%	Now	$1,400	2030	* *	1	$10,000	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : The Bms Control								
Steam Boiler	80%			2042	* *	1	$88,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2035	* *	4	$4,400	
No Component	20%							
Terminal Devices								
Air Handler	30%			2030	* *	1	$20,800	
Convector/Radiator	50%			2030	* *	1	$18,100	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2030	* *	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : 3 Roof Top Package Units Are On Annex Roof								
Window/Wall Unit	30%			2023	$69,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,600	
Exhaust Fans								
Interior	70%			2025	$86,800	2	$2,400	
Roof	30%			2030	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$26,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2033	* *	4	$1,600	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Pump Is Down, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - SI

Asset # : 1442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 70%								
Location : 1st And 3rd Floor Toilet Rooms								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2035	* *	1-2	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 15 - BK**
Address : **71 SULLIVAN STREET BTWN: RICHARDS ST., VAN BRUNT ST**
Borough : **BROOKLYN**
Agency's Number : **K015**
Program / Asset # : **BOE0351.000 / 361**
Yr Built/Renovated : **1968 / 2014**
Area Sq Ft : **80,000**
Project Type : **EDUCATION**
Date of Survey : **08-May-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **566** **Lot** : **1** **BIN** : **3008585**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,005,000	$730,500
Interior Architecture	$933,100	$40,300
Electrical	$1,321,000	$409,700
Mechanical	$179,800	$787,000
Total	**$3,438,900**	**$1,967,500**
Importance Code A	$1,005,000	$767,500
Importance Code B	$2,434,000	$1,200,000
Total	**$3,438,900**	**$1,967,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,700	$7,000		
Interior Architecture	$28,900	$11,700	$1,900	$14,500
Electrical			$900	$35,200
Mechanical	$16,400	$7,300	$15,500	$23,900
Total	**$61,000**	**$26,100**	**$18,300**	**$73,600**
Importance Code A	$15,700	$7,000		$200
Importance Code B	$19,000	$19,100	$18,300	$73,400
Importance Code C	$26,300			
Total	**$61,000**	**$26,100**	**$18,300**	**$73,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$15,700	LIFE	* *	5	$27,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Interface With Brick								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : North Facade, South Facade								
Glazed Ceramic Panel	5%			LIFE	* *	5	$13,000	
Masonry: Brick	75%	0-2	$63,000	LIFE	* *	5	$41,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	10%			2038	* *	5	$13,900	
Windows								
Steel	100%	Now	$713,100	2050	* *	5	$85,300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Metal Rail	100%	0-2	$79,600	2030	* *	5	$105,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Around Pitch Pockets								
Roof								
Built-Up (BUR)	100%	Now	$149,300	2025	$497,500			
Alligatoring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$2,600	LIFE	* *	5	$27,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2034	* *	5	$3,700	
Terrazzo	2%			LIFE	* *	5	$1,900	
Vinyl Tile	74%	Now	$155,500	2020	$777,600	3	$34,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	1%			2030	* *	3	$500	
Wood	10%			2053	* *	5	$23,200	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,400	
Folding Partition	5%			2041	* *	5	$13,700	
Plaster	60%	Now	$26,300	LIFE	* *	5	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2030	* *	5	$6,200	
Exposed Concrete	45%			LIFE	* *	5	$8,700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$40,300			
Plaster	40%			LIFE	* *	5	$30,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch And One 400 Amps For Emergency Service								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	15%			2041	* *	5	$300	
Molded Case Bkrs	75%			2024	$100,900	5	$1,600	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	10%			2025	$17,400	1		
Motor Controllers								
Locally Mounted	10%			2023	$7,600	5	$100	
Locally Mounted	90%			2045	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	83%			2020	$761,200	10	$62,900	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2035	* *	10	$11,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Boiler Room, Storage & Electrical Rooms								
HID	2%			2020	$13,200	10	$100	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Gym								
Egress Lighting								
Emergency, Battery	50%			2020	$55,700	10	$10,000	
Exit, Service	50%			2020	$11,100	1		
Exterior Lighting								
HID	100%			2020	$302,100	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : 1 Temporary Steam Boiler Being Used								
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2025	$89,000	1	$10,200	
Convector/Radiator	80%			2023	$623,900	1	$21,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$127,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - BK

Asset # : 361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2025	$18,300	2	$500	
Roof	80%			2020	$52,500	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$74,000	1		
Water Heater								
Electric	100%			2024	$12,800	4	$500	
HW Heat Exchanger								
Low Temp	100%			2025	$25,600	4	$12,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 15 - M**		
Address	: **333 EAST 4 STREET @AVENUES C-D**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M015**
Program / Asset #	: **BOE0010.000 / 438**	**Yr Built/Renovated**	: **1904 / 2004**
Area Sq Ft	: **60,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **374** **Lot** : **20**	**BIN**	: **1004415**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$142,300
Interior Architecture		$553,800
Electrical	$325,500	$956,900
Mechanical	$419,700	$681,800
Total	**$745,200**	**$2,334,800**
Importance Code A	$300,400	$142,300
Importance Code B	$444,800	$2,192,500
Total	**$745,200**	**$2,334,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,200		$28,900	$15,700
Interior Architecture	$2,500	$12,700	$4,300	$2,500
Electrical	$11,300	$1,700	$20,700	$1,900
Mechanical	$52,800	$20,100	$29,900	$10,300
Total	**$78,900**	**$34,500**	**$83,800**	**$30,500**
Importance Code A	$12,200	$6,100	$35,000	$22,000
Importance Code B	$66,700	$25,500	$48,800	$8,600
Importance Code C		$2,900		
Total	**$78,900**	**$34,500**	**$83,800**	**$30,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$44,800	
Masonry: Brick	85%			LIFE	* *	5	$97,500	
Masonry: Limestone	10%			LIFE	* *	5	$8,600	
Windows								
Aluminum	97%			2040	* *	5	$31,400	
Metal Louvers	3%			2033	* *	10	$6,100	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$5,900	
Metal Rail	10%			2037	* *	5-10	$15,200	
Metal: Cage/Fence	5%			2037	* *	5-10	$3,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,600	
Stucco Cement	10%			2037	* *	5	$2,200	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$28,900	
Copper/Terne	5%			2052	* *	10	$4,000	
Paver: Asphalt	5%			2033	* *	10	$2,400	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$4,600	
Terrazzo	3%			LIFE	* *	5	$2,200	
Vinyl Tile	65%			2024	$510,500	3	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout* *Explanation : 9 inch X 9 inch Tiles*								
Vinyl Tile	22%			2029	* *	3	$10,200	
Wood	5%			2039	* *	5	$8,700	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$5,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Glass: Single Pane	3%			LIFE	* *	5	$2,600	
Plaster	57%			LIFE	* *	5	$19,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,200	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$5,800	
Plaster	75%			LIFE	* *	5	$43,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$5,200	5	$100	
Molded Case Bkrs	95%			2046	* *	5	$1,500	
Wiring								
Braided Cloth	80%	0-2	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$22,700	5	$200	
Locally Mounted	50%			2041	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	82%			2024	$562,100	10	$46,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2032	* *	10	$5,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	5%			2032	* *	10	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lamps								
HID	1%			2019	$4,900	10		
Incandescent	2%			2019	$13,700	2		
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$7,400	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$226,600	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$186,400	1-3	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$19,100	
Conversion Equipment								
Steam Boiler	100%	2-4	$300,400	2044	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,100	2024	$430,900	4	$3,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Leaks At Basement Back Area Hallway And Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Traps And Thermostats								
Terminal Devices								
Air Handler	20%			2024	$66,600	1	$7,600	
Convector/Radiator	80%			2029	* *	1	$16,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$76,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - M

Asset # : 438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2024	$34,100	2	$900	
Roof	50%	Now	$24,500	2034	* *	2	$800	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$18,400	2022	$184,300	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement Water Booster Pump Room And Boiler Room Stairwell Area								
Explanation : Corroded And Water Leaking								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$9,200	
Sanitary Piping								
Cast Iron	100%	4+	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$900	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 15 - Q**
Address : **121-15 LUCAS STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0679.000 / 322**
Area Sq Ft : **55,000**
Date of Survey : **08-Feb-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12672** **Lot** : **1**

Agency's Number : **Q015**
Yr Built/Renovated : **1939 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4273142**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,500	$43,600
Interior Architecture		$215,400
Electrical	$86,900	$1,096,400
Mechanical	$39,400	$148,800
Total	**$161,900**	**$1,504,300**
Importance Code A	$35,500	$43,600
Importance Code B	$126,300	$1,460,600
Total	**$161,900**	**$1,504,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,500		$17,900	$8,600
Interior Architecture	$19,200	$5,300		$4,800
Electrical	$9,000	$10,300	$36,800	$11,900
Mechanical	$15,000	$14,300	$49,700	$12,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$52,700**	**$33,900**	**$108,400**	**$41,600**
Importance Code A	$11,000	$5,600	$23,600	$14,200
Importance Code B	$41,700	$28,300	$84,700	$27,400
Importance Code C				
Total	**$52,700**	**$33,900**	**$108,400**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$10,300	
Masonry: Brick	65%			LIFE	* *	5	$33,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : 1939 Wing								
Masonry: Limestone	10%			LIFE	* *	5	$3,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,300	
Windows								
Aluminum	90%			2040	* *	5	$17,200	
Glass Block	5%			LIFE	* *	5	$600	
Metal Louvers	5%			2033	* *	10	$6,000	
Parapets								
Concrete Masonry Unit	15%			LIFE	* *	5	$1,800	
Masonry: Brick	20%			LIFE	* *	5	$2,200	
Masonry: Brick	62%			LIFE	* *	5	$6,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : 1939 Wing								
Pre-Cast Concrete	3%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	65%	Now	$35,500	2029	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : 1939 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : 1939 Wing								
IRMA/Protected Membrane	30%			2029	* *	10	$17,900	
Metal Panel	5%			2037	* *	10	$5,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,200	
Ceramic Tile	5%			2033	* *	5	$4,200	
Vinyl Tile	45%			2029	* *	3	$19,000	
Vinyl Tile	30%			2024	$215,400	3	$9,500	
Wood	15%			2052	* *	5	$23,800	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$5,100	
Masonry: Brick	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$16,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2037	* *	5	$5,200	
Exposed Concrete	10%			LIFE	* *	5	$1,300	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$10,500	
Plaster	65%			LIFE	* *	5	$34,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Service Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	80%			2044	* *	5	$200	
Fused Disc Sw	20%			2024	$29,300	5		
Raceway								
Conduit	60%			2024	$74,300	1		
Conduit	40%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$5,200	5	$100	
Molded Case Bkrs	50%			2040	* *	5	$700	
Molded Case Bkrs	45%			2023	$47,100	5	$700	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2029	* *	5	$300	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$16,900	
Generators								
Diesel	100%			2033	* *	1	$21,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Nameplate Rating 80 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$12,300	
Fuel Storage								
Day Tank	50%			2040	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Capacity								
Underground Storage	50%			LIFE	* *	5	$1,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2024	$376,000	10	$31,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
Fluorescent	38%			2029	* *	10	$19,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
HID	1%			2029	* *	10		
Incandescent	1%			2024	$6,300	2		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								
Security System								
Generic	100%			2029	* *	1	$20,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Functional								
Fire/Smoke Detection								
Generic	100%			2024	$569,700	1-3	$33,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm System Is Functional, Alarm Bells, And Smoke Detectors , Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$5,500	2037	* *	1	$50,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Leaks #1 Burner								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$39,400	2034	* *	4	$2,800	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Thermostats								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2024	$60,800	1	$7,000	
Convector/Radiator	80%			2029	* *	1	$14,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2029	* *	1	$7,900	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing								
Window/Wall Unit	10%			2019	$11,600	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	30%	Now	$1,700	2044	* *	4	$800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor New Wing								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2029	* *	1	$10,500	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2029	* *	2	$11,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$22,000	
No Component	30%							
Exhaust Fans								
Interior	60%			2024	$37,400	2	$1,000	
Roof	10%			2024	$4,500	2	$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$50,600	1		
Water Heater								
Gas Fired	100%			2019	$13,100	2	$800	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$8,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 15 - Q

Asset # : 322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : B, 1, 2, 3 In New Addition								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$28,500	
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 16 - BK**		
Address	: **157 WILSON STREET @BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K016**
Program / Asset #	: **BOE0352.000 / 2685**	**Yr Built/Renovated**	: **1918 / 2008**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2177** **Lot** : **1**	**BIN**	: **3059906**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$792,300	$529,300
Interior Architecture	$918,200	$48,600
Electrical	$270,000	$1,926,300
Mechanical	$164,400	
Total	**$2,144,900**	**$2,504,100**
Importance Code A	$792,300	$529,300
Importance Code B	$1,065,900	$1,974,800
Importance Code C	$286,700	
Total	**$2,144,900**	**$2,504,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,800			
Interior Architecture	$64,900	$3,900	$7,800	$12,600
Electrical	$3,400	$4,600	$23,900	$3,400
Mechanical	$33,800	$15,200	$49,100	$15,200
Total	**$117,900**	**$23,700**	**$80,800**	**$31,300**
Importance Code A	$25,900	$10,300	$10,500	$10,300
Importance Code B	$87,200	$13,400	$70,300	$21,000
Importance Code C	$4,800			
Total	**$117,900**	**$23,700**	**$80,800**	**$31,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$78,600	LIFE	* *	5	$75,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%			LIFE	* *	5	$57,900	
Masonry: Brick	50%	0-2	$145,600	LIFE	* *	5	$96,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$58,200	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : 1918 Bulkhead								
Masonry: Limestone	5%	0-2	$52,700	LIFE	* *	5	$7,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$457,200	2040	* *	5	$27,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,500	
Masonry: Brick	30%			LIFE	* *	5	$4,200	
Masonry: Brick	65%			LIFE	* *	5	$9,200	
Roof								
Copper/Terne	5%	0-2	$1,800	2052	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	65%	0-2	$14,000	2024	$280,100			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	30%			2032	* *	10	$16,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,000	
Ceramic Tile	5%			2033	* *	5	$7,800	
Quarry Tile	5%			2037	* *	5	$11,700	
Slate	5%	0-2	$54,300	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Stairs								
Terrazzo	5%	0-2	$18,100	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$96,400	2034	* *	5	$4,900	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	65%	0-2	$429,700	2029	* *	3	$37,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : 1918 Wing Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 1918 Wing Corridors								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 1918 Wing								
Explanation : 9x9 Units								
Wood	5%			2052	* *	5	$14,600	
Interior Walls								
Cast in Place Concrete	5%	2-4	$61,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2027	* *	5	$9,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,900	
Masonry: Brick	2%			LIFE	* *			
Marble Panels	3%	2-4	$46,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	0-2	$85,400	LIFE	* *	5	$31,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$93,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$28,900	2029	* *	5	$7,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
AcousTileSusp.Lay-In	10%			2044	* *	5	$15,600	
Embossed Metal	5%			LIFE	* *	5	$3,500	
Exposed Concrete	25%			LIFE	* *	5	$6,100	
Plaster	50%	0-2	$51,000	LIFE	* *	5	$48,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protectors Rated @ 1200 And 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	25%			2040	* *	5	$600	
Molded Case Bkrs	10%			2040	* *	5	$300	
Molded Case Bkrs	65%			2023	$116,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$1,130,900	10	$93,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2024	$16,600	10	$100	
Egress Lighting								
Emergency, Service	40%			2019	$20,400	1		
Exit, Service	60%			2024	$16,800	1		
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$61,100	1	$7,500	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	$418,400	1-3	$24,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$10,100	2037	* *	1	$92,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler Controls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$36,300	2044	* *	4	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$5,600	2029	* *	1	$11,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Convector/Radiator	80%			2037	* *	1	$26,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BK

Asset # : 2685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%	Now	$12,800	2019	$128,100	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,900	
Exhaust Fans								
Interior	60%			2029	* *	2	$1,900	
Roof	40%			2029	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2019	$24,200	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,500	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 16 - SI**
Address : **80 MONROE AVENUE @ BENZIGER AVE.**
Borough : **STATEN ISLAND** | **Agency's Number** : **R016**
Program / Asset # : **BOE0908.000 / 1443** | **Yr Built/Renovated** : **1966 / 2006**
Area Sq Ft : **92,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **18** **Lot** : **15** | **BIN** : **5000291**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$738,000	$214,300
Interior Architecture	$1,422,800	
Electrical	$2,010,000	$383,900
Mechanical	$153,600	$42,000
Total	**$4,324,300**	**$640,200**
Importance Code A	$738,000	$251,300
Importance Code B	$3,404,700	$388,900
Importance Code C	$181,600	
Total	**$4,324,300**	**$640,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,900			
Interior Architecture	$33,700			$15,100
Electrical	$2,100	$2,900	$81,800	$1,900
Mechanical	$15,000	$17,000	$83,300	$14,700
Total	**$84,600**	**$19,900**	**$165,200**	**$31,700**
Importance Code A	$43,300	$9,400	$9,600	$9,400
Importance Code B	$21,500	$10,500	$155,600	$22,300
Importance Code C	$19,900			
Total	**$84,600**	**$19,900**	**$165,200**	**$31,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$65,600	
Masonry: Brick	85%			LIFE	* *	5	$74,300	
Windows								
Aluminum	100%			2046	* *	5	$18,800	
Parapets								
Cast in Place Concrete	70%			LIFE	* *	5	$74,400	
Metal Rail	30%			2037	* *	5-10	$55,800	
Roof								
Copper/Terne	5%			2052	* *	10	$9,400	
IRMA/Protected Membrane	95%	Now	$170,300	2019	$567,700			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,500	
Ceramic Tile	5%	Now	$13,800	2033	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	15%	Now	$18,100	2029	* *	3	$8,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And 3rd Floor Corridor 12x12 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Vinyl Tile	70%	Now	$253,800	2019	$845,900	3	$37,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Interior Walls								
Cast in Place Concrete	5%	Now	$19,900	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Basement Sump Pump Room								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Plaster	60%	Now	$181,600	LIFE	* *	5	$22,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$59,400	2029	* *	5	$10,700	
Broken/Missing Elements, Extent : Light, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	70%	Now	$64,000	LIFE	* *	5	$15,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Sump Pump Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement Sump Pump Room								
Metal Panel	5%			LIFE	* *	5	$8,900	
Plaster	10%			LIFE	* *	5	$8,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 And 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$119,700	5	$300	
Fused Disc Sw	30%			2044	* *	5	$100	
Raceway								
Conduit	85%			2034	* *	1		
Conduit	15%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,900	
Wiring								
Braided Cloth	75%	0-2	$191,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2024	$38,300	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	60%			2022	$45,300	5	$400	
Locally Mounted	40%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2019	$991,500	10	$81,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2019	$22,700	10	$100	
Incandescent	3%			2019	$31,600	2	$100	
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Basement And Stairways								
Egress Lighting								
Emergency, Battery	50%			2019	$64,000	10	$11,500	
Exit, Service	50%			2019	$12,800	1		
Exterior Lighting								
HID	100%			2019	$347,500	10	$300	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$333,500	1-3	$19,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$29,400	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$94,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$7,000	
Terminal Devices								
Air Handler	30%			2019	$153,600	1	$17,600	
Convector/Radiator	70%			2029	* *	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$19,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - SI

Asset # : 1443

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2024	$42,000	2	$1,200	
Roof	60%			2029	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2019	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2024	$8,900	1	$5,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,300	
Chemical System								
Dry	10%			2019	$2,600	1-3	$5,100	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 17 - BK**				
Address	: **208 NORTH 5 STREET @ROEBLING ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K017**	
Program / Asset #	: **BOE0353.000 / 362**		**Yr Built/Renovated**	: **1921 / 2011**	
Area Sq Ft	: **89,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Sep-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2345**	**Lot** : **1**	**BIN**	: **3062337**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$295,100	$253,500
Interior Architecture	$562,800	$267,100
Electrical	$1,130,200	$398,800
Mechanical	$291,700	$1,051,600
Total	**$2,279,700**	**$1,971,100**
Importance Code A	$295,100	$277,600
Importance Code B	$1,984,700	$1,657,700
Importance Code C		$35,800
Total	**$2,279,700**	**$1,971,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$15,900	$21,600	
Interior Architecture	$14,500	$14,600	$3,400	$1,700
Electrical	$20,900	$2,900	$1,800	$2,100
Mechanical	$86,200	$12,300	$24,800	$12,300
Total	**$121,700**	**$45,700**	**$51,700**	**$16,100**
Importance Code A	$9,100	$25,200	$30,700	$9,100
Importance Code B	$101,500	$20,500	$21,000	$7,100
Importance Code C	$11,100			
Total	**$121,700**	**$45,700**	**$51,700**	**$16,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$66,400	
Masonry: Brick	85%			LIFE	* *	5	$144,600	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,400	
Metal Panel	5%			2033	* *	5-10	$58,500	
Windows								
Aluminum	90%			2039	* *	5	$43,300	
Metal Clad	10%	Now	$249,800	2048	* *	5	$15,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	95%			2028	* *	10	$45,300	
Metal Panel	5%			2036	* *	10	$4,400	
Interior								
Floors								
Carpet	5%			2022	$87,500	3	$10,300	
Cast in Place Concrete	5%			LIFE	* *	5	$15,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2032	* *	5	$6,900	
Ceramic Tile	5%			2026	$132,800	5	$6,900	
Marble Panels	5%			LIFE	* *	5	$5,100	
Vinyl Tile	10%	Now	$116,500	2033	* *	3	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile	35%			2018	$407,800	3	$18,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	30%			2038	* *	5	$77,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$8,500	
Gypsum Board	5%			LIFE	* *	5	$5,100	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$33,300	
Plaster	5%	Now	$6,800	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 501, 507								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$17,100	
Embossed Metal	15%			LIFE	* *	5	$9,200	
Gypsum Board	5%			LIFE	* *	5	$8,600	
Plaster	70%			LIFE	* *	5	$59,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2023	$13,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps								
Fused Disc Sw	35%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Sw Building								
Fused Disc Sw	30%			2023	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	5%			2043	* *	5		
Fused Knife Sw	95%	2-4	$162,500	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	30%			2045	* *	5	$700	
Molded Case Bkrs	50%			2022	$89,700	5	$1,200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$68,000	5	$500	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$78,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2028	* *	10	$100	
Incandescent	3%			2023	$30,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$61,700	10	$11,000	
Exit, Service	50%			2023	$12,300	1		
Exterior Lighting								
HID	100%			2018	$336,100	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$322,600	1-3	$19,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$90,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,800	2033	* *	4	$4,500	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Traps And Vacuum Condensate Pumps								
Terminal Devices								
Air Handler	10%	Now	$2,500	2018	$49,400	1	$5,100	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Coil Of Auditorium Ahu, Basement								
Convector/Radiator	90%			2021	$778,200	1	$26,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$141,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,000	
Exhaust Fans								
Interior	100%	Now	$20,200	2018	$101,200	2	$2,200	
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	$273,400	1		
Water Heater								
Gas Fired	100%	Now	$21,300	2023	$21,300	2	$1,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2023	$28,400	4	$9,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$12,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Street Sewer Backup Causes Water Flooding 3 Feet High In Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - BK

Asset # : 362

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	50%	Now	$1,100	2028	* *	4	$800	
Noisy/Vibrating, Extent : Severe, Area Affected : 50%								
Location : Basement								
Submersible	50%			2017	$3,300	4	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$21,400	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 17 - Q**				
Address	: **28-37 29 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q017**
Program / Asset #	: **BOE0680.000 / 323**			**Yr Built/Renovated**	: **1967 / 2007**
Area Sq Ft	: **99,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **594**	**Lot**	: **1**	**BIN**	: **4007663**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$530,100
Interior Architecture	$911,200	
Electrical	$1,882,700	$558,900
Mechanical	$84,000	$175,200
Total	**$2,878,000**	**$1,264,100**
Importance Code A		$567,100
Importance Code B	$2,747,000	$697,000
Importance Code C	$131,000	
Total	**$2,878,000**	**$1,264,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$8,800	$10,100
Interior Architecture	$85,200		$34,400	$13,200
Electrical	$18,100	$3,200	$28,900	$2,700
Mechanical	$49,300	$21,800	$38,100	$15,500
Total	**$152,500**	**$24,900**	**$110,200**	**$41,600**
Importance Code A	$10,100	$10,100	$19,200	$20,300
Importance Code B	$112,400	$14,800	$91,000	$12,900
Importance Code C	$30,100			$8,500
Total	**$152,500**	**$24,900**	**$110,200**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - Q

Asset # : 323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$23,500	
Ceramic Tile	5%			2044	* *	10	$4,400	
Masonry: Brick	85%			LIFE	* *	5	$80,000	
Metal Panel	5%			2034	* *	5-10	$32,300	
Windows								
Aluminum	100%			2040	* *	5	$20,300	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$11,400	
Masonry: Brick	90%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	100%			2024	$369,400	10	$80,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,500	
Ceramic Tile	5%	4+	$14,800	2033	* *	5	$3,800	
Worn/Eroded, Extent : Light, Area Affected : 20%								
Location : Bathrooms								
Vinyl Tile	25%			2029	* *	3	$19,100	
Vinyl Tile	60%			2019	$780,200	3	$34,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tile								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%	Now	$30,100	LIFE	* *	5	$5,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads, Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Folding Partition	5%			2040	* *	5	$16,900	
Plaster	55%			LIFE	* *	5	$22,300	
SGFT/Glazed Masonry	25%	2-4	$131,000	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - Q

Asset # : 323

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2029	* *	5	$45,800	
Exposed Concrete	45%			LIFE	* *	5	$10,700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Metal Panel	5%	Now	$25,500	LIFE	* *	5	$9,600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	10%	2-4	$10,000	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$153,900	5	$400	
Fused Disc Sw	10%			2044	* *	5		
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$26,900	5	$300	
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$143,500	5	$2,100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - Q

Asset # : 323

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%	2-4	$15,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$908,000	10	$75,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	20%			2019	$227,000	2	$500	
Egress Lighting								
Emergency, Battery	50%			2019	$68,900	10	$12,300	
Exit, Service	50%			2019	$13,800	1		
Exterior Lighting								
HID	100%			2019	$373,900	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$22,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$101,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	20%	Now	$2,900	2034	* *	4	$1,000	
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Basement Fan Room, Defective Pump Seals								
Steam Piping/Pump	80%			2034	* *	4	$6,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 17 - Q

Asset # : 323

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$110,200	1	$12,600	
Convector/Radiator	80%			2029	* *	1	$26,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$16,800	2019	$84,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Administrative Offices And Classrooms, Multiple Defects Throughout								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,000	
Exhaust Fans								
Interior	20%			2024	$22,600	2	$600	
Roof	80%			2024	$65,000	2	$2,500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	2-4	$15,300	2029	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Main Shut Off Valves								
Water Heater								
Gas Fired	100%			2023	$23,800	2	$1,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$15,200	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 18 - BK**
Address : **101 MAUJER STREET @ LEONARD ST.**
Borough : **BROOKLYN**
Agency's Number : **K018**
Program / Asset # : **BOE0354.000 / 363**
Yr Built/Renovated : **1916 / 1995**
Area Sq Ft : **29,000**
Project Type : **EDUCATION**
Date of Survey : **14-Dec-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2787** **Lot** : **1**
BIN : **3069559**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$407,800	$49,900
Interior Architecture	$102,600	$322,700
Electrical	$59,900	$529,600
Mechanical		$338,900
Total	**$570,300**	**$1,241,000**
Importance Code A	$407,800	$49,900
Importance Code B	$162,500	$1,191,200
Total	**$570,300**	**$1,241,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900		$17,600	
Interior Architecture	$25,500		$5,600	$4,700
Electrical	$700	$900	$4,400	$700
Mechanical	$6,500	$4,100	$57,500	$4,800
Total	**$67,600**	**$5,000**	**$85,000**	**$10,300**
Importance Code A	$37,900	$3,000	$20,600	$3,000
Importance Code B	$10,000	$2,000	$64,400	$7,300
Importance Code C	$19,800			
Total	**$67,600**	**$5,000**	**$85,000**	**$10,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$13,000	
Masonry: Brick	90%	0-2	$150,500	LIFE	* *	5	$49,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Metal Panel	2%			2044	* *	5-10	$7,600	
Windows								
Aluminum	98%	Now	$257,300	2040	* *	5	$7,700	
Air Infiltration, Extent : Light, Area Affected : 25%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Wood	2%	Now	$8,800	2049	* *	5	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Parapets								
Masonry: Brick	80%	0-2	$18,700	LIFE	* *	5	$3,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Metal Rail	15%			2037	* *	5-10	$11,000	
Pre-Cast Concrete	5%	0-2	$700	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	100%			2029	* *	10	$15,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	5%	0-2	$3,100	2044	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Ridging, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Cast in Place Concrete	7%			LIFE	* *	5	$6,800	
Ceramic Tile	3%	0-2	$2,600	2033	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : 1st Floor Bathrooms								
Vinyl Tile	85%	Now	$64,500	2024	$322,700	3	$14,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 4th And 5th Floor Corridor								
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Interior Walls								
Ceramic Tile	10%	Now	$15,300	2027	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Glass: Single Pane	5%			LIFE	* *	5	$2,100	
Masonry: Brick	5%			LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : 1st Floor Corridor								
Plaster	5%	0-2	$4,500	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bulkheads								
Loose/Delam Surface, Extent : Light, Area Affected : 20%								
Location : Bulkheads								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : 4th Floor								
Plaster	75%			LIFE	* *	5	$12,500	
Ceilings								
AcousTileConcealSpLn	20%			2029	* *	5	$11,200	
Embossed Metal	15%			LIFE	* *	5	$3,000	
Plaster	65%	4+	$38,100	LIFE	* *	5	$18,100	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$100	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$7,500	5	$100	
Molded Case Bkrs	80%			2023	$59,800	5	$600	
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$59,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$324,700	10	$26,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2029	* *	10		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$3,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$17,500	1	$2,200	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2029	* *	1-3	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$1,500	
Terminal Devices								
Convector/Radiator	95%			2022	$267,700	1	$9,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	5%	Now	$400	2019	$22,300	1	$400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Auditorium,1 Of 2 Unit Ventilator With Multiple Mechanical And Or Electrical Deficiency								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, The Unit Ventilators Are At Or Approaching Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$1,200	2019	$12,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Deficiencies								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$16,600	
Exhaust Fans								
Interior	50%			2019	$16,500	2	$500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : 4th And 5th Floor Boys And Girls Toilet Room, Beyond Useful Life Cycle Limit								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2022	$71,300	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Domestic Hot And Cold Water Piping Are Beyond Their Useful Life Cycle Limit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BK

Asset # : 363

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$6,900	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Its Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Its Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 18 - Q**
Address : **86-35 235 COURT BTWN: HILLSIDE AVE., 87 AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q018**
Program / Asset # : **BOE0681.000 / 665** | **Yr Built/Renovated** : **1955 / 2014**
Area Sq Ft : **57,000** | **Project Type** : **EDUCATION**
Date of Survey : **03-Jul-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **7955** **Lot** : **2** | **BIN** : **4166561**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,200	$373,100
Electrical	$319,200	$301,700
Mechanical	$99,100	$875,700
Total	**$459,500**	**$1,550,400**
Importance Code A	$41,200	$657,700
Importance Code B	$418,300	$892,700
Total	**$459,500**	**$1,550,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,800			$43,200
Interior Architecture		$10,800		$17,100
Electrical	$600	$700	$1,000	$1,500
Mechanical	$33,600	$8,100	$13,200	$17,100
Total	**$43,000**	**$19,600**	**$14,200**	**$79,000**
Importance Code A	$14,600	$5,800	$5,800	$49,100
Importance Code B	$28,500	$13,900	$8,400	$29,900
Importance Code C				
Total	**$43,000**	**$19,600**	**$14,200**	**$79,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$40,000	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	90%			2041	* *	5	$15,800	
Glass Block	10%	Now	$8,800	LIFE	* *	5	$1,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$11,200	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	20%			2030	* *	5-10	$54,100	
Roof								
Built-Up (BUR)	50%			2030	* *	10	$41,200	
Copper/Terne	5%			2040	* *	10	$10,300	
IRMA/Protected Membrane	45%			2025	$295,900	10	$37,100	
Interior								
Floors								
Ceramic Tile	3%			2028	* *	5	$2,600	
Terrazzo	5%			LIFE	* *	5	$3,400	
Vinyl Tile	87%			2030	* *	3	$28,600	
Wood	5%			2040	* *	5	$8,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	40%			LIFE	* *	5	$14,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$5,300	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$21,700	
AcousTileSusp.Lay-In	5%			2030	* *	5	$4,300	
Exposed Concrete	50%			LIFE	* *	5	$6,800	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$8,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$200	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5	$100	
Fused Disc Sw	5%			2024	$5,200	5	$100	
Molded Case Bkrs	50%			2050	* *	5	$800	
Molded Case Bkrs	40%			2024	$41,900	5	$600	
Wiring								
Braided Cloth	30%	2-4	$52,200	2050	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	50%			2055	* *	1		
Thermoplastic	20%			2025	$34,800	1		
Motor Controllers								
Locally Mounted	50%			2023	$22,700	5	$200	
Locally Mounted	40%			2045	* *	5	$200	
Variable Frequency Drive	10%			2045	* *			
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$400	
Generic	50%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$51,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2035	* *	10		
LED	2%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2025	$39,400	10	$7,100	
Exit, Service	50%			2025	$7,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2020	$215,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$51,700	1	$6,400	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$144,000	5	$18,100	
Conversion Equipment								
Steam Boiler	100%			2023	$284,600	1	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$20,400	2025	$408,300	4	$2,900	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Level								
Terminal Devices								
Air Handler	20%			2020	$63,100	1	$7,200	
Convector/Radiator	80%			2030	* *	1	$15,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$36,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,600	
Exhaust Fans								
Interior	60%			2025	$38,800	2	$1,100	
Roof	40%			2025	$18,600	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$13,600	2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - Q

Asset # : 665

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2025	$18,100	4	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Not Currently In Use								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 18 - SI**				
Address	: **221 BROADWAY @ HENDERSON AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R018**
Program / Asset #	: **BOE0909.000 / 1444**			**Yr Built/Renovated**	: **1964 / 2013**
Area Sq Ft	: **87,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jul-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **176**	**Lot**	: **10**	**BIN**	: **5004877**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$351,900	$193,000
Interior Architecture	$393,800	$373,400
Electrical	$516,900	$418,400
Mechanical	$147,700	$153,900
Total	**$1,410,200**	**$1,138,700**
Importance Code A	$351,900	$230,000
Importance Code B	$1,001,100	$908,700
Importance Code C	$57,200	
Total	**$1,410,200**	**$1,138,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,800			
Interior Architecture	$37,900	$12,600	$7,200	$28,500
Electrical	$11,800	$1,500	$1,100	$14,800
Mechanical	$51,200	$16,300	$27,200	$20,700
Total	**$143,700**	**$30,400**	**$35,500**	**$64,000**
Importance Code A	$51,700	$8,900	$8,900	$9,100
Importance Code B	$92,000	$21,500	$23,600	$55,000
Importance Code C			$3,000	
Total	**$143,700**	**$30,400**	**$35,500**	**$64,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$41,900	LIFE	* *	5	$18,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazed Ceramic Panel	10%	0-2	$12,200	LIFE	* *	5	$34,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%	0-2	$179,500	LIFE	* *	5	$59,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	Now	$44,000	LIFE	* *	5	$2,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$16,700	
Parapets								
Metal Rail	100%			2042	* *	5-10	$219,900	
Roof								
Built-Up (BUR)	95%	Now	$19,300	2033	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout, 301, 329, Stairs 7 & 8								
Copper/Terne	5%	Now	$3,000	2040	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stairs 7 & 8								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$7,000	LIFE	* *	5	$29,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout, 301, 329, Stairs 7 & 8								
Ceramic Tile	5%	0-2	$6,500	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout, 301, 329, Stairs 7 & 8								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	25%			2025	$285,700	3	$12,600	
Vinyl Tile	20%	4+	$11,400	2020	$228,600	3	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Corridors								
Vinyl Tile	25%			2035	* *	3	$16,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	10%			2053	* *	5	$25,200	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Plaster	60%	0-2	$57,200	LIFE	* *	5	$21,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$42,000	
Exposed Concrete	50%	Now	$108,000	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	10%			2025	$87,700			
Plaster	10%	Now	$8,800	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$136,800	5	$300	
Fused Disc Sw	20%			2051	* *	5	$100	
Raceway								
Conduit	80%			2025	$138,100	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	5%			2024	$9,000	5	$100	
Molded Case Bkrs	85%			2047	* *	5	$1,900	
Wiring								
Braided Cloth	50%	2-4	$127,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2042	* *	5	$500	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$78,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2033	* *	10	$4,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Rooms And Kitchen								
Egress Lighting								
Emergency, Battery	50%			2020	$60,600	10	$10,800	
Exit, Service	40%			2033	* *	1		
Exit, Service	10%			2020	$2,400	1		
Exterior Lighting								
HID	100%			2020	$328,600	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2028	* *	5	$900	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$88,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	75%			2035	* *	4	$3,300	
Steam Piping/Pump	25%			2055	* *	4	$1,100	
Terminal Devices								
Air Handler	20%			2025	$96,800	1	$11,100	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	80%			2030	* *	1	$23,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2033	* *	2	$600	
Window/Wall Unit	80%	0-2	$29,500	2020	$147,700	1		
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Defects.								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	20%			2025	$19,900	2	$600	
Roof	80%			2025	$57,100	2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - SI

Asset # : 1444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2055	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Water Meter Room								
Galv Iron/Steel	80%			2030	* *	1		
Water Heater								
Gas Fired	100%			2025	$20,900	2	$1,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement, One Gas Fired Instantaneous Water Heater With Existing Hot Water Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2035	* *	4	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	80%							
Generic	20%			2035	* *	1	$1,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : The System's Inspection Is Pass Due								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 19 - BK**		
Address	: **325 SOUTH 3RD STREET @ KEAP ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K019**
Program / Asset #	: **BOE0355.000 / 337**	**Yr Built/Renovated**	: **1911 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2423** **Lot** : **1**	**BIN**	: **3063188**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,000	$222,700
Interior Architecture		$976,200
Electrical	$385,300	$1,677,600
Mechanical	$583,400	$412,900
Total	**$1,009,800**	**$3,289,400**
Importance Code A	$436,600	$259,700
Importance Code B	$573,200	$2,993,300
Importance Code C		$36,300
Total	**$1,009,800**	**$3,289,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,300		$5,700	$40,500
Interior Architecture	$5,700	$16,000	$9,100	
Electrical	$11,100	$2,500	$2,700	$1,500
Mechanical	$45,300	$12,600	$33,900	$13,200
Total	**$64,400**	**$31,000**	**$51,400**	**$55,300**
Importance Code A	$2,300	$8,000	$13,900	$48,600
Importance Code B	$62,100	$22,900	$37,500	$6,700
Importance Code C				
Total	**$64,400**	**$31,000**	**$51,400**	**$55,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$94,400	
Masonry: Brick	85%			LIFE	* *	5	$128,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Metal Panel	2%			2044	* *	5-10	$20,800	
Windows								
Aluminum	90%			2040	* *	5	$38,400	
Wood	10%			2040	* *	5	$42,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,300	
Masonry: Brick	25%			LIFE	* *	5	$2,800	
Masonry: Brick	65%			LIFE	* *	5	$7,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	97%			2029	* *	10	$41,000	
Metal Panel	3%			2037	* *	10	$2,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,300	
Ceramic Tile	5%			2033	* *	5	$6,100	
Vinyl Tile	60%			2024	$620,500	3	$27,400	
Vinyl Tile	25%			2024	$258,500	3	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2052	* *	5	$11,400	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,100	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$36,300	
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$18,200	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$60,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service, Rated @ 800 Amps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	10%			2044	* *	5		
Molded Case Bkrs	90%			2024	$132,000	5	$1,900	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,700	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$902,600	10	$74,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2024	$11,000	1		
Exit, Battery	50%			2024	$37,400	10	$2,700	
Exterior Lighting								
HID	100%			2019	$298,400	10	$200	
Alarm								
Security System								
No Component	85%							
Generic	15%			2024	$35,900	1	$4,400	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2024	$163,600	1-3	$9,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2024	$200,100	5	$25,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$395,600	2044	* *	1	$72,400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,400	2034	* *	4	$4,000	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$87,600	1	$10,100	
Convector/Radiator	80%			2029	* *	1	$21,000	
Air Conditioning								
Energy Source								
Electricity	100%			2023	$138,100	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$100,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,300	
Exhaust Fans								
Interior	40%			2024	$35,900	2	$1,000	
Roof	60%			2024	$38,800	2	$1,500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,300	2044	* *	4	$8,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Hot Water Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Unit Inoperable, Extent : Light, Area Affected : 50%								
Location : One Unit Clogged								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BK

Asset # : 337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Ansul 102							
No Component	80%							
Generic	10%			2019	$2,600	1-3	$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 19 - M**
Address : **185 1ST AVENUE BTWN: EAST 11 ST., EAST 12 ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M019**
Program / Asset # : **BOE0012.000 / 2607** | **Yr Built/Renovated** : **1956 / 2006**
Area Sq Ft : **84,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **453** **Lot** : **34** | **BIN** : **1006478**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$44,300
Interior Architecture	$1,037,300	$41,400
Electrical	$1,055,500	$1,384,500
Mechanical	$170,300	$2,193,200
Total	**$2,263,100**	**$3,663,300**
Importance Code A	$122,700	$453,200
Importance Code B	$2,140,400	$3,210,200
Total	**$2,263,100**	**$3,663,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,000	$6,900		$6,900
Interior Architecture	$32,000	$11,000		$13,400
Electrical	$19,000	$1,200	$1,800	$4,000
Mechanical	$25,000	$34,500	$63,900	$28,000
Total	**$96,000**	**$53,700**	**$65,700**	**$52,400**
Importance Code A	$20,000	$15,200	$8,300	$15,300
Importance Code B	$47,600	$38,400	$57,400	$37,100
Importance Code C	$28,500			
Total	**$96,000**	**$53,700**	**$65,700**	**$52,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - M

Asset # : 2607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$5,000	
Copper/Terne	2%			2060	* *	10	$2,400	
Masonry: Brick	88%			LIFE	* *	5	$44,300	
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Granite Panels	3%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%			2041	* *	5	$24,000	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$5,400	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Rail	10%			2038	* *	5-10	$11,400	
Roof								
Built-Up (BUR)	95%	Now	$20,000	2030	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : At Corners								
Copper/Terne	2%			2040	* *	10	$4,600	
Copper/Terne	3%			2053	* *	10	$6,900	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$3,500	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$131,100	2040	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$10,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	35%			2033	* *	3	$17,800	
Vinyl Tile 9" X 9"	40%	Now	$595,900	2035	* *	3	$20,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%	0-2	$89,200	2040	* *	5	$6,300	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$28,500	2034	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	40%			LIFE	* *	5	$33,000	
Glass: Single Pane	5%			LIFE	* *	5	$7,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$12,400	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - M

Asset # : 2607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2045	* *	5	$13,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$10,300	
Metal Panel	25%	Now	$221,000	LIFE	* *	5	$41,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Plaster	15%			LIFE	* *	5	$12,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2000 Amps								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$17,900	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	80%			2024	$143,500	5	$1,800	
Molded Case Bkrs	10%			2047	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - M

Asset # : 2607

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$933,100	10	$77,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2030	* *	1		
Exit, Battery	50%			2030	* *	10	$2,800	
Exterior Lighting								
HID	100%			2020	$317,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$76,200	1	$9,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$261,000	2035	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life / Very Old System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$26,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Outside								
No. 4 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : 1- 10,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - M

Asset # : 2607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$122,700	2023	$408,900	1	$74,900	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Throughout								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,100	
Terminal Devices								
Air Handler	40%			2025	$181,200	1	$20,800	
Convector/Radiator	60%	Now	$47,600	2030	* *	1	$14,700	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2025	$387,700	2	$5,100	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$109,300	
Terminal Devices								
Fan Coil - Cooling	100%			2025	$646,800	1	$27,100	
Heat Rejection								
Remote Air Cond	100%			2025	$501,800	2	$58,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,800	
Exhaust Fans								
Roof	100%	0-2	$6,700	2025	$66,800	2	$2,100	
Damaged, Extent : Light, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2018	$19,500	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - M

Asset # : 2607

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2045	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 19 - Q**
Address : **99 ST & ROOSEVELT AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0682.000 / 1218**
Area Sq Ft : **99,000**
Date of Survey : **28-Oct-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **1607** **Lot** : **1**

Agency's Number : **Q019**
Yr Built/Renovated : **1924 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4437176**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$206,700	$274,500
Interior Architecture	$940,300	$81,000
Electrical	$961,900	$562,600
Mechanical	$485,900	$112,600
Total	**$2,594,800**	**$1,030,600**
Importance Code A	$206,700	$311,500
Importance Code B	$2,388,100	$719,200
Total	**$2,594,800**	**$1,030,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$13,200
Interior Architecture		$9,500	$2,800	$16,100
Electrical	$10,600	$1,400	$2,300	$36,000
Mechanical	$23,100	$18,600	$26,600	$79,700
Total	**$33,700**	**$29,500**	**$31,700**	**$145,000**
Importance Code A	$10,100	$10,100	$10,100	$23,500
Importance Code B	$23,700	$19,400	$18,800	$121,400
Importance Code C			$2,800	
Total	**$33,700**	**$29,500**	**$31,700**	**$145,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$73,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : At Cornices								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cornices								
Masonry: Brick	85%			LIFE	* *	5	$160,800	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Masonry: Limestone	10%	Now	$206,700	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Building Base								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Building Base								
Windows								
Aluminum	100%			2041	* *	5	$53,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping								
Masonry: Brick Cavity	90%			LIFE	* *	5	$12,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	20%			2030	* *	10	$10,600	
Copper/Terne	2%			2040	* *	10	$2,600	
Modified Bitumen	75%			2033	* *	10	$39,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%			2035	* *	10	$5,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2028	* *	5	$7,600	
Terrazzo	5%			LIFE	* *	5	$6,000	
Traffic Topping	8%	Now	$151,200	2035	* *	5	$7,600	
Split/Cracked, Extent : Moderate, Area Affected : 35%								
Location : Stairs, Fifth Floor Corridor								
Wrinkling, Extent : Severe, Area Affected : 50%								
Location : Stairs, Fifth Floor Corridor								
Vinyl Tile	30%			2030	* *	3	$17,100	
Vinyl Tile 9" X 9"	47%	0-2	$789,100	2035	* *	3	$26,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%			2040	* *	5	$14,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$5,700	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$29,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$3,600	
Plaster	85%			LIFE	* *	5	$81,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	75%			2025	$128,300	5	$300	
Fused Disc Sw	25%			2035	* *	5	$100	
Raceway								
Conduit	75%			2025	$129,500	1		
Conduit	25%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	90%			2024	$161,400	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	75%	2-4	$191,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$300	
Locally Mounted	50%			2023	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$86,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Fluorescent	2%			2030	* *	10	$1,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	3%			2020	$33,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$68,700	10	$12,300	
Exit, Service	50%			2025	$13,700	1		
Exterior Lighting								
HID	100%			2020	$373,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2020	$307,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$100,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$71,100	2035	* *	4	$5,000	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats, Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$109,800	1	$12,600	
Convector/Radiator	60%			2030	* *	1	$19,700	
Fan Coil Unit/Heat	20%			2020	$305,000	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$31,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,800	
Exhaust Fans								
Interior	100%			2025	$112,600	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$23,700	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q

Asset # : 1218

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$600	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 19 - Q MINISCHOOL**		
Address	: **99 ST & ROOSEVELT AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q819**
Program / Asset #	: **BOE0682.010 / 1193**	**Yr Built/Renovated**	: **1987 / 2008**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1607** **Lot** : **1**	**BIN**	: **4437176**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$84,300	
Interior Architecture		$124,300
Electrical	$218,200	$126,400
Mechanical		$161,300
Total	**$302,500**	**$412,000**
Importance Code A	$84,300	$59,200
Importance Code B	$218,200	$352,900
Total	**$302,500**	**$412,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,700			
Interior Architecture		$1,400	$2,700	$7,500
Electrical	$100	$200	$300	$11,400
Mechanical	$1,200	$700	$3,100	$700
Total	**$27,000**	**$2,200**	**$6,000**	**$19,600**
Importance Code A	$26,400	$400	$700	$400
Importance Code B	$600	$1,800	$5,000	$19,200
Importance Code C			$400	
Total	**$27,000**	**$2,200**	**$6,000**	**$19,600**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q MINISCHOOL

Asset # : 1193

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,700	
Metal Panel	95%	Now	$25,700	2035	* *	5	$33,500	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Southeast Corner								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$2,900	
Roof								
Metal Panel	100%	Now	$84,300	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,000	
Ceramic Tile	5%			2034	* *	5	$900	
Quarry Tile	10%			2038	* *	5	$2,700	
Vinyl Tile	80%			2025	$124,300	3	$5,500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$800	
Gypsum Board	95%			LIFE	* *	5	$9,200	
Ceilings								
AcousTileSusp.Lay-In	85%			2030	* *	5	$15,000	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$2,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical/ Mechanical Room								
Explanation : Main Service Switch Rated @ 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$81,100	5	$100	
Raceway								
Conduit	100%			2025	$22,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q MINISCHOOL

Asset # : 1193

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	70%			2024	$20,900	5	$200	
Molded Case Bkrs	30%			2024	$9,000	5	$100	
Wiring								
Thermoplastic	100%			2025	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$135,600	10	$11,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$1,500	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$45,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2020	$37,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Alarm Bells And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	35%			2035	* *	1		
Natural Gas	65%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - Q MINISCHOOL

Asset # : 1193

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	65%			2025	$9,700	1	$3,900	
Other Observation, Extent : Light, Area Affected : 65%								
Location : Equipment Room								
Explanation : 2 Units								
Heat Pump	35%			2023	$59,200	2	$1,300	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Side Of The Building								
Explanation : 10 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Terminal Devices								
Induction Unit	35%			2028	* *	1	$1,400	
No Component	65%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Heat Pump	35%			2023	$5,900	2	$300	
Int Pkg Unit - Cooling	65%			2023	$102,200	2	$500	
Terminal Devices								
Induction Unit	35%			2025	$23,800	1	$1,400	
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Exhaust Fans								
Interior	95%			2025	$12,800	2	$400	
Roof	5%			2025	$500	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2023	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 19 - SI**				
Address	: **780 POST AVENUE @ GREENLEAF AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R019**
Program / Asset #	: **BOE0910.000 / 1445**			**Yr Built/Renovated**	: **1930 / 1999**
Area Sq Ft	: **75,366**			**Project Type**	: **EDUCATION**
Date of Survey	: **08-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **227**	**Lot**	: **24**	**BIN**	: **5006175**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,098,400	$450,200
Interior Architecture	$48,000	$628,000
Electrical	$397,400	$705,300
Mechanical		$1,181,900
Total	**$1,543,700**	**$2,965,400**
Importance Code A	$1,098,400	$487,200
Importance Code B	$445,300	$2,478,200
Total	**$1,543,700**	**$2,965,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,500			
Interior Architecture	$35,300	$700		$7,800
Electrical	$24,800	$27,400	$1,300	$1,300
Mechanical	$18,700	$10,600	$17,600	$10,600
Total	**$123,300**	**$38,800**	**$18,900**	**$19,700**
Importance Code A	$52,200	$7,600	$7,500	$7,500
Importance Code B	$61,100	$31,200	$11,400	$12,200
Importance Code C	$10,000			
Total	**$123,300**	**$38,800**	**$18,900**	**$19,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$679,200	LIFE	* *	5	$450,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$129,400	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$226,400	2039	* *	5	$9,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Wood	5%	Now	$26,600	2048	* *	5	$4,700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$2,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$63,300	LIFE	* *	5	$3,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$15,300	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	25%	Now	$14,700	LIFE	* *	5	$61,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$5,600	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	55%			2023	$527,500	3	$31,000	
Vinyl Tile	5%			2018	$48,000	3	$2,100	
Wood	5%			2051	* *	5	$10,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$4,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Marble Panels	5%	Now	$7,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	65%			LIFE	* *	5	$18,700	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$5,600	
AcousTileConcealSpLn	15%			2036	* *	5	$21,200	
Embossed Metal	5%			LIFE	* *	5	$2,500	
Exposed Concrete	20%			LIFE	* *	5	$3,500	
Plaster	55%			LIFE	* *	5	$38,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$20,200	5	$300	
Fused Knife Sw	5%	2-4	$6,700	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	5%	2-4	$6,700	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	45%			2022	$60,500	5	$900	
Molded Case Bkrs	30%			2031	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	20%			2023	$34,800	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$300	
Locally Mounted	40%			2021	$30,200	5	$200	
Motor Control Center	10%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	60%			2028	* *	10	$41,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	34%			2031	* *	10	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2028	* *	10	$100	
Incandescent	3%			2018	$25,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2023	$18,500	1		
Exit, Service	50%			2023	$10,200	1		
Exterior Lighting								
HID	100%			2023	$284,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$234,200	1-3	$13,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 7500 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	2%	0-2	$400	2036	* *	1	$1,300	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement, 8 Plugged Tubes On Boiler #1								
Steam Boiler	98%			2036	* *	1	$73,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,600	
Terminal Devices								
Air Handler	20%			2023	$81,300	1	$9,300	
Convector/Radiator	60%			2021	$427,100	1	$14,600	
Fan Coil Unit/Heat	20%			2023	$225,700	1	$4,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2022	$139,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,000	
Exhaust Fans								
Interior	100%	Now	$1,700	2023	$83,300	2	$1,800	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room								
Explanation : Flexible Connections At Auditorium Exhaust Fan Are Broken								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$4,500	2021	$225,100	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Defective Isolation Valves								
Water Heater								
Gas Fired	100%			2022	$17,500	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - SI

Asset # : 1445

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 20 - BK**
Address : **225 ADELPHI STREET BTWN: DEKALB AVE., WILLOUGHBY AV**
Borough : **BROOKLYN**
Agency's Number : **K020**
Program / Asset # : **BOE0356.000 / 2519**
Yr Built/Renovated : **1951 / 2009**
Area Sq Ft : **92,000**
Project Type : **EDUCATION**
Date of Survey : **09-Dec-2013**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2091** **Lot** : **3**
BIN : **3058531**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$172,100
Interior Architecture	$1,506,300	
Electrical	$1,237,500	$489,600
Mechanical	$63,600	$1,063,200
Total	**$2,807,400**	**$1,724,900**
Importance Code A		$686,200
Importance Code B	$2,732,200	$1,038,800
Importance Code C	$75,200	
Total	**$2,807,400**	**$1,724,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,500			$15,500
Interior Architecture	$38,000	$2,600		$22,400
Electrical	$75,800	$1,400	$2,000	$34,900
Mechanical	$72,300	$16,900	$25,200	$64,500
Total	**$207,700**	**$21,000**	**$27,200**	**$137,300**
Importance Code A	$59,200	$9,300	$9,300	$24,900
Importance Code B	$148,500	$11,600	$17,800	$112,400
Importance Code C				
Total	**$207,700**	**$21,000**	**$27,200**	**$137,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$77,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,200	
Metal Panel	5%			2045	* *	5-10	$29,500	
Windows								
Aluminum	93%			2041	* *	5	$29,700	
Fiberglass Panel	2%			2041	* *	5	$2,400	
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	85%	Now	$19,500	LIFE	* *	5	$15,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Masonry: Limestone	5%	Now	$2,100	LIFE	* *	5	$1,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Coping								
Metal Security Bars	10%			2040	* *			
Roof								
Copper/Terne	3%			2060	* *	10	$7,500	
Modified Bitumen	95%			2033	* *	10	$94,800	
Sloped Glazing	2%			LIFE	* *	5	$26,600	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$8,000	LIFE	* *	5	$15,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	2-4	$4,500	2034	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$35,900	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%			2033	* *	3	$7,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Corridor								
Vinyl Tile 9" X 9"	67%	2-4	$113,900	2020	$1,138,800	3	$35,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	4+	$25,400	2040	* *	5	$6,600	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,700	
Plaster	65%			LIFE	* *	5	$27,700	
SGFT/Glazed Masonry	25%	Now	$75,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Ceilings								
AcousTile,Adhered	10%	Now	$142,500	2045	* *	5	$7,000	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium, Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium, Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
AcousTile,Adhered	15%			2030	* *	5	$21,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Exposed Concrete	55%			LIFE	* *	5	$12,100	
Plaster	20%			LIFE	* *	5	$17,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%	2-4	$28,300	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$12,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$186,900	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2025	$188,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$19,600	5	$200	
Fused Knife Sw	10%	2-4	$19,600	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	70%			2024	$137,200	5	$1,700	
Wiring								
Braided Cloth	85%	2-4	$237,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$66,000	5	$500	
Locally Mounted	20%	2-4	$16,500	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2033	* *	10	$84,000	
T-8 Lamps, Extent : Moderate, Area Affected : 98%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,700	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
HID	1%			2020	$8,200	10		
Egress Lighting								
Emergency, Battery	50%			2020	$69,500	10	$11,400	
Exit, Service	50%			2020	$13,900	1		
Exterior Lighting								
HID	100%			2020	$379,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$364,300			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$253,900	5	$29,200	
Conversion Equipment								
Steam Boiler	100%			2023	$501,900	1	$93,500	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : Boiler #2, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$14,400	2035	* *	4	$4,700	
Corroded, Extent : Light, Area Affected : 10%								
Location : Basement								
Terminal Devices								
Air Handler	25%			2025	$139,000	1	$14,600	
Convector/Radiator	75%	Now	$14,600	2030	* *	1	$20,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Room 102								
Explanation : Room 102 Has No Heat According To Custodian								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$63,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,600	
Exhaust Fans								
Interior	95%			2025	$108,300	2	$2,700	
Roof	5%			2025	$4,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$6,200	2035	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Cross Bay, Basement								
Water Heater								
Gas Fired	100%	Now	$12,000	2023	$24,000	2	$1,100	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Explanation : 2 Units. 1 Of Them Does Not Work								
HW Heat Exchanger								
Low Temp	100%			2025	$32,000	4	$14,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - BK

Asset # : 2519

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	$12,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$60,200	1-2	$1,300	
Chemical System								
Generic	100%			2020	$28,500	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 20 - M**
Address : **166 ESSEX STREET @ STANTON ST.**
Borough : **MANHATTAN**
Program / Asset # : **BOE0013.000 / 2690**
Area Sq Ft : **92,000**
Date of Survey : **26-Oct-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **355** **Lot** : **1**

Agency's Number : **M020**
Yr Built/Renovated : **1962 / 2007**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **1004325**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$65,600	$263,800
Interior Architecture	$604,200	
Electrical	$409,700	$929,900
Mechanical	$156,200	$60,400
Total	**$1,235,600**	**$1,254,100**
Importance Code A	$65,600	$300,800
Importance Code B	$1,170,000	$953,300
Total	**$1,235,600**	**$1,254,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,100			$8,800
Interior Architecture	$3,600	$6,700	$44,400	$3,600
Electrical	$10,900	$3,100	$14,000	$2,500
Mechanical	$13,900	$16,300	$20,400	$14,000
Total	**$42,400**	**$26,200**	**$78,800**	**$28,900**
Importance Code A	$23,500	$9,400	$9,600	$18,200
Importance Code B	$18,900	$13,600	$69,200	$10,700
Importance Code C		$3,100		
Total	**$42,400**	**$26,200**	**$78,800**	**$28,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$77,100	
Granite Panels	2%			LIFE	* *	5	$1,200	
Windows								
Aluminum	100%			2040	* *	5	$17,700	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$10,900	
Metal Rail	10%			2037	* *	5-10	$23,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	70%			2029	* *	10	$65,600	
Copper/Terne	5%			2052	* *	10	$11,700	
IRMA/Protected Membrane	25%			2024	$186,800	10	$23,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,100	
Ceramic Tile	5%			2033	* *	5	$7,100	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	50%			2019	$604,200	3	$26,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : 9x9 Tiles								
Vinyl Tile	20%			2029	* *	3	$14,200	
Wood	10%			2039	* *	5	$26,600	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$17,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$44,400	
Exposed Concrete	65%			LIFE	* *	5	$14,400	
Plaster	10%			LIFE	* *	5	$8,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,900	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	20%	2-4	$51,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Thermoplastic	60%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$84,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2029	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$347,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$83,500	1	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	2-4	$190,600	2034	* *	1-3	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Alarm Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using #2 Oil Only, Gas Line Is Not Connected								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$94,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$7,000	
Terminal Devices								
Air Handler	20%			2029	* *	1	$11,700	
Convector/Radiator	80%			2037	* *	1	$24,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$156,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,900	
Exhaust Fans								
Interior	20%			2024	$21,000	2	$600	
Roof	80%			2024	$60,400	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$22,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - M

Asset # : 2690

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2034	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 20 - Q**
Address : **142-30 BARCLAY AVENUE @ BOWNE ST.**
Borough : **QUEENS**
Agency's Number : **Q020**
Program / Asset # : **BOE0683.000 / 1194**
Yr Built/Renovated : **1949 / 1996**
Area Sq Ft : **130,000**
Project Type : **EDUCATION**
Date of Survey : **27-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5047** **Lot** : **1**
BIN : **4114657**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,300	$533,200
Interior Architecture	$659,600	$177,100
Electrical	$270,300	$1,207,500
Mechanical	$174,800	$1,052,800
Total	**$1,140,000**	**$2,970,600**
Importance Code A	$35,300	$1,036,500
Importance Code B	$1,104,700	$1,893,900
Importance Code C		$40,200
Total	**$1,140,000**	**$2,970,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,800	$28,100		$33,600
Interior Architecture		$53,500	$3,000	$7,500
Electrical	$55,300	$12,600	$11,000	$43,500
Mechanical	$53,300	$28,100	$47,100	$78,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$148,400**	**$130,200**	**$69,000**	**$171,000**
Importance Code A	$43,100	$39,300	$11,200	$45,100
Importance Code B	$105,300	$90,900	$57,800	$126,000
Importance Code C				
Total	**$148,400**	**$130,200**	**$69,000**	**$171,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$97,100	
Masonry: Granite	3%			LIFE	* *	5	$2,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,600	
Metal Panel	7%			2045	* *	5-10	$58,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$19,700	
Windows								
Aluminum	95%			2041	* *	5	$42,900	
Metal Louvers	5%			2034	* *	10	$14,100	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$20,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Metal Rail	10%			2038	* *	5-10	$46,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,100	
Roof								
Built-Up (BUR)	50%			2025	$323,100	10	$70,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Over Gymnasium								
Copper/Terne	5%			2040	* *	10	$17,600	
IRMA/Protected Membrane	25%			2030	* *	10	$35,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Stair C Over New Wing								
Metal Panel	20%	Now	$31,800	2038	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Atrium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Atrium								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$87,300	
Ceramic Tile	3%			2034	* *	5	$6,000	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	35%			2030	* *	3	$26,200	
Vinyl Tile 9" X 9"	30%	Now	$659,600	2035	* *	3	$22,500	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors Of 1949 Wing								
Wood	10%			2053	* *	5	$37,400	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$20,100	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$30,100	
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$40,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2038	* *	5	$12,400	
AcousTileSusp.Lay-In	20%			2038	* *	5	$39,700	
Exposed Concrete	10%			LIFE	* *	5	$3,100	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$24,800	
Metal Panel	10%			LIFE	* *	5	$24,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Atrium								
Plaster	40%			LIFE	* *	5	$49,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$600	
Raceway								
Conduit	50%			2025	$104,300	1		
Conduit	50%			2045	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$22,400	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	10%	2-4	$22,400	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Molded Case Bkrs	50%			2041	* *	5	$1,700	
Molded Case Bkrs	30%			2024	$67,300	5	$1,000	
Wiring								
Braided Cloth	50%	2-4	$149,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$700	
Locally Mounted	20%			2023	$23,000	5	$200	
Ground								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$40,000	
Generators								
Diesel	100%			2034	* *	1	$50,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Genset Rated @ 300 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$29,000	
Fuel Storage								
Day Tank	50%			2041	* *	5	$12,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2053	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 225 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2030	* *	10	$121,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2025	$10,600	10		
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$12,900	
Exit, Service	50%			2030	* *	1		
Exit, Service	10%			2020	$3,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Exterior Lighting								
HID	100%			2025	$491,000	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2053	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$118,000	1	$14,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$403,900			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2045	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2025	$48,900	1	$19,800	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 4 Units								
Steam Boiler	70%			2023	$454,400	1	$92,500	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	70%	Now	$65,200	2035	* *	4	$4,600	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Condensate Pumps								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : And F & T, Throughout								
No Component	30%							
Terminal Devices								
Air Handler	25%	Now	$9,000	2025	$179,800	1	$18,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Areas								
Convector/Radiator	45%			2030	* *	1	$19,400	
No Component	30%							
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2030	* *	1	$24,700	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Penthouse								
Window/Wall Unit	40%			2020	$109,700	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2045	* *	4	$3,900	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2025	$181,300	1	$33,000	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2025	$85,200	2	$37,200	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,400	
Exhaust Fans								
Interior	70%			2025	$103,200	2	$2,900	
Roof	30%			2025	$31,800	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$31,000	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$600	2025	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : 1 Of 2 Pumps								
Backflow Preventer								
Generic	100%			2025	$12,600	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - Q

Asset # : 1194

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-1 (1) B-3								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$69,700	
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,100	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 20 - SI**
Address : **161 PARK AVENUE @NEW STREET**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0911.000 / 1446**
Area Sq Ft : **29,000**
Date of Survey : **05-Dec-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1020** **Lot** : **1**

Agency's Number : **R020**
Yr Built/Renovated : **1898 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5106979**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$72,200	
Interior Architecture		$76,700
Electrical		$425,100
Mechanical	$207,700	
Total	**$279,900**	**$501,900**
Importance Code A	$202,900	
Importance Code B	$77,000	$425,100
Importance Code C		$76,700
Total	**$279,900**	**$501,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,300	$10,200		
Interior Architecture	$4,000	$2,200	$5,000	
Electrical	$700	$22,800	$900	$700
Mechanical	$18,900	$26,900	$6,100	$3,400
Total	**$42,900**	**$62,100**	**$12,000**	**$4,100**
Importance Code A	$19,300	$12,900	$2,700	$2,700
Importance Code B	$23,600	$49,200	$9,300	$1,400
Importance Code C				
Total	**$42,900**	**$62,100**	**$12,000**	**$4,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$19,300	LIFE	* *	5	$18,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	5	$4,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,700	
Under Construction	5%							
Under Construction	70%							
Windows								
Aluminum	100%			2048	* *	5	$14,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Panel	7%			2043	* *	5	$1,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	3%			2036	* *	5-10	$1,400	
Under Construction	90%							
Roof								
Copper/Terne	5%			2051	* *	10	$2,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Single Ply Membrane	10%			2028	* *	10	$2,300	
Spray-on Foam	85%	Now	$72,200	2033	* *	5	$13,200	
Blisters, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 66%								
Location : Throughout								
Explanation : Work In Progress								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	10%			2032	* *	5	$4,500	
Vinyl Tile	25%			2028	* *	3	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Third Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Third Floor								
Vinyl Tile	50%			2028	* *	3	$8,400	
Vinyl Tile	15%			2028	* *	3	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : This Is Actually Rubber Flooring								
Interior Walls								
Ceramic Tile	5%			2026	$76,700	5	$2,800	
Ceramic Tile	5%			2036	* *	5	$2,800	
Gypsum Board	10%			LIFE	* *	5	$3,300	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$12,500	
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$4,500	
AcousTileSusp.Lay-In	10%	0-2	$1,800	2036	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%			LIFE	* *	5	$22,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	80%			2023	$42,000	1		
Conduit	20%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$100	
Molded Case Bkrs	20%			2022	$14,900	5	$200	
Molded Case Bkrs	70%			2031	* *	5	$500	
Wiring								
Thermoplastic	70%			2023	$46,600	1		
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$100	
Motor Control Center	50%			2028	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	64%			2023	$212,100	10	$17,500	
Fluorescent	30%			2028	* *	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2023	$7,100	10		
Incandescent	3%			2018	$9,900	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$3,600	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$109,500	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$7,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 7000 Gal Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	90%	0-2	$130,700	2043	* *	1	$23,900	
Insul. Deteriorating, Extent : Severe, Area Affected : 80%								
Location : Boilers								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 3 Furnaces - Covered Under A C Units								
Distribution								
Steam Piping/Pump	80%	Now	$15,000	2033	* *	4	$1,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Explanation : Noisy, Vibrating								
No Component	20%							
Terminal Devices								
Convector/Radiator	70%			2028	* *	1	$6,700	
Fan Coil Unit/Heat	10%	Now	$800	2018	$40,200	1	$900	
Broken, Extent : Severe, Area Affected : 50%								
Location : Throughout								
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%	Now	$400	2023	$19,700	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Roof Top Units								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Top Units, Each With Built In Gas Furnace								
Window/Wall Unit	60%			2018	$36,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$16,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 20 - SI

Asset # : 1446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2023	$16,500	2	$500	
Roof	50%	Now	$1,200	2023	$11,900	2	$400	
Broken, Extent : Moderate, Area Affected : 60%								
Location : Exhaust Fans Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%	Now	$700	2018	$6,900	2	$300	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Burner, Hot Water Heater								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 125 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 21 - BK**				
Address	: **180 CHAUNCEY STREET @ PATCHEN AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K021**	
Program / Asset #	: **BOE0357.000 / 338**		**Yr Built/Renovated**	: **1956 / 2008**	
Area Sq Ft	: **91,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Mar-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1692**	**Lot** : **17**	**BIN**	: **3047914**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$341,700	$76,500
Interior Architecture	$357,800	$950,400
Electrical	$1,839,000	$571,100
Mechanical	$199,500	$2,487,200
Total	**$2,738,000**	**$4,085,100**
Importance Code A	$341,700	$556,800
Importance Code B	$2,328,200	$3,528,300
Importance Code C	$68,100	
Total	**$2,738,000**	**$4,085,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,900		$15,800	
Interior Architecture	$126,200	$5,200		$14,000
Electrical	$30,100	$42,300	$1,600	$1,600
Mechanical	$35,100	$54,200	$26,300	$13,000
Total	**$205,300**	**$101,700**	**$43,700**	**$28,600**
Importance Code A	$23,100	$9,400	$25,100	$9,200
Importance Code B	$110,400	$92,300	$18,600	$19,300
Importance Code C	$71,700			
Total	**$205,300**	**$101,700**	**$43,700**	**$28,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%	Now	$42,300	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Front Of Building								
Glazed Ceramic Panel	5%	Now	$13,900	LIFE	* *	5	$19,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
Masonry: Brick	90%	Now	$115,400	LIFE	* *	5	$76,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$31,600	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$45,600	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	90%	Now	$93,200	LIFE	* *	5	$16,200	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$45,200	2028	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Sheet Vinyl/Rubber	5%			2028	* *	5	$10,500	
Terrazzo	5%	Now	$32,500	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	15%			2023	$178,200	3	$10,500	
Vinyl Tile	65%	Now	$231,700	2023	$772,200	3	$34,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Wood	5%			2051	* *	5	$13,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$22,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$15,600	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	60%	Now	$33,900	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$68,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%	Now	$19,400	2028	* *	5	$20,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Embossed Metal	5%			LIFE	* *	5	$3,100	
Exposed Concrete	65%	4+	$58,100	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2049	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	25%			2033	* *	5	$100	
Molded Case Bkrs	75%			2023	$128,300	5	$1,800	
Raceway								
Conduit	85%			2023	$146,700	1		
Conduit	10%			2033	* *	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	5%	2-4	$9,000	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2022	$143,500	5	$1,900	
Wiring								
Braided Cloth	65%	0-2	$166,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$51,100	1		
Thermoplastic	10%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	73%			2018	$756,900	10	$62,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2028	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
HID	2%			2018	$14,900	10	$100	
Incandescent	15%			2018	$155,500	2	$300	
Egress Lighting								
Emergency, Battery	50%			2018	$63,000	10	$11,300	
Exit, Service	50%			2018	$12,600	1		
Exterior Lighting								
HID	100%			2018	$343,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$282,800	1-3	$16,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$229,900	5	$28,900	
Conversion Equipment								
Steam Boiler	100%			2021	$454,400	1	$92,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$65,200	2023	$651,800	4	$4,600	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 35%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2023	$100,700	1	$11,500	
Convector/Radiator	70%			2021	$617,200	1	$21,100	
Fan Coil Unit/Heat	10%			2023	$139,800	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BK

Asset # : 338

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	70%			2018	$134,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	80%			2023	$82,600	2	$2,300	
Roof	20%			2018	$14,800	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%			2021	$167,300	1		
Water Heater								
Gas Fired	100%	0-2	$21,700	2023	$21,700	2	$1,100	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Old Unit In Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2023	$29,000	4	$9,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	96%							
Generic	4%			2023	$43,600	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 21 - Q**		
Address	**: 147-36 26 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q021**
Program / Asset #	**: BOE0684.000 / 1195**	**Yr Built/Renovated**	**: 1964 / 2006**
Area Sq Ft	**: 104,300**	**Project Type**	**: EDUCATION**
Date of Survey	**: 29-Aug-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4803** **Lot : 1**	**BIN**	**: 4108665**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$832,700	$87,400
Interior Architecture	$890,500	$35,200
Electrical	$208,900	$2,082,200
Mechanical	$160,300	$1,170,900
Total	**$2,092,500**	**$3,375,700**
Importance Code A	$832,700	$506,600
Importance Code B	$1,259,700	$2,869,100
Total	**$2,092,500**	**$3,375,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,200		$29,200	$1,500
Interior Architecture	$15,100	$5,500	$38,200	$3,000
Electrical	$14,700	$4,500	$34,100	$3,300
Mechanical	$28,000	$14,900	$45,800	$22,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$91,000**	**$28,800**	**$151,300**	**$34,100**
Importance Code A	$38,800	$9,600	$39,000	$11,100
Importance Code B	$52,200	$17,800	$112,300	$23,000
Importance Code C		$1,400		
Total	**$91,000**	**$28,800**	**$151,300**	**$34,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$8,400	
Masonry: Brick	15%			LIFE	* *	5	$13,400	
Masonry: Brick	83%	Now	$223,300	LIFE	* *	5	$74,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Southwest Corner								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Windows								
Aluminum	15%			2040	* *	5	$3,000	
Aluminum	83%			2046	* *	5	$16,600	
Glass Block	2%			LIFE	* *	5	$300	
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$2,200	
Masonry: Brick	70%	Now	$59,000	LIFE	* *	5	$10,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Southwest Corner								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Northeast Corner								
Masonry: Limestone	2%	Now	$3,100	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Coping At Lower Wing								
Metal Rail	8%			2037	* *	5-10	$21,100	
Pre-Cast Concrete	5%	Now	$2,600	LIFE	* *	5	$4,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	15%			2029	* *	10	$15,900	
Copper/Terne	5%			2039	* *	10	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Explanation : Covered With Tar								
IRMA/Protected Membrane	65%	Now	$550,500	2034	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Main Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stairs, Auditorium And Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1964 Wing								
Single Ply Membrane	15%	Now	$10,700	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over New Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor New Wing								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$35,200	
Ceramic Tile	5%			2033	* *	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	15%			2029	* *	3	$12,100	
Vinyl Tile	65%			2019	$890,500	3	$39,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$2,900	
Concrete Masonry Unit	8%			LIFE	* *	5	$4,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$8,600	
Plaster	50%			LIFE	* *	5	$21,400	
SGFT/Glazed Masonry	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$50,300	
AcousTileSusp.Lay-In	15%			2037	* *	5	$24,200	
Exposed Concrete	50%			LIFE	* *	5	$12,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 311, Stairs								
Metal Panel	5%			LIFE	* *	5	$10,100	
Plaster	5%			LIFE	* *	5	$5,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service, Main Service Protector Rated @ 3000 Amps								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$2,700	
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2024	$146,100	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	30%			2040	* *	5	$800	
Molded Case Bkrs	60%			2023	$107,600	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$208,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$600	
Locally Mounted	10%			2037	* *	5	$100	
Locally Mounted	10%	2-4	$11,500	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$29,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	66%			2024	$789,200	10	$65,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
Fluorescent	2%			2024	$23,900	10	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	1%			2024	$8,600	10		
Incandescent	1%			2024	$12,000	2		
Egress Lighting								
Emergency, Battery	30%			2024	$43,600	10	$7,800	
Exit, Service	70%			2024	$20,300	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$393,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$94,700	1	$11,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : C C T V Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$324,100	1-3	$19,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detector, Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$33,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7500 Gallon Tanks								
Conversion Equipment								
Furnace	20%			2029	* *	1	$10,600	
Steam Boiler	80%			2022	$419,200	1	$85,300	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Boiler Room Equipment Operating Satisfactorily But Is Beyond Its Useful Life Cycle								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2024	$751,600	4	$5,300	
On Extended Life, Extent : Light, Area Affected : 80%								
Location : Boiler Room And Throughout Old Wing Of The Building, Beyond Useful Life Cycle								
Terminal Devices								
Air Handler	20%			2019	$116,100	1	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Basement, Equipment Operating Satisfactorily But Is Beyond Useful Life Cycle								
Convector/Radiator	60%			2029	* *	1	$20,900	
No Component	20%							
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2029	* *	2	$1,300	
Window/Wall Unit	20%	0-2	$8,900	2019	$44,300	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Throughout Old Wing Of The Building, Multiple Mechanical And Electrical Defects								
No Component	60%							
Heat Rejection								
Air Condenser Unit	20%			2029	* *	2	$15,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,000	
Exhaust Fans								
Interior	20%			2024	$23,800	2	$700	
Roof	80%			2029	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	20%			2022	$5,000	2	$300	
No Component	80%							
HW Heat Exchanger								
Low Temp	80%			2024	$26,700	4	$8,500	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Boiler Room, Equipment Operating Satisfactorily But Is Beyond Its Useful Life Cycle								
No Component	20%							
Sanitary Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Water Meter Room								
Explanation : New Wing Only								
Fixtures								
Generic	100%							

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - Q

Asset # : 1195

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2044	* *	1-5	$11,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing								
Explanation : Stand Pipe System In New Wing Only								
Sprinkler								
No Component	70%							
Generic	20%			2044	* *	1-2	$6,000	
Generic	10%			2034	* *	1-2	$3,000	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 21 - SI**
Address : **168 HOOKER PLACE NEAR TRANTOR PLACE**
Borough : **STATEN ISLAND** | **Agency's Number** : **R021**
Program / Asset # : **BOE0912.000 / 1447** | **Yr Built/Renovated** : **1906 / 2011**
Area Sq Ft : **34,000** | **Project Type** : **EDUCATION**
Date of Survey : **05-Dec-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1135** **Lot** : **1** | **BIN** : **5026335**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$53,700
Interior Architecture	$51,500	
Electrical	$470,300	$59,500
Mechanical		$85,700
Total	**$521,800**	**$198,800**
Importance Code A		$53,700
Importance Code B	$521,800	$145,100
Total	**$521,800**	**$198,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,300		$1,800	$5,500
Interior Architecture	$17,000	$6,400	$1,300	
Electrical	$34,000	$51,700	$1,400	$800
Mechanical	$4,500	$3,900	$7,000	$3,900
Total	**$76,800**	**$62,000**	**$11,600**	**$10,200**
Importance Code A	$24,100	$2,800	$4,600	$8,300
Importance Code B	$37,100	$59,100	$7,000	$1,900
Importance Code C	$15,700			
Total	**$76,800**	**$62,000**	**$11,600**	**$10,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$18,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Masonry: Brick	20%			LIFE	* *	5	$9,200	
Masonry: Brick	70%			LIFE	* *	5	$32,300	
Windows								
Aluminum	25%			2039	* *	5	$3,700	
Aluminum	75%			2045	* *	5	$11,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Building								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,700	
Masonry: Brick	70%			LIFE	* *	5	$6,700	
Metal Rail	25%			2036	* *	5-10	$43,000	
Roof								
Modified Bitumen	60%	Now	$12,700	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Single Ply Membrane	25%	0-2	$6,100	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Single Ply Membrane	10%	0-2	$2,400	2023	$12,200			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : At Center Of Roof								
Explanation : Worn And Eroded								
Skylight, Metal/Glass	5%			2043	* *	10	$6,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$11,500	
Ceramic Tile	5%			2032	* *	5	$2,600	
Vinyl Tile	20%			2028	* *	3	$3,900	
Vinyl Tile	60%			2033	* *	3	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2038	* *	5	$4,900	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$6,500	
Masonry: Brick	10%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	Now	$15,700	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2036	* *	5	$13,100	
Plaster	75%	Now	$51,500	LIFE	* *	5	$24,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$900	
Raceway								
Conduit	30%			2043	* *	1		
Conduit	70%			2023	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5		
Fused Disc Sw	5%			2022	$3,700	5		
Molded Case Bkrs	90%			2039	* *	5	$800	
Wiring								
Braided Cloth	50%	2-4	$33,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	30%			2023	$20,000	1		
Motor Controllers								
Locally Mounted	40%			2028	* *	5	$100	
Locally Mounted	50%			2021	$22,700	5	$100	
Motor Control Center	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2018	$341,900	10	$28,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	6%			2028	* *	10	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-8 Lamps								
HID	3%			2018	$8,400	10		
Incandescent	3%			2018	$11,700	2		
Egress Lighting								
Emergency, Service	30%			2023	$5,200	1		
Exit, Service	70%			2023	$6,600	1		
Exterior Lighting								
HID	100%			2018	$128,400	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$8,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 1700 Gallons								
Conversion Equipment								
Steam Boiler	80%			2036	* *	1	$27,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof, A C Units								
Explanation : 10 Furnaces - Covered Under A C Units								
Distribution								
Steam Piping/Pump	80%			2043	* *	4	$1,400	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	* *	1	$4,300	
Convector/Radiator	60%			2028	* *	1	$6,800	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2023	$46,100	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof A C Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 10 Roof Top Units, Each With Built In Gas Furnaces								
Window/Wall Unit	55%			2021	$39,500	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$3,900	
No Component	80%							
Exhaust Fans								
Interior	20%	Now	$400	2023	$7,700	2	$200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Girls And Boys Bathrooms								
Roof	20%			2028	* *	2	$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2043	* *	1		
Galv Iron/Steel	75%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$8,100	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - SI

Asset # : 1447

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 22 - Q**		
Address	: **153-33 SANFORD AVENUE @ MURRAY ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q022**
Program / Asset #	: **BOE0685.000 / 1196**	**Yr Built/Renovated**	: **1966 / 2009**
Area Sq Ft	: **64,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5328** **Lot** : **1**	**BIN**	: **4438184**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$144,000
Interior Architecture	$925,700	
Electrical	$510,100	$1,187,500
Mechanical	$187,300	$437,400
Total	**$1,623,100**	**$1,769,000**
Importance Code A		$484,100
Importance Code B	$1,623,100	$1,284,900
Total	**$1,623,100**	**$1,769,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$19,600		$8,100
Interior Architecture	$10,500		$3,800	$25,900
Electrical		$200	$800	$28,000
Mechanical	$16,000	$9,100	$18,000	$19,400
Total	**$26,500**	**$29,000**	**$22,600**	**$81,400**
Importance Code A	$6,500	$26,200	$6,500	$14,800
Importance Code B	$20,000	$2,800	$14,700	$66,600
Importance Code C			$1,300	
Total	**$26,500**	**$29,000**	**$22,600**	**$81,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	$82,100	
Masonry: Brick Cavity	63%			LIFE	* *	5	$34,500	
Granite Panels	7%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2041	* *	5	$12,300	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$27,700	
Masonry: Brick Cavity	45%			LIFE	* *	5	$4,000	
Metal Rail	20%			2038	* *	5-10	$32,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,800	
Roof								
Built-Up (BUR)	95%			2033	* *	10	$61,900	
Copper/Terne	5%			2060	* *	10	$8,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,600	
Ceramic Tile	5%			2034	* *	5	$4,900	
Vinyl Tile 9" X 9"	85%			2020	$925,700	3	$42,000	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,500	
Folding Partition	5%			2041	* *	5	$10,900	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$14,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$30,900	
Exposed Concrete	50%			LIFE	* *	5	$7,700	
Plaster	25%			LIFE	* *	5	$15,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$100	
Molded Case Bkrs	85%			2024	$114,400	5	$1,400	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	95%	2-4	$165,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$660,400	10	$54,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$10,500	10		
Incandescent	8%			2020	$58,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$44,500	10	$8,000	
Exit, Service	50%			2020	$8,900	1		
Exterior Lighting								
HID	100%			2020	$241,700	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$20,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7500 Gallon Tanks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2023	$321,600	1	$65,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$92,200	2035	* *	4	$3,300	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 65%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,600	2025	$71,200	1	$7,400	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room – Auditorium Blower Steam Coil								
Convector/Radiator	80%			2030	* *	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$95,100	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,800	
Exhaust Fans								
Interior	15%			2025	$11,000	2	$300	
Roof	85%			2025	$44,600	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$6,500	
Sanitary Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 10%								
Location : In Front Of Second And Third Floor Boy's Toilet Rooms, Leaky Floor Drains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Noisy/Vibrating, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - Q

Asset # : 1196

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$900	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 22 - SI**
Address : **1860 FOREST AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0913.000 / 2526**
Area Sq Ft : **99,000**
Date of Survey : **27-May-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **1706** **Lot** : **1**

Agency's Number : **R022**
Yr Built/Renovated : **1914 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5107239**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,200	$236,900
Interior Architecture	$503,200	$404,700
Electrical		$1,128,100
Mechanical	$35,600	$1,372,700
Total	**$612,900**	**$3,142,400**
Importance Code A	$74,200	$236,900
Importance Code B	$538,700	$2,538,900
Importance Code C		$366,600
Total	**$612,900**	**$3,142,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,400		$22,100	$13,200
Interior Architecture	$17,700	$19,100		$29,500
Electrical	$8,000	$9,800	$8,600	$8,400
Mechanical	$36,100	$24,400	$60,300	$98,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$87,000**	**$57,200**	**$95,000**	**$153,800**
Importance Code A	$31,500	$10,100	$32,200	$23,500
Importance Code B	$37,900	$47,100	$62,800	$130,200
Importance Code C	$17,700			
Total	**$87,000**	**$57,200**	**$95,000**	**$153,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$21,000	
Masonry: Brick	95%			LIFE	* *	5	$127,500	
Masonry: Limestone	3%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2047	* *	5	$42,800	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$23,500	
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Metal Cornice	5%			2053	* *	10	$4,500	
Roof								
Built-Up (BUR)	70%			2030	* *	10	$74,200	
Copper/Terne	5%			2040	* *	10	$13,200	
Roll Roofing	25%			2024	$109,400	5	$44,200	
Interior								
Floors								
Asphalt Poured	5%			2038	* *	5	$3,800	
Ceramic Tile	5%			2028	* *	5	$7,600	
Vinyl Tile	70%			2030	* *	3	$40,000	
Vinyl Tile 9" X 9"	15%	0-2	$251,800	2035	* *	3	$8,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100% *Location : Throughout*								
Wood	5%	Now	$251,400	2065	* *	5	$7,100	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40% *Location : Throughout*								
Interior Walls								
Ceramic Tile	7%			2021	$366,600	5	$13,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Gypsum Board	5%			LIFE	* *	5	$5,700	
Plaster	58%	2-4	$17,700	LIFE	* *	5	$33,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%			2030	* *	5	$53,300	
Exposed Concrete	25%			LIFE	* *	5	$6,000	
Plaster	40%			LIFE	* *	5	$38,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amp And 1600 Amp								
Fused Disc Sw	40%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Building								
Explanation : 1600 Amp								
Switchgear / Switchboard								
Fused Disc Sw	30%			2025	$51,300	5	$100	
Fused Disc Sw	70%			2045	* *	5	$300	
Raceway								
Conduit	50%			2025	$86,300	1		
Conduit	50%			2045	* *	1		
Panelboards								
Molded Case Bkrs	50%			2024	$89,700	5	$1,300	
Molded Case Bkrs	50%			2041	* *	5	$1,300	
Wiring								
Thermoplastic	50%			2045	* *	1		
Thermoplastic	50%			2025	$127,800	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$30,500	
Generators								
Diesel	100%			2038	* *	1	$38,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Of New Addition								
Explanation : Outdoor Unit, No Rating Available								
Batteries								
Not Accessible	100%							
Fuel Storage								
Main Tank	100%			2053	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$91,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
LED	2%			2035	* *			
Egress Lighting								
Exit, LED	50%			2065	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2025	$373,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$11,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$307,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : Existing 5000 Gal Tank, Oil #2								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$100,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$35,600	2035	* *	4	$5,000	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Steam Traps Throughout; Condensate Pump Overheating								
Terminal Devices								
Air Handler	40%			2025	$219,600	1	$25,200	
Convector/Radiator	60%			2030	* *	1	$19,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	50%			2023	$1,014,200	2	$3,100	
Window/Wall Unit	10%			2020	$20,900	1		
No Component	40%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$66,200	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2030	* *	1	$25,200	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2025	$48,800	2	$28,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,800	
Exhaust Fans								
Interior	80%			2025	$90,100	2	$2,500	
Roof	20%			2025	$16,200	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2045	* *	1		
Galv Iron/Steel	60%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$23,700	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$10,100	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$6,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 50%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 22 - SI

Asset # : 2526

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : From 1st To 2nd Floor								
Explanation : 1 Elevator								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2051	* *	1-5	$25,700	
Sprinkler								
No Component	60%							
Generic	40%			2035	* *	1-2	$11,400	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 23 - BK**
Address : **545 WILLOUGHBY AVENUE BTWN MARCY AVE - TOMPKINS AVE**
Borough : **BROOKLYN** **Agency's Number** : **K023**
Program / Asset # : **BOE0358.000 / 339** **Yr Built/Renovated** : **1966 / 2000**
Area Sq Ft : **98,000** **Project Type** : **EDUCATION**
Date of Survey : **11-Feb-2013** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1759** **Lot** : **13** **BIN** : **3048818**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$232,200
Interior Architecture	$1,345,000	$61,500
Electrical	$494,000	$678,400
Mechanical	$627,600	$1,043,400
Total	**$2,466,600**	**$2,015,400**
Importance Code A	$492,400	$269,200
Importance Code B	$1,852,100	$1,746,200
Importance Code C	$122,100	
Total	**$2,466,600**	**$2,015,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$9,400
Interior Architecture	$34,900	$2,300	$41,600	$3,800
Electrical	$4,000	$4,200	$29,600	$3,700
Mechanical	$57,500	$15,400	$23,400	$22,900
Total	**$96,400**	**$21,900**	**$94,600**	**$39,800**
Importance Code A		$10,000	$10,200	$19,400
Importance Code B	$61,500	$11,900	$79,700	$20,400
Importance Code C	$34,900		$4,700	
Total	**$96,400**	**$21,900**	**$94,600**	**$39,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$62,800	
Glazed Ceramic Panel	2%			LIFE	* *	5	$7,900	
Masonry: Brick	83%			LIFE	* *	5	$69,500	
Windows								
Aluminum	100%			2040	* *	5	$18,800	
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$13,700	
Roof								
Built-Up (BUR)	100%			2032	* *	10	$99,800	
Interior								
Floors								
Ceramic Tile	3%			2033	* *	5	$4,500	
Terrazzo	2%			LIFE	* *	5	$2,400	
Vinyl Tile	20%	Now	$257,400	2034	* *	3	$11,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : 9 X 9 Tiles In Gymnasium								
Vinyl Tile	75%			2019	$965,400	3	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Interior Walls								
Ceramic Tile	3%	Now	$44,400	2033	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Operable Wall	2%			2044	* *	5	$9,400	
Plaster	65%	0-2	$34,900	LIFE	* *	5	$26,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	2-4	$77,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%			2029	* *	5	$45,400	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$61,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	5%			2023	$9,000	5	$100	
Molded Case Bkrs	95%			2023	$170,400	5	$2,500	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$68,000	5	$600	
Locally Mounted	10%			2029	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$83,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Incandescent	10%			2019	$112,400	2	$200	
Egress Lighting								
Emergency, Battery	50%			2019	$68,200	10	$12,200	
Exit, Service	50%			2019	$13,600	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$59,300	1	$7,300	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$24,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$5,000	2044	* *	5	$15,700	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Oil Pump, Basement								
Conversion Equipment								
Steam Boiler	100%	Now	$492,400	2044	* *	1	$90,200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$706,200	4	$5,000	
Terminal Devices								
Air Handler	20%	Now	$5,500	2024	$109,100	1	$11,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Convector/Radiator	80%			2029	* *	1	$26,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	65%	Now	$135,200	2024	$135,200	1		
Broken, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,400	
Exhaust Fans								
Interior	40%			2024	$44,700	2	$1,200	
Roof	60%			2024	$48,200	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$10,000	
Sanitary Piping								
Cast Iron	100%	Now	$22,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Sewage Backs Up When It Rains Hard								
Storm Drain Piping								
Cast Iron	100%	Now	$14,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backs Up In The Basement With Heavy Rain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BK

Asset # : 339

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,400	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 23 - BX**		
Address	: **2151 WASHINGTON AVE. BTWN: E.181 ST. - E.182 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X023**
Program / Asset #	: **BOE0983.000 / 4148**	**Yr Built/Renovated**	: **1992 /**
Area Sq Ft	: **89,931**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3037** **Lot** : **79**	**BIN**	: **2090472**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$673,100	$159,200
Interior Architecture	$460,500	$166,400
Electrical		$1,771,300
Mechanical	$42,500	$1,111,400
Total	**$1,176,100**	**$3,208,400**
Importance Code A	$673,100	$159,200
Importance Code B	$316,700	$2,982,000
Importance Code C	$186,300	$67,100
Total	**$1,176,100**	**$3,208,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,000		$25,000	
Interior Architecture	$92,200			$18,500
Electrical	$18,600	$7,300	$14,100	$7,300
Mechanical	$67,000	$38,200	$29,900	$32,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$224,700**	**$49,400**	**$72,900**	**$62,600**
Importance Code A	$58,700	$7,100	$32,100	$7,100
Importance Code B	$87,300	$42,200	$40,800	$55,500
Importance Code C	$78,700			
Total	**$224,700**	**$49,400**	**$72,900**	**$62,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$170,600	
Metal, Corrugated	5%			2046	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooftop Enclosures								
Explanation : Wall Panels								
Pre-Cast Concrete	20%			LIFE	* *	5	$147,900	
Windows								
Aluminum	95%	Now	$432,900	2034	* *	5	$17,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : Gymnasium								
Glazing Clouded, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Library, Room 312, Stair Bulkheads, Gymnasium								
Metal Louvers	5%			2035	* *	10	$11,300	
Parapets								
Masonry: Brick Cavity	75%	Now	$26,300	LIFE	* *	5	$11,400	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Rail	15%			2039	* *	5-10	$41,200	
Pre-Cast Concrete	10%	Now	$1,100	LIFE	* *	5	$9,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$81,000	2031	* *			
Broken Paver Blocks, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 25%								
Location : Main Roof And Gymnasium Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Enclosures								
Modified Bitumen	5%	Now	$15,600	2036	* *			1
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stairwell Roof Hatches								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$6,700	
Vinyl Tile	90%	Now	$51,500	2031	* *	3	$45,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Wood	5%	Now	$44,400	2054	* *	5	$6,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$32,300	
Concrete Masonry Unit	65%	Now	$186,300	LIFE	* *	5	$67,100	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Stairwell Bulkheads								
Gypsum Board	5%			LIFE	* *	5-10	$21,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$32,300	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$130,700	2039	* *	5	$40,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Basement								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Steel	5%			LIFE	* *	10	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Exposed Metal Decking								
Gypsum Board	35%	Now	$47,700	LIFE	* *	5	$58,900	
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Library, Room 312, Stair Bulkheads, Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	90%			2034	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$27,700	
Generators								
Diesel	100%			2029	* *	1	$34,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated @ 250kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$20,000	
Fuel Storage								
Day Tank	50%			2034	* *	5	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons Rated Capacity								
Main Tank	50%			2041	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	3%			2026	$30,000	10	$2,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Auditorium								
Fluorescent	96%			2026	$959,000	10	$79,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2026	$7,200	10		
Egress Lighting								
Emergency, Service	50%			2026	$22,100	1		
Exit, Service	50%			2026	$12,100	1		
Exterior Lighting								
HID	100%			2026	$339,600	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$81,600	1	$10,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$279,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 5000 Tanks								
Conversion Equipment								
Heat Exchanger	40%			2029	* *	1	$17,800	
Steam Boiler	2%	Now	$8,800	2046	* *	1	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Defective Burner Control Panel, Boiler Combustion Air Dampers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Steam Boiler	58%			2031	* *	1	$51,700	
Distribution								
Hot Wtr Piping/Pump	40%			2042	* *	4	$2,700	
Steam Piping/Pump	60%	Now	$7,500	2046	* *	4	$2,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	5%	0-2	$42,500	2046	* *	1	$1,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Building Management System								
Convector/Radiator	45%			2039	* *	1	$13,100	
Fan Coil Unit/Heat	10%			2026	$134,700	1	$2,900	
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse								
Explanation : The Air Handling Equipment Accounted For Under The Air Conditioning Portion Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	100%			2026	$415,100			
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$382,000	1	$55,600	
Heat Rejection								
Air Condenser Unit	100%			2026	$179,700	2	$62,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,400	
Exhaust Fans								
Roof	2%	Now	$1,400	2036	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Roof, 2 Of 8 Defective Exhaust Fan Motors								
Roof	8%			2026	$5,700	2	$200	
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse								
Explanation : This Equipment Is Accouted For Under The Air Conditioning Portion Of This Report								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$20,900	2	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, This Unit Is Experiencing Intermittent Flame Failure								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - BX

Asset # : 4148

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$45,300	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$2,500	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 23 - SI**
Address : **30 NATICK STREET @ MAPLEWOOD AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R023**
Program / Asset # : **BOE0914.000 / 1448**
Yr Built/Renovated : **1964 / 2012**
Area Sq Ft : **66,000**
Project Type : **EDUCATION**
Date of Survey : **13-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4373** **Lot** : **1**
BIN : **5059927**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,200	$94,900
Interior Architecture	$985,100	$81,500
Electrical	$719,600	$957,800
Mechanical	$98,000	
Total	**$1,870,000**	**$1,134,200**
Importance Code A	$67,200	$120,800
Importance Code B	$1,759,300	$1,013,400
Importance Code C	$43,400	
Total	**$1,870,000**	**$1,134,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$6,300
Interior Architecture	$42,600	$17,500		$10,800
Electrical	$1,900	$35,000	$1,200	$1,200
Mechanical	$14,300	$17,400	$14,000	$5,500
Total	**$58,800**	**$69,900**	**$15,200**	**$23,900**
Importance Code A		$100		$6,300
Importance Code B	$39,300	$69,800	$15,200	$17,600
Importance Code C	$19,500			
Total	**$58,800**	**$69,900**	**$15,200**	**$23,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$55,300	
Granite Panels	2%			LIFE	* *	5	$800	
Windows								
Aluminum	100%			2045	* *	5	$12,700	
Parapets								
Masonry: Limestone	5%			LIFE	* *	5	$600	
Metal: Cage/Fence	95%			2036	* *	5-10	$67,900	
Roof								
Built-Up (BUR)	100%			2028	* *	10	$67,200	
Interior								
Floors								
Slate	5%	0-2	$17,800	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$4,700	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	5%			2023	$43,300	3	$2,500	
Vinyl Tile	80%	Now	$208,100	2018	$693,500	3	$30,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Wood	5%			2038	* *	5	$9,600	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	5%	0-2	$2,000	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	60%	0-2	$43,400	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$17,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$25,500	
Exposed Concrete	20%			LIFE	* *	5	$3,200	
Plaster	60%	0-2	$40,100	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps & One 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2049	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	80%			2022	$107,600	5	$1,400	
Molded Case Bkrs	10%			2045	* *	5	$200	
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$200	
Locally Mounted	50%			2021	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	53%			2018	$401,000	10	$33,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	30%			2023	$227,000	10	$18,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2023	$10,900	10		
Incandescent	15%			2018	$113,500	2	$200	
Egress Lighting								
Emergency, Battery	50%			2023	$45,900	10	$8,200	
Exit, Service	50%			2023	$9,200	1		
Exterior Lighting								
HID	100%			2023	$249,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$205,100	1-3	$12,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Under Construction	100%							
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 40%								
Location : Basement, New Boiler Steam Header, Condensate Header, Vaccuum Pumping System, Steam Traps								
Terminal Devices								
Air Handler	40%			2028	* *	1	$16,900	
Convector/Radiator	60%			2028	* *	1	$13,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2031	* *	1	$9,500	
Window/Wall Unit	70%			2018	$98,000	1		
Distribution								
No Component	70%							
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	* *	1	$12,600	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2031	* *	2	$14,200	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,000	
Exhaust Fans								
Interior	40%			2028	* *	2	$800	
Roof	60%	Now	$3,200	2023	$32,500	2	$1,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2023	$15,800	2	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 23 - SI

Asset # : 1448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$1,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 24 - BK**		
Address	**: 427 38 STREET @ 4TH AVE**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K024**
Program / Asset #	**: BOE0968.000 / 4480**	**Yr Built/Renovated**	**: 1997 / 2002**
Area Sq Ft	**: 93,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 30-Dec-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 701 Lot : 1**	**BIN**	**: 3346119**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$316,300	$64,600
Interior Architecture	$117,600	$40,200
Electrical		$83,600
Mechanical		$1,221,100
Total	**$433,800**	**$1,409,500**
Importance Code A	$316,300	$64,600
Importance Code B	$117,600	$1,344,900
Total	**$433,800**	**$1,409,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,200			
Interior Architecture	$30,100		$24,100	$14,100
Electrical	$18,700	$7,200	$8,800	$7,200
Mechanical	$64,400	$44,200	$37,800	$57,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$165,300**	**$59,200**	**$78,700**	**$86,700**
Importance Code A	$52,200	$8,100	$8,100	$8,100
Importance Code B	$93,600	$51,200	$69,900	$78,600
Importance Code C	$19,400		$700	
Total	**$165,300**	**$59,200**	**$78,700**	**$86,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$129,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 420								
Pre-Cast Concrete	10%			LIFE	* *	5	$46,700	
Windows								
Aluminum	100%	Now	$91,500	2042	* *	5	$10,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$21,300	
Metal Panel	5%			2052	* *	5	$700	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,600	
Roof								
IRMA/Protected Membrane	100%	Now	$160,100	2031	* *			
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 420 And 401								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,400	
Vinyl Tile	85%	Now	$77,400	2031	* *	3	$34,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			2054	* *	5	$20,100	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$7,000	
Ceramic Tile	5%			2039	* *	5	$1,400	
Concrete Masonry Unit	40%			LIFE	* *	5	$8,900	
Gypsum Board	10%			LIFE	* *	5-10	$4,800	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$4,900	
Ceilings								
AcousTileConcealSpLn	20%			2039	* *	5	$26,800	
AcousTileSusp.Lay-In	75%			2039	* *	5	$80,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 401 And 420								
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	30%			2042	* *	5	$600	
Molded Case Bkrs	70%			2042	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$28,600	
Generators								
Diesel	100%			2035	* *	1	$36,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Rated @ 276 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$20,700	
Fuel Storage								
Main Tank	100%			2054	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 275 Gal								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$83,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lamp T-8								
HID	2%			2031	* *	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2026	$22,900	1		
Exit, Service	50%			2026	$12,500	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Heat Exchanger	25%			2029	* *	1	$11,500	
Steam Boiler	75%			2031	* *	1	$69,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2034	* *	4	$3,400	
Steam Piping/Pump	50%			2036	* *	4	$2,300	
Terminal Devices								
Air Handler	50%			2026	$250,700	1	$28,800	
Convector/Radiator	50%			2031	* *	1	$15,000	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$315,700	1	$43,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$4,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$395,000	1	$57,500	
Heat Rejection								
Air Condenser Unit	100%			2026	$185,800	2	$64,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,100	
Exhaust Fans								
Roof	100%			2026	$73,900	2	$2,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Triplex Booster Pumps								
Water Heater								
Gas Fired	100%			2024	$21,600	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious Type With 2 - 275 Gallon Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2031	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C To 4								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BK

Asset # : 4480

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$46,900	
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$5,200	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 24 - Q**
Address : **141-11 HOLLY AVENUE @ UNION ST.**
Borough : **QUEENS**
Agency's Number : **Q024**
Program / Asset # : **BOE0687.000 / 1197**
Yr Built/Renovated : **1932 / 2010**
Area Sq Ft : **65,000**
Project Type : **EDUCATION**
Date of Survey : **23-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5201** **Lot** : **21** **BIN** : **4117403**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$103,600	$83,700
Interior Architecture	$659,600	$46,500
Electrical	$357,300	$241,700
Mechanical	$130,900	$627,700
Total	**$1,251,400**	**$999,600**
Importance Code A	$103,600	$83,700
Importance Code B	$1,147,800	$915,900
Total	**$1,251,400**	**$999,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,000			
Interior Architecture		$7,500	$2,500	$30,900
Electrical		$200		$1,100
Mechanical	$12,700	$10,500	$14,700	$20,300
Total	**$46,800**	**$18,200**	**$17,200**	**$52,300**
Importance Code A	$40,600	$6,600	$6,600	$6,700
Importance Code B	$6,100	$9,100	$10,600	$45,500
Importance Code C		$2,500		
Total	**$46,800**	**$18,200**	**$17,200**	**$52,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$36,400	
Masonry: Brick	20%	Now	$36,600	LIFE	* *	5	$12,100	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Foundation Under Auditorium*								
Masonry: Granite	5%			LIFE	* *	5	$2,300	
Masonry: Limestone	15%			LIFE	* *	5	$6,800	
Windows								
Aluminum	100%			2047	* *	5	$22,600	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$9,000	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Metal Rail	25%			2042	* *	5-10	$57,900	
Recent Installation, Extent : Light, Area Affected : 100% *Location : Throughout*								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$67,000	
Copper/Terne	5%			2053	* *	10	$8,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Ceramic Tile	5%			2034	* *	5	$5,000	
Terrazzo	5%			LIFE	* *	5	$3,900	
Vinyl Tile 9" X 9"	60%	Now	$659,600	2035	* *	3	$22,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50% *Location : Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 50%* *Location : Throughout*								
Wood	25%			2040	* *	5	$46,800	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Auditorium Foundation*								
Ceramic Tile	5%			2028	* *	5	$5,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$15,100	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2038	* *	5	$9,900	
Exposed Concrete	10%			LIFE	* *	5	$1,500	
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	75%			LIFE	* *	5	$46,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$300	
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	90%			2050	* *	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2055	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$200	
Locally Mounted	50%			2023	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$59,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$10,600	10		
Egress Lighting								
Emergency, Battery	50%			2025	$45,000	10	$8,000	
Exit, Service	50%			2025	$9,000	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$235,600			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 6500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$66,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) Dual Fuel Stteam Boilers								
Distribution								
Steam Piping/Pump	80%			2025	$372,400	4	$3,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping Beyond Useful Life Cycle Rating								
Steam Piping/Pump	20%	Now	$1,900	2045	* *	4	$700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room Pit, Defective Vaccuum Pump Float								
Terminal Devices								
Air Handler	20%			2020	$71,900	1	$8,300	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : First Floor Fan Room, Leaky Gymnasium Blower Heating Coil								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room Blowers Are Beyond Useful Life Cycle Rating								
Convector/Radiator	80%			2030	* *	1	$17,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Radiators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2023	$96,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,200	
Exhaust Fans								
Interior	80%			2020	$59,000	2	$1,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : First Floor Fan Room, Defective Auditorium Exhaust Fan Bearing								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	20%			2020	$10,600	2	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Roof Top Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - Q

Asset # : 1197

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2045	* *	1		
Galv Iron/Steel	80%			2023	$159,300	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room,The Domestic Water Piping Beyond Useful Life Cycle Rating								
Water Heater								
Gas Fired	100%			2023	$15,500	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Drain Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2030	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 25 - BK**				
Address	: **787 LAFAYETTE AVENUE @MARCUS GARVEY BLVD.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K025**	
Program / Asset #	: **BOE0359.000 / 340**		**Yr Built/Renovated**	: **1942 / 2009**	
Area Sq Ft	: **102,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **12-Nov-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1787**	**Lot** : **14**	**BIN**	: **3049858**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$234,900	$90,500
Interior Architecture	$822,800	$51,400
Electrical	$1,377,100	$1,103,800
Mechanical	$36,500	$336,000
Total	**$2,471,300**	**$1,581,700**
Importance Code A	$234,900	$132,500
Importance Code B	$2,236,400	$1,449,300
Total	**$2,471,300**	**$1,581,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,700	$1,800		
Interior Architecture	$50,600			$10,800
Electrical	$2,700	$1,900	$2,300	$2,800
Mechanical	$14,500	$15,500	$22,600	$16,400
Total	**$86,500**	**$19,300**	**$24,900**	**$29,900**
Importance Code A	$29,100	$12,200	$10,600	$10,400
Importance Code B	$26,000	$7,100	$14,400	$19,600
Importance Code C	$31,400			
Total	**$86,500**	**$19,300**	**$24,900**	**$29,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$90,500	
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%	0-2	$148,500	2040	* *	5	$17,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$12,100	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
No Component	35%							
Roof								
IRMA/Protected Membrane	78%			2029	* *	10	$86,300	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roll Roofing	2%			2023	$9,100	5	$3,700	
Slate	20%	2-4	$18,700	LIFE	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,100	
Terrazzo	5%	Now	$18,200	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	50%	Now	$66,600	2019	$665,800	3	$29,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	5%			2029	* *	3	$3,900	
Wood	35%	4+	$90,400	2039	* *	5	$51,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,200	
Marble Panels	5%	Now	$31,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Plaster	60%			LIFE	* *	5	$28,400	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	75%			LIFE	* *	5	$18,200	
Plaster	25%			LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2024	$19,500	5		
Fused Knife Sw	90%	2-4	$175,900	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	100%			2024	$208,700	1		
Panelboards								
Fused Knife Sw	30%	2-4	$53,800	2049	* *	5	$400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	30%	2-4	$53,800	2049	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	40%			2040	* *	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$238,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$300	
Locally Mounted	50%			2037	* *	5	$300	
Ground								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	30%			2024	$348,700	10	$28,800	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	60%			2019	$697,400	10	$57,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Amps								
HID	5%			2019	$41,800	10	$200	
Incandescent	5%			2019	$58,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$25,700	1		
Exit, Service	50%			2024	$14,100	1		
Exterior Lighting								
HID	100%			2024	$385,200	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$61,700	1	$7,600	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2029	* *	1-3	$13,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$103,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$36,500	2034	* *	4	$5,200	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Vacuum Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BK

Asset # : 340

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$112,800	1	$12,900	
Convector/Radiator	80%			2029	* *	1	$27,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2022	$107,600	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,300	
Exhaust Fans								
Interior	100%			2024	$115,700	2	$3,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$24,300	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit - 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	95%							
Generic	5%	Now		2024	$500	1	$300	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Basement Installed Make Up Water								
Explanation : Leaks								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 25 - SI OLD P.S. 4 - SI**		
Address	: **4210 ARTHUR KILL ROAD BTWN: CLAY PIT RD. - STORER AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R025**
Program / Asset #	: **BOE0916.000 / 4428**	**Yr Built/Renovated**	: **1896 / 2011**
Area Sq Ft	: **18,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2014**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7315** **Lot** : **7**	**BIN**	: **5086781**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$40,200	
Interior Architecture	$193,100	
Electrical	$188,700	$9,900
Total	**$422,000**	**$9,900**
Importance Code A	$40,200	
Importance Code B	$381,800	$9,900
Total	**$422,000**	**$9,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,900			$11,600
Interior Architecture	$89,800			$5,600
Electrical		$100		$29,900
Mechanical	$2,500	$4,100	$2,900	$2,400
Total	**$96,100**	**$4,100**	**$3,000**	**$49,500**
Importance Code A	$5,700	$1,800	$1,800	$13,400
Importance Code B	$63,200	$2,300	$1,200	$36,100
Importance Code C	$27,200			
Total	**$96,100**	**$4,100**	**$3,000**	**$49,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$40,200	LIFE	* *	5	$24,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Windows								
Aluminum	100%			2047	* *	5	$7,800	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,600	
Roof								
Asphalt Shingle	40%			2034	* *	10	$1,300	
Built-Up (BUR)	60%			2030	* *	10	$11,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,000	
Ceramic Tile	5%	Now	$2,900	2028	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%	Now	$2,600	2030	* *	3	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	75%	Now	$19,300	2020	$193,100	3	$7,800	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%			2060	* *	5	$2,600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$700	
Masonry: Brick	5%			LIFE	* *			
Plaster	85%	Now	$25,700	LIFE	* *	5	$8,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Office, Rooms 101, 201 And 202								
SGFT/Glazed Masonry	5%	4+	$1,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Toilets, 1st Floor								
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$2,800	
Embossed Metal	15%	Now	$8,000	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$29,800	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$100	
Raceway								
Conduit	50%			2025	$12,100	1		
Conduit	50%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$1,600	5		
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	75%			2041	* *	5	$400	
Molded Case Bkrs	15%			2024	$4,900	5	$100	
Wiring								
Thermoplastic	70%			2045	* *	1		
Thermoplastic	30%			2025	$8,000	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$100	
Locally Mounted	20%			2023	$9,900	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	84%			2020	$188,700	10	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	3%			2020	$4,800	10		
Incandescent	3%			2020	$6,700	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$2,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2033	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - SI OLD P.S. 4 - SI

Asset # : 4428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 2500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$18,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boliers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$900	
Terminal Devices								
Convector/Radiator	80%			2030	* *	1	$4,800	
Fan Coil Unit/Heat	20%			2030	* *	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2023	$33,300	1		
No Component	20%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$4,700	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 125 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

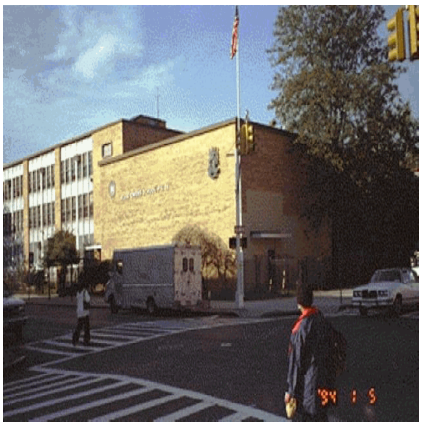
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 26 - BK**
Address : **1014 LAFAYETTE AVENUE @MALCOLM X BLVD.**
Borough : **BROOKLYN** | **Agency's Number** : **K026**
Program / Asset # : **BOE0360.000 / 341** | **Yr Built/Renovated** : **1956 / 2012**
Area Sq Ft : **124,000** | **Project Type** : **EDUCATION**
Date of Survey : **16-Nov-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1616** **Lot** : **1** | **BIN** : **3043822**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$230,900	$1,043,000
Interior Architecture	$1,220,800	$103,400
Electrical	$2,763,100	$494,100
Mechanical	$80,900	$1,025,300
Total	**$4,295,700**	**$2,665,800**
Importance Code A	$230,900	$1,055,600
Importance Code B	$3,772,600	$1,610,200
Importance Code C	$292,200	
Total	**$4,295,700**	**$2,665,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$72,700			
Interior Architecture	$65,700	$4,800		$16,700
Electrical	$64,100	$4,200	$52,700	$2,900
Mechanical	$19,100	$24,400	$77,900	$22,000
Total	**$221,600**	**$33,300**	**$130,500**	**$41,600**
Importance Code A	$85,300	$12,600	$12,900	$12,600
Importance Code B	$106,500	$20,700	$117,700	$29,000
Importance Code C	$29,800			
Total	**$221,600**	**$33,300**	**$130,500**	**$41,600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%	0-2	$9,500	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	80%	0-2	$139,700	LIFE	* *	5	$92,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%	0-2	$4,200	2044	* *	5	$21,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Panel/Paver: Limestone	5%	0-2	$31,600	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$43,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$14,700	
Metal: Cage/Fence	15%	0-2	$7,300	2037	* *	5	$11,800	
Pre-Cast Concrete	25%	0-2	$10,900	LIFE	* *	5	$38,500	
Expansion Jnt Failure, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	15%	0-2	$9,200	2029	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	85%	Now	$91,200	2024	$912,000			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,600	
Ceramic Tile	5%			2033	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$7,400	
Vinyl Tile	50%	Now	$80,900	2019	$809,400	3	$35,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	20%			2029	* *	3	$19,000	
Wood	10%	4+	$12,600	2039	* *	5	$17,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Stage								
Interior Walls								
Concrete Masonry Unit	35%	Now	$29,800	LIFE	* *	5	$26,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor, Gymnasium								
Glazed Ceramic Panel	5%	Now	$60,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	30%	0-2	$46,100	LIFE	* *	5	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$185,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	Now	$38,200	2029	* *	5	$29,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Hallways, Throughout								
Exposed Concrete	65%			LIFE	* *	5	$19,200	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	Now	$18,500	2024	$61,800			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Acoustical Ceiling In Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2034	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect								
Switchgear / Switchboard								
Fused Disc Sw	25%			2024	$48,900	5	$100	
Fused Knife Sw	75%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 25%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2034	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$22,400	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 25%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2032	* *	5	$300	
Molded Case Bkrs	80%			2023	$179,400	5	$2,600	
Wiring								
Braided Cloth	80%	2-4	$238,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	75%			2022	$86,300	5	$600	
Locally Mounted	25%	2-4	$28,800	2044	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 25%								
Location : Mech Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%	0-2	$282,600	2034	* *			
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	70%			2019	$989,000	10	$81,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	10%			2019	$141,300	2	$300	
Egress Lighting								
Emergency, Service	50%			2019	$31,300	1		
Exit, Service	50%			2019	$17,200	1		
Exterior Lighting								
HID	100%			2019	$468,300	10	$400	
Alarm								
Security System								
No Component	75%							
Generic	25%			2019	$93,800	1	$11,600	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2019	$321,100	1-3	$19,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$39,400	
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$126,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boilers								
Explanation : Under Construction								
Distribution								
Steam Piping/Pump	100%			2024	$888,100	4	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$137,200	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Convector/Radiator	80%			2029	* *	1	$32,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$26,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,900	
Exhaust Fans								
Interior	20%			2029	* *	2	$800	
Roof	80%			2019	$80,900	2	$3,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Water Heater								
Gas Fired	100%			2023	$29,600	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$18,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BK

Asset # : 341

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 26 - Q**
Address : **195-02 69 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0689.000 / 2260**
Area Sq Ft : **86,000**
Date of Survey : **13-Nov-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7117** **Lot** : **421**

Agency's Number : **Q026**
Yr Built/Renovated : **1949 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4153296**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$130,000	$495,200
Interior Architecture	$920,600	$82,000
Electrical	$1,448,900	$264,700
Mechanical	$36,300	$863,200
Total	**$2,535,800**	**$1,705,100**
Importance Code A	$130,000	$924,600
Importance Code B	$2,405,800	$780,400
Total	**$2,535,800**	**$1,705,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,000		$2,100	
Interior Architecture	$41,800	$4,000	$19,700	
Electrical	$2,600	$1,800	$23,700	$2,300
Mechanical	$36,400	$18,300	$39,700	$13,900
Total	**$108,800**	**$24,100**	**$85,200**	**$16,300**
Importance Code A	$36,700	$8,700	$11,000	$8,700
Importance Code B	$64,700	$13,300	$74,200	$7,500
Importance Code C	$7,400	$2,000		
Total	**$108,800**	**$24,100**	**$85,200**	**$16,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$76,300	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	95%			2046	* *	5	$28,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Glass Block	5%	Now	$14,900	LIFE	* *	5	$900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Parapets								
Copper/Terne	5%			2059	* *	5	$4,100	
Masonry: Brick	90%	0-2	$88,100	LIFE	* *	5	$15,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout Interior Face								
Masonry: Limestone	5%	2-4	$4,400	LIFE	* *	5	$1,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout Coping								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Coping								
Roof								
Built-Up (BUR)	98%	Now	$41,900	2024	$418,900			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 306								
Skylight, Plastic	2%	2-4	$8,600	2037	* *	1		
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Exit Stair 6								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	3%			2033	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	82%			2019	$920,600	3	$40,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$12,400	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$4,000	
Concrete Masonry Unit	5%	0-2	$7,400	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Old Coal Bunker								
Marble Panels	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$23,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
Plaster	100%	Now	$34,400	LIFE	* *	5	$82,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 306								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 306								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$400	
Raceway								
Conduit	80%			2024	$138,100	1		
Conduit	20%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2049	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2024	$51,100	1		
Thermoplastic	10%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$783,900	10	$64,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2032	* *	10	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	* *	10	$4,000	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Staircase Walls								
Incandescent	5%			2019	$49,000	2	$100	
Egress Lighting								
Emergency, Battery	40%			2019	$47,600	10	$8,500	
Emergency, Battery	10%			2032	* *	10	$2,100	
Exit, Service	50%			2019	$11,900	1		
Exterior Lighting								
HID	100%			2019	$324,800	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$19,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$217,300	5	$27,300	
Conversion Equipment								
Steam Boiler	100%			2022	$429,500	1	$87,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,300	2034	* *	4	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	25%			2024	$118,900	1	$13,600	
Convector/Radiator	75%			2029	* *	1	$21,400	
Air Conditioning								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - Q

Asset # : 2260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$36,300	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,200	
Exhaust Fans								
Interior	100%			2024	$97,500	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2050	* *	1		
Galv Iron/Steel	95%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$20,500	2	$1,300	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$13,100	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 26 - SI**				
Address	: **4108 VICTORY BLVD. @ WILD AVE.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R026**	
Program / Asset #	: **BOE0917.000 / 1450**		**Yr Built/Renovated**	: **1886 / 2011**	
Area Sq Ft	: **28,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Jan-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2**				
Block	: **2634**	**Lot** : **1**	**BIN**	: **5107386**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$317,500
Interior Architecture	$119,100	$312,300
Electrical		$289,700
Mechanical		$292,900
Total	**$119,100**	**$1,212,400**
Importance Code A		$317,500
Importance Code B	$119,100	$820,900
Importance Code C		$74,100
Total	**$119,100**	**$1,212,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,200	$13,100		
Interior Architecture	$47,300	$300		$3,500
Electrical	$27,500	$24,700	$600	$500
Mechanical	$34,600	$12,700	$4,600	$4,600
Total	**$114,500**	**$50,700**	**$5,200**	**$8,700**
Importance Code A	$7,900	$15,900	$2,700	$2,700
Importance Code B	$84,400	$34,800	$2,500	$6,000
Importance Code C	$22,200			
Total	**$114,500**	**$50,700**	**$5,200**	**$8,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	* *	5	$3,800	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Connection Between The Two Buildings								
Masonry: Brick	80%			LIFE	* *	5	$30,400	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$3,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Between The Two Buildings								
Metal Panel	5%			2053	* *	5-10	$13,000	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Between The Two Buildings								
Windows								
Aluminum	95%			2048	* *	5	$11,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	5%			2038	* *	10	$3,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$7,000	
Masonry: Limestone	10%			LIFE	* *	5	$1,000	
Roof								
Asphalt Shingle	25%	0-2	$5,200	2026	$25,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	70%			2023	$96,100	10	$21,000	
Skylight, Metal/Glass	5%			2023	$221,400	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$23,600	
Ceramic Tile	5%	Now	$25,100	2036	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms, Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bathrooms								
Recent Replace Evident, Extent : Light, Area Affected : 5%								
Location : Bathroom								
Vinyl Tile	5%			2033	* *	3	$800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	65%	Now	$119,100	2023	$238,300	3	$10,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$22,200	2026	$74,100	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms, Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 5%								
Location : Bathroom								
Gypsum Board	5%			LIFE	* *	5	$1,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$12,900	
Ceilings								
Embossed Metal	30%			LIFE	* *	5	$5,800	
Gypsum Board	1%			LIFE	* *	5	$500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	69%			LIFE	* *	5	$18,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$2,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Cafeteria C								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$88,000	5	$100	
Fused Disc Sw	10%			2053	* *	5		
Raceway								
Conduit	10%			2043	* *	1		
Conduit	85%			2033	* *	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$7,500	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$100	
Molded Case Bkrs	75%			2022	$56,100	5	$600	
Molded Case Bkrs	5%			2048	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$26,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2043	* *	1		
Thermoplastic	35%			2023	$23,300	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$27,200	5	$100	
Locally Mounted	30%			2036	* *	5	$100	
Locally Mounted	10%			2043	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$23,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	* *	10	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	* *	10	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Battery	45%			2023	$17,500	10	$3,100	
Emergency, Battery	5%			2033	* *	10	$300	
Exit, Service	45%			2023	$3,500	1		
Exit, Service	5%			2033	* *	1		
Exterior Lighting								
HID	90%			2023	$95,200	10	$100	
HID	10%			2033	* *	10		
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2033	* *	1-3	$6,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 3,000 Gallon Tank								
Conversion Equipment								
Furnace	10%			2028	* *	1	$1,400	
Steam Boiler	90%			2040	* *	1	$25,700	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	90%			2023	$181,000	4	$1,300	
Steam Piping/Pump	10%	Now	$20,100	2053	* *	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Condensate Return Vaccuum Pumping System								
Terminal Devices								
Convector/Radiator	90%			2028	* *	1	$8,400	
Fan Coil Unit/Heat	10%			2023	$43,100	1	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2028	* *	2	$200	
Window/Wall Unit	15%	0-2	$8,900	2023	$8,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout Class Rooms, Multiple Mechanical Defects								
Window/Wall Unit	15%			2018	$8,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,600	
No Component	90%							
Exhaust Fans								
Roof	10%	Now	$1,100	2028	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof, Multiple Mechanical Defects								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%			2021	$68,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - SI

Asset # : 1450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	90%			2022	$6,000	2	$400	
Gas Fired	10%	Now	$700	2023	$700	2		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement, 2/2 Defective Circulating Pumps								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 27 - BK**				
Address	: **NELSON & HICKS STREETS**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K027**
Program / Asset #	: **BOE0361.000 / 342**			**Yr Built/Renovated**	: **1890 / 2007**
Area Sq Ft	: **92,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**				
Block	: **525**	**Lot**	: **1**	**BIN**	: **3008342**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$519,800	$200,400
Interior Architecture	$951,700	$296,500
Electrical	$290,800	$1,686,500
Mechanical		$314,200
Total	**$1,762,200**	**$2,497,500**
Importance Code A	$519,800	$200,400
Importance Code B	$1,070,500	$2,053,800
Importance Code C	$172,000	$243,300
Total	**$1,762,200**	**$2,497,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$68,100	$1,100		
Interior Architecture	$96,900	$3,500	$5,700	$9,200
Electrical	$9,600	$2,400	$2,400	$3,100
Mechanical	$28,200	$35,400	$23,100	$14,200
Total	**$202,800**	**$42,500**	**$31,100**	**$26,500**
Importance Code A	$77,500	$10,500	$9,600	$9,400
Importance Code B	$61,200	$32,000	$21,500	$17,100
Importance Code C	$64,100			
Total	**$202,800**	**$42,500**	**$31,100**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$430,800	LIFE	* *	5	$142,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%	Now	$26,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	2%	Now	$16,400	LIFE	* *	5	$2,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Horizontal Bands								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Horizontal Bands								
Windows								
Aluminum	95%	Now	$89,000	2039	* *	5	$21,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	5%			2048	* *	5	$2,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$18,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,100	
Roof								
Built-Up (BUR)	78%			2031	* *	10	$57,600	
Skylight, Metal/Glass	2%			2033	* *	10	$4,900	
Slate	20%	Now	$25,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%			2025	$54,200	3	$6,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	10%	Now	$13,700	2032	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	52%	Now	$62,600	2018	$626,300	3	$27,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	20%			2031	* *	3	$10,600	
Wood	15%	Now	$35,000	2038	* *	5	$19,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$27,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$12,200	2026	$243,300	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	3%	Now	$47,700	LIFE	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	7%	Now	$24,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	Now	$38,900	LIFE	* *	5	$29,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$85,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$6,600	2028	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2028	* *	5	$7,100	
Embossed Metal	10%	Now	$12,400	LIFE	* *	5	$6,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$3,300	
Plaster	60%	Now	$55,800	LIFE	* *	5	$53,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	90%			2045	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	85%			2021	$64,200	5	$500	
Locally Mounted	10%	2-4	$7,600	2043	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	5%			2036	* *	5		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$998,600	10	$82,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2018	$52,600	2	$100	
Egress Lighting								
Exit, Service	50%			2031	* *	1		
Exit, Battery	50%			2031	* *	10	$3,200	
Exterior Lighting								
HID	100%			2023	$347,500	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$55,700	1	$6,900	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2018	$238,200	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2049	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$93,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2049	* *	4	$7,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2023	$153,100	1	$17,600	
Convector/Radiator	50%			2028	* *	1	$15,300	
Fan Coil Unit/Heat	20%	Now	$5,700	2028	* *	1	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Throughout Units								
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2028	* *	2	$300	
Window/Wall Unit	10%			2021	$19,500	1		
No Component	85%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$6,200	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,800	
Exhaust Fans								
Interior	100%	Now	$5,200	2023	$104,600	2	$2,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$56,500	1		
Antiquated, Extent : Light, Area Affected : 100%								
Location : Basement Crawl Space								
Water Heater								
Gas Fired	100%	Now	$2,200	2018	$22,000	2	$1,100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : System Running On Temp. Electric Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : High Water Table Causing Water Infiltration Through Basement								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 27 - BK

Asset # : 342

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 28 - M**				
Address	: **475 WEST 155 STREET @AMSTERDAM AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M028**
Program / Asset #	: **BOE0016.000 / 442**			**Yr Built/Renovated**	: **1960 / 2000**
Area Sq Ft	: **102,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jan-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **2107**	**Lot**	: **26**	**BIN**	: **1076739**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$908,800	$470,800
Interior Architecture	$1,001,800	$51,400
Electrical	$2,003,600	$683,100
Mechanical	$512,500	$353,600
Total	**$4,426,700**	**$1,558,900**
Importance Code A	$1,421,300	$512,800
Importance Code B	$2,820,900	$1,046,100
Importance Code C	$184,500	
Total	**$4,426,700**	**$1,558,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,100		$26,800	
Interior Architecture	$98,000			$13,800
Electrical	$25,300	$3,100	$31,400	$2,200
Mechanical	$24,000	$23,300	$46,700	$15,500
Total	**$156,300**	**$26,400**	**$104,800**	**$31,500**
Importance Code A	$9,100	$10,400	$37,400	$10,400
Importance Code B	$116,300	$16,000	$67,400	$21,100
Importance Code C	$31,000			
Total	**$156,300**	**$26,400**	**$104,800**	**$31,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	0-2	$171,000	LIFE	* *	5	$56,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Outside Room 304								
Metal/Glass Curt Wall	20%	Now	$276,800	LIFE	* *	5	$32,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Granite Panels	5%			LIFE	* *	5	$3,300	
Marble Panels	10%			LIFE	* *	5	$6,500	
Windows								
Aluminum	100%	0-2	$164,100	2040	* *	5	$9,800	
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast in Place Concrete	10%	0-2	$9,100	LIFE	* *	5	$14,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Masonry: Brick	40%			LIFE	* *	5	$5,700	
Metal/Glass Curt Wall	50%			2044	* *	5	$27,600	
Roof								
Built-Up (BUR)	45%	Now	$214,100	2034	* *			1
Ponding, Extent : Severe, Area Affected : 50%								
Location : Throughout Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Main Roof								
Copper/Terne	5%			2039	* *	10	$13,000	
IRMA/Protected Membrane	50%	0-2	$82,800	2024	$414,100			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,500	
Ceramic Tile	5%	4+	$15,300	2033	* *	5	$3,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	50%	Now	$67,000	2019	$669,900	3	$29,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%	Now	$80,400	2029	* *	3	$11,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	10%			2052	* *	5	$29,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium, 2012								
Interior Walls								
Concrete Masonry Unit	10%	Now	$31,000	LIFE	* *	5	$5,600	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Basement Men And Womens Bathroom								
Masonry: Brick	10%			LIFE	* *			
Plaster	55%	0-2	$184,500	LIFE	* *	5	$23,000	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$31,800	2029	* *	5	$24,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Exposed Concrete	50%			LIFE	* *	5	$12,300	
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	5%	Now	$5,100	2024	$51,400			
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Gym								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gym								
Explanation : Sagging								
Plaster	10%			LIFE	* *	5	$9,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$12,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2044	* *	5		
Molded Case Bkrs	90%			2024	$175,900	5	$2,400	
Raceway								
Conduit	90%			2024	$187,800	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$26,900	5	$400	
Molded Case Bkrs	70%			2023	$125,600	5	$1,900	
Molded Case Bkrs	15%			2040	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$208,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$59,700	1		
Motor Controllers								
Locally Mounted	80%			2022	$92,100	5	$600	
Locally Mounted	20%	2-4	$23,000	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	25%			2029	* *	10	$24,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	70%			2019	$818,600	10	$67,600	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	5%			2019	$58,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$71,000	10	$12,700	
Exit, Service	50%			2019	$14,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2019	$385,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$369,800	1-3	$22,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$32,600	
Conversion Equipment								
Steam Boiler	100%	0-2	$512,500	2044	* *	1	$93,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Burners								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$7,800	
Terminal Devices								
Air Handler	20%	Now	$5,700	2024	$113,500	1	$11,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Blower Steam Coil								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Convector/Radiator	80%			2029	* *	1	$27,200	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	80%			2022	$173,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,700	
Exhaust Fans								
Interior	20%			2024	$23,300	2	$600	
Roof	80%	Now	$3,300	2024	$67,000	2	$2,100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Missing Covers								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Fan								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - M

Asset # : 442

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2023	$24,500	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,500	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 28 - Q**		
Address	: **109-10 47TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q028**
Program / Asset #	: **BOE1025.000 / 13467**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **51,715**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,ph**		
Block	: **2003** **Lot** : **23**	**BIN**	: **4529578**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$77,600	$96,700
Electrical		$47,400
Total	**$77,600**	**$144,100**
Importance Code A	$77,600	$96,700
Importance Code B		$47,400
Total	**$77,600**	**$144,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,700	$5,600	$3,700	
Interior Architecture	$101,500		$37,600	
Electrical	$13,000	$4,200	$4,700	$4,200
Mechanical	$44,000	$26,900	$31,700	$20,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$177,000**	**$44,500**	**$85,600**	**$32,200**
Importance Code A	$15,800	$10,700	$8,800	$5,100
Importance Code B	$126,200	$33,800	$76,000	$27,100
Importance Code C	$35,100		$800	
Total	**$177,000**	**$44,500**	**$85,600**	**$32,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$79,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,500	
Window Wall	5%			2052	* *	5	$8,000	
Windows								
Aluminum	95%			2048	* *	5	$11,200	
Metal Louvers	5%			2039	* *	10	$3,700	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$44,600	
Metal Panel	2%			2052	* *	5	$600	
Pre-Cast Concrete	8%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$57,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Over Room 220								
Skylight, Plastic	5%			2039	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,900	
Ceramic Tile	5%			2039	* *	5	$3,900	
Terrazzo	5%			LIFE	* *	5	$6,000	
Vinyl Tile	80%			2031	* *	3	$23,200	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$1,700	
Concrete Masonry Unit	40%			LIFE	* *	5	$18,000	
Glass Block	2%			LIFE	* *	10	$500	
Gypsum Board	30%			LIFE	* *	5-10	$28,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$7,000	
Ceilings								
AcousTileSusp.Lay-In	70%			2039	* *	5	$54,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$7,700	
Gypsum Board	20%			LIFE	* *	5-10	$53,200	
Metal Panel	5%			LIFE	* *	5	$9,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Contact Disconnect Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe, Point Of Contact Not Visible - Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$15,900	
Generators								
Diesel	100%			2035	* *	1	$20,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Diesel Generator Rated At 230 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$11,500	
Fuel Storage								
Day Tank	50%			2042	* *	5	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Rating Capacity								
Main Tank	50%			2054	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$42,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2031	* *	10	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : Cfl Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$51,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$3,800	
Terminal Devices								
Air Handler	75%			2031	* *	1	$24,000	
Convector/Radiator	25%	Now	$2,400	2039	* *	1	$3,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Pipe Connection, Rooms # 106, 112, 127, 129								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2031	* *	1	$19,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - Q

Asset # : 13467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	80%			2046	* *	4	$3,100	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2031	* *	1	$25,600	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2031	* *	2	$28,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,700	
Exhaust Fans								
Interior	70%			2031	* *	2	$1,100	
Roof	30%			2031	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$12,000	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-2								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$26,100	
Sprinkler								
Generic	100%			2046	* *	1-2	$14,500	
Fire Pump								
Generic	100%			2035	* *	1	$9,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 29 - BK**		
Address	**: 425 HENRY STREET @BALTIC STREET**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K029**
Program / Asset #	**: BOE0363.000 / 343**	**Yr Built/Renovated**	**: 1921 / 2005**
Area Sq Ft	**: 78,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 02-Feb-2012**	**Landmark Status**	**: HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 311** **Lot : 1**	**BIN**	**: 3255627**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$275,100	$184,900
Interior Architecture	$989,800	$275,600
Electrical	$1,338,800	$322,800
Mechanical		$316,200
Total	**$2,603,600**	**$1,099,500**
Importance Code A	$275,100	$225,400
Importance Code B	$2,068,300	$874,200
Importance Code C	$260,200	
Total	**$2,603,600**	**$1,099,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$85,500	$1,100		$23,800
Interior Architecture	$118,900			$12,000
Electrical	$2,100	$64,200	$1,500	$1,300
Mechanical	$13,800	$11,000	$18,000	$11,900
Total	**$220,400**	**$76,300**	**$19,500**	**$49,000**
Importance Code A	$93,500	$9,200	$7,900	$31,800
Importance Code B	$104,300	$67,100	$11,600	$17,200
Importance Code C	$22,500			
Total	**$220,400**	**$76,300**	**$19,500**	**$49,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$66,300	LIFE	* *	5	$58,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%	0-2	$208,800	LIFE	* *	5	$126,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$5,600	
Stucco Cement	5%	0-2	$23,600	2036	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%			2045	* *	5	$40,000	
Glass Block	5%			LIFE	* *	5	$1,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	45%	0-2	$15,500	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2043	* *	5	$2,100	
Stucco Cement	45%	Now	$27,700	2036	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%	Now	$18,800	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *			
Metal Panel	5%			2040	* *	10	$3,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,100	
Ceramic Tile	5%			2032	* *	5	$6,000	
Quarry Tile	5%	Now	$18,900	2036	* *	5	$4,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$30,500	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2023	$223,100	3	$12,000	
Vinyl Tile	60%	2-4	$669,200	2033	* *	3	$27,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	5%	Now	$22,500	2032	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	0-2	$63,700	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	0-2	$196,600	LIFE	* *	5	$33,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$30,500	2028	* *	5	$15,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%	Now	$10,600	LIFE	* *	5	$900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	70%	Now	$60,300	LIFE	* *	5	$52,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout , Auditorium. 2nd, 5th Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$20,200	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$20,200	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$160,200	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2023	$121,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$14,700	5	$200	
Molded Case Bkrs	20%			2039	* *	5	$400	
Molded Case Bkrs	70%			2022	$102,900	5	$1,400	
Wiring								
Braided Cloth	90%	0-2	$170,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	70%			2021	$57,800	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	65%			2028	* *	10	$47,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	30%			2018	$292,100	10	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$21,000	10	$100	
Incandescent	2%			2018	$19,500	2		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2018	$59,100	10	$9,700	
Exit, Service	50%			2018	$11,800	1		
Exterior Lighting								
HID	100%			2018	$321,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$264,800	1-3	$14,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 8,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,900	
Terminal Devices								
Air Handler	20%			2023	$94,500	1	$9,900	
Convector/Radiator	80%			2028	* *	1	$20,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$144,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,700	
Exhaust Fans								
Interior	80%			2023	$77,500	2	$2,000	
Roof	20%			2023	$13,900	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$20,400	2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BK

Asset # : 343

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 29 - Q**		
Address	: **125-10 23 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q029**
Program / Asset #	: **BOE0690.000 / 2261**	**Yr Built/Renovated**	: **1928 / 2012**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4229** **Lot** : **14**	**BIN**	: **4099925**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$316,400	$89,200
Interior Architecture	$257,100	
Electrical	$175,100	$205,300
Mechanical		$56,000
Total	**$748,600**	**$350,600**
Importance Code A	$316,400	$89,200
Importance Code B	$432,200	$261,400
Total	**$748,600**	**$350,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,900			
Interior Architecture	$22,100	$17,400	$3,500	$30,600
Electrical	$900	$1,500	$1,400	$21,200
Mechanical	$22,500	$15,400	$22,900	$52,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$96,300**	**$42,200**	**$35,600**	**$112,600**
Importance Code A	$49,700	$6,800	$6,800	$6,800
Importance Code B	$46,600	$35,400	$27,100	$105,800
Importance Code C			$1,800	
Total	**$96,300**	**$42,200**	**$35,600**	**$112,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$31,200	
Masonry: Brick	38%			LIFE	* *	5	$30,300	
Masonry: Brick Cavity	20%			LIFE	* *	5	$16,000	
Masonry: Brick Cavity	30%			LIFE	* *	5	$23,900	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2012 Addition*								
Masonry: Granite	2%			LIFE	* *	5	$1,200	
Masonry: Marble	2%			LIFE	* *	5	$1,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,800	
Windows								
Aluminum	20%	Now	$23,600	2041	* *	5	$2,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% *Location : 1988 Addition*								
Aluminum	30%			2047	* *	5	$8,500	
Glass Block	5%			LIFE	* *	5	$900	
Wood	10%			2041	* *	5	$28,200	
Wood	35%	Now	$276,800	2050	* *	5	$49,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50% *Location : 1928 Wing* *Thermally Inefficient, Extent : Moderate, Area Affected : 100%* *Location : 1928 Wing* *Split/Cracked, Extent : Moderate, Area Affected : 50%* *Location : 1928 Wing*								
Parapets								
Masonry: Brick	42%			LIFE	* *	5	$5,000	
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,400	
Masonry: Brick Cavity	30%			LIFE	* *	5	$3,600	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2012 Addition*								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	60%			2030	* *	10	$39,600	
Built-Up (BUR)	5%	Now	$15,100	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25% *Location : Over Exit 5 At First Floor* *Water Penetration, Extent : Moderate, Area Affected : 15%* *Location : Over Exit 5 At First Floor*								
Built-Up (BUR)	30%			2033	* *	10	$19,800	
Copper/Terne	5%			2053	* *	10	$8,200	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,500	
Ceramic Tile	3%			2034	* *	5	$3,500	
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	20%			2030	* *	3	$8,800	
Vinyl Tile	25%			2033	* *	3	$10,900	
Vinyl Tile 9" X 9"	20%			2020	$257,100	3	$11,700	
Wood	20%			2040	* *	5	$43,800	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,700	
Folding Partition	5%			2041	* *	5	$14,700	
Gypsum Board	25%			LIFE	* *	5	$17,600	
Marble Panels	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$15,900	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2038	* *	5	$21,700	
AcousTileSusp.Lay-In	10%			2030	* *	5	$11,600	
AcousTileSusp.Lay-In	20%			2042	* *	5	$23,200	
Exposed Concrete	15%			LIFE	* *	5	$2,700	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$21,700	
Plaster	5%	Now	$7,600	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit 5 On First Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exit 5 On First Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	10%			2025	$14,700	5		
Fused Disc Sw	90%			2051	* *	5	$300	
Raceway								
Conduit	60%			2025	$74,300	1		
Conduit	30%			2035	* *	1		
Conduit	10%			2045	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	50%			2024	$67,300	5	$1,000	
Molded Case Bkrs	30%			2033	* *	5	$600	
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2045	* *	1		
Motor Controllers								
Locally Mounted	35%			2038	* *	5	$200	
Locally Mounted	65%			2023	$49,100	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	99%			2030	* *	10	$70,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2020	$6,200	10		
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$7,500	
Exit, Service	30%			2030	* *	1		
Exit, Service	30%			2020	$6,300	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2051	* *	1		
Interruptible Gas/Dual Fuel	75%			2045	* *	1		
Conversion Equipment								
Furnace	25%			2033	* *	1	$9,600	
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 4 Roof Top Package Units								
Steam Boiler	75%			2038	* *	1	$57,900	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	75%			2035	* *	4	$2,900	
No Component	25%							
Terminal Devices								
Air Handler	15%			2030	* *	1	$7,200	
Convector/Radiator	45%			2030	* *	1	$11,300	
Convector/Radiator	10%			2042	* *	1	$2,500	
Unit Heater-Stm/HW	5%			2025	$25,200	4	$500	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	65%			2033	* *	1		
Electricity	35%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2033	* *	2	$1,700	
Other Observation, Extent : Light, Area Affected : 35%								
Location : New Wing Roof								
Explanation : 4 Package Units Using 410-a Refrigerant								
Window/Wall Unit	10%			2020	$16,000	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2-5	$28,300	
Ductwork/Diffusers	35%			LIFE	* *	2-5	$15,200	
Exhaust Fans								
Interior	65%			2025	$56,000	2	$1,600	
Roof	35%			2033	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	65%			2035	* *	1		
Brass/Copper	35%			2051	* *	1		
Water Heater								
Gas Fired	100%			2020	$18,100	2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - Q

Asset # : 2261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	65%			LIFE	* *	1		
Cast Iron	35%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	65%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	35%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Sewage Ejector(s)								
Electric	65%			2030	* *	4	$1,600	
Electric	35%			2033	* *	4	$900	
Backflow Preventer								
Generic	100%			2033	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	65%							
Generic	35%			2051	* *	1-5	$13,800	
Sprinkler								
No Component	65%							
Generic	35%			2051	* *	1-2	$7,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 29 - SI**
Address : **1581 VICTORY BLVD @ SLOSSON AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R029**
Program / Asset # : **BOE0919.000 / 1452**
Yr Built/Renovated : **1922 / 2014**
Area Sq Ft : **62,000**
Project Type : **EDUCATION**
Date of Survey : **06-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **331** **Lot** : **1**
BIN : **5009028**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$690,900	$91,100
Interior Architecture	$487,300	$38,800
Electrical	$527,700	$507,800
Mechanical	$91,800	$173,700
Total	**$1,797,600**	**$811,300**
Importance Code A	$690,900	$128,100
Importance Code B	$1,037,700	$683,200
Importance Code C	$69,000	
Total	**$1,797,600**	**$811,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,200	$2,500		
Interior Architecture	$134,100			$18,900
Electrical	$36,800	$900	$1,300	$14,300
Mechanical	$27,800	$3,700	$8,000	$27,500
Total	**$212,900**	**$7,100**	**$9,400**	**$60,700**
Importance Code A	$14,200	$2,500		$100
Importance Code B	$105,700	$4,500	$9,400	$60,500
Importance Code C	$92,900			
Total	**$212,900**	**$7,100**	**$9,400**	**$60,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	4%	Now	$114,700	LIFE	* *	5	$31,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Floor Level Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%	Now	$137,500	LIFE	* *	5	$91,100	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Courtyard Side, 1949 Wing								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Masonry: Limestone	4%			LIFE	* *	5	$3,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	2%			2038	* *	5	$5,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$126,300	2041	* *	5	$15,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%	Now	$14,200	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	88%	Now	$66,100	LIFE	* *	5	$11,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	25%	Now	$99,200	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : 1922 Wing								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : 1922 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 208 And 308								
Metal Panel	5%			2042	* *	10	$4,600	
Modified Bitumen	65%			2035	* *	10	$32,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%	Now	$147,100	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : 2 Throughout								
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$4,200	
Ceramic Tile	3%	2-4	$11,100	2034	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	0-2	$4,400	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	83%	0-2	$336,800	2030	* *	3	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor Corridors And Classrooms								
Explanation : Uneven, Ridged Surfaces								
Wood	10%			2040	* *	5	$17,900	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : 2nd Floor Classrooms Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$32,800	2028	* *	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	5%	2-4	$11,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	3%	2-4	$14,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	72%	Now	$34,300	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Stair(s) 1949 Wing Rooms 208 And 308								
SGFT/Glazed Masonry	15%	2-4	$69,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%	0-2	$13,300	2030	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	2-4	$12,300	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$81,400	LIFE	* *	5	$38,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Special Education, Room 304 And Exit #11								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Special Education And Room 304								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								
Explanation : 2 Electrical Services At 800 Amps Each								
Fused Disc Sw	30%			2025	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$13,500	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2024	$107,600	5	$1,300	
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	30%			2025	$52,200	1		
Motor Controllers								
Locally Mounted	70%			2023	$52,900	5	$300	
Locally Mounted	30%	2-4	$22,700	2045	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	83%			2030	* *	10	$48,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10		
Incandescent	15%			2020	$106,300	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2020	$34,400	10	$6,200	
Emergency, Battery	10%			2033	* *	10	$1,500	
Exit, Service	40%			2020	$6,900	1		
Exit, Service	10%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$234,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$7,000	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$19,800	
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside The Building								
Explanation : 1 Tempoarary Steam Boiler Being Used								
Distribution								
Under Construction	100%							
Terminal Devices								
Air Handler	30%			2025	$103,200	1	$11,800	
Convector/Radiator	70%			2030	* *	1	$14,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$4,600	2020	$91,800	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Multiple Mechanical Defects								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,600	
Exhaust Fans								
Interior	100%	Now	$14,100	2025	$70,500	2	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Fan Room, Defective Lunch Room, Auditorium & House Exhaust Fan Motors, Deteriorated Flex Connection, Defective Drive System Gymnasium Exhaust Fan								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - SI

Asset # : 1452

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$14,800	2	$900	
HW Heat Exchanger								
Low Temp	100%	Now	$2,000	2035	* *	4	$6,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,500	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Lunch Room Area								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 30 - M**		
Address	: **144-176 EAST 128 STREET BTWN: LEXINGTON AVE - THIRD AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M030**
Program / Asset #	: **BOE0017.000 / 2708**	**Yr Built/Renovated**	: **1968 / 2009**
Area Sq Ft	: **136,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1776** **Lot** : **20**	**BIN**	: **1054502**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$195,600	$401,500
Interior Architecture	$1,161,100	$572,200
Electrical	$845,600	$524,600
Mechanical	$230,800	$1,269,700
Total	**$2,433,300**	**$2,768,000**
Importance Code A	$195,600	$401,500
Importance Code B	$2,237,600	$2,330,200
Importance Code C		$36,200
Total	**$2,433,300**	**$2,768,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$41,600		$8,300
Interior Architecture	$45,500	$35,700		$24,900
Electrical	$5,300	$36,100	$4,900	$4,100
Mechanical	$59,800	$20,000	$33,100	$20,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$114,600**	**$137,400**	**$41,900**	**$61,300**
Importance Code A	$13,900	$55,500	$14,200	$22,300
Importance Code B	$96,000	$81,800	$27,700	$39,100
Importance Code C	$4,600			
Total	**$114,600**	**$137,400**	**$41,900**	**$61,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$64,600	
Pre-Cast Concrete	50%	Now	$106,800	LIFE	* *	5	$210,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : South Facade, North Facade								
Windows								
Aluminum	100%			2048	* *	5	$27,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$12,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	5%			2040	* *	5-10	$13,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	50%	Now	$50,800	2028	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout 3rd Floor								
Built-Up (BUR)	25%	Now	$38,100	2023	$126,900			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout 2nd Floor								
Built-Up (BUR)	25%			2028	* *	10	$27,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 4th Floor								
Interior								
Floors								
Ceramic Tile	4%			2038	* *	5	$8,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terrazzo	1%	Now	$9,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2023	$535,900	3	$31,500	
Vinyl Tile	65%	Now	$23,200	2018	$1,161,100	3	$51,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$9,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Plaster	65%			LIFE	* *	5	$36,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2028	* *	5	$63,000	
Embossed Metal	15%			LIFE	* *	5	$14,200	
Exposed Concrete	55%			LIFE	* *	5	$18,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	70%			2023	$173,200	1		
Conduit	20%			2033	* *	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$300	
Molded Case Bkrs	85%			2022	$190,600	5	$3,000	
Molded Case Bkrs	5%			2045	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$400	
Motor Control Center	60%			2036	* *	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	69%			2028	* *	10	$88,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	29%			2031	* *	10	$37,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floor								
Explanation : T-8 Lamps								
HID	1%			2018	$11,200	10		
Incandescent	1%			2018	$15,600	2		
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$4,700	
Exterior Lighting								
HID	100%			2018	$513,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$123,400	1	$15,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$25,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$139,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,600	2023	$980,100	4	$6,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%	Now	$3,800	2023	$189,200	1	$19,500	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Convector/Radiator	75%			2028	* *	1	$34,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$230,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,300	
Exhaust Fans								
Interior	10%			2023	$15,500	2	$400	
Roof	90%	Now	$2,000	2023	$100,400	2	$3,100	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$32,700	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 1st Floor								
Explanation : One Freight Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - M

Asset # : 2708

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 30 - Q**
Address : **126-10 BEDELL STREET @BAISLEY BLVD.**
Borough : **QUEENS**
Agency's Number : **Q030**
Program / Asset # : **BOE0691.000 / 2262**
Yr Built/Renovated : **1964 / 2002**
Area Sq Ft : **82,000**
Project Type : **EDUCATION**
Date of Survey : **22-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12495** **Lot** : **65**
BIN : **4270045**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$387,400	$68,700
Interior Architecture	$538,500	$149,000
Electrical	$178,900	$1,079,900
Mechanical	$60,900	$557,100
Total	**$1,165,600**	**$1,854,700**
Importance Code A	$387,400	$517,700
Importance Code B	$778,300	$1,337,000
Total	**$1,165,600**	**$1,854,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,800	$13,100	$7,500	
Interior Architecture	$4,800	$29,300	$1,600	$1,600
Electrical	$13,200	$3,200	$3,400	$2,800
Mechanical	$49,700	$24,800	$18,800	$12,500
Total	**$76,500**	**$70,400**	**$31,300**	**$16,900**
Importance Code A	$17,200	$21,600	$15,900	$8,400
Importance Code B	$59,300	$48,800	$15,400	$8,500
Importance Code C				
Total	**$76,500**	**$70,400**	**$31,300**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%	Now	$207,300	LIFE	* *	5	$68,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Window Wall	2%			2043	* *	5	$5,300	
Windows								
Aluminum	95%			2039	* *	5	$15,000	
Steel	5%	Now	$41,100	2048	* *	5	$4,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Parapets								
Masonry: Brick	45%	Now	$59,600	LIFE	* *	5	$5,200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Interior Face								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Interior Face								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior Face								
Explanation : Stucco On Brick								
Masonry: Brick	50%			LIFE	* *	5	$5,700	
Metal Panel	5%	Now	$8,800	2043	* *	5	$1,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2028	* *	10	$79,300	
Copper/Terne	5%			2038	* *	10	$10,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2032	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2023	$107,700	3	$6,300	
Vinyl Tile	10%			2028	* *	3	$4,700	
Vinyl Tile	50%			2018	$538,500	3	$23,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%			2051	* *	5	$23,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$6,700	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$18,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$19,000	
AcousTileConcealSpLn	15%			2028	* *	5	$23,700	
Exposed Concrete	50%			LIFE	* *	5	$9,900	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$41,300			
Plaster	10%			LIFE	* *	5	$7,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Fused Disc Sw	5%			2031	* *	5	$100	
Molded Case Bkrs	5%			2031	* *	5	$100	
Molded Case Bkrs	75%			2022	$134,500	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$37,800	5	$300	
Locally Mounted	50%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Corroded								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$76,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023	$13,500	10	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$57,100	10	$10,200	
Exit, Service	50%			2023	$11,400	1		
Exterior Lighting								
HID	100%			2023	$309,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$26,200	
Conversion Equipment								
Steam Boiler	100%			2021	$412,000	1	$83,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,500	2033	* *	4	$4,200	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Vacuum Condensate Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various								
Terminal Devices								
Air Handler	20%			2023	$91,300	1	$10,500	
Convector/Radiator	80%			2028	* *	1	$21,900	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - Q

Asset # : 2262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2018	$60,900	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	20%			2023	$18,700	2	$500	
Roof	80%			2023	$53,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	* *	1		
Galv Iron/Steel	30%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,600	
Sanitary Piping								
Cast Iron	100%	Now	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 30 - SI**
Address : **FISKE & LEONARD AVENUES**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0920.000 / 1453**
Area Sq Ft : **80,000**
Date of Survey : **06-Dec-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **423** **Lot** : **9**

Agency's Number : **R030**
Yr Built/Renovated : **1904 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5113069**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$301,600	$214,700
Interior Architecture	$566,700	$456,400
Electrical	$1,413,500	$468,100
Mechanical	$246,300	$637,500
Total	**$2,528,100**	**$1,776,800**
Importance Code A	$301,600	$251,700
Importance Code B	$2,128,100	$1,488,300
Importance Code C	$98,400	$36,800
Total	**$2,528,100**	**$1,776,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,900			
Interior Architecture	$53,900	$1,800		$7,700
Electrical	$2,300	$22,400	$1,500	$1,300
Mechanical	$13,900	$37,500	$15,900	$11,800
Total	**$123,000**	**$61,700**	**$17,300**	**$20,800**
Importance Code A	$61,100	$8,300	$8,100	$8,100
Importance Code B	$31,300	$53,400	$9,200	$12,700
Importance Code C	$30,600			
Total	**$123,000**	**$61,700**	**$17,300**	**$20,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$8,100	LIFE	* *	5	$36,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,300	
Masonry: Brick	30%	Now	$130,400	LIFE	* *	5	$43,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	55%			LIFE	* *	5	$79,200	
Masonry: Limestone	5%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%	Now	$34,800	2039	* *	5	$20,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$8,500	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	90%	Now	$69,800	LIFE	* *	5	$12,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%	Now	$63,500	2028	* *			1
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Modified Bitumen	5%	Now	$1,500	2028	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Skylight, Metal/Glass	5%	Now	$38,000	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$12,800	LIFE	* *	5	$26,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	3%			2038	* *	5	$3,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$4,800	2026	$47,700	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	Now	$5,700	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	20%	Now	$209,400	2033	* *	3	$9,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	30%	Now	$15,700	2023	$314,200	3	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 12x12 Tiles								
Wood	30%	4+	$121,900	2038	* *	5	$34,600	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Gypsum Board	5%			LIFE	* *	5	$4,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$30,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$98,400	LIFE	* *	5	$36,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement And Stairs 3, 4, 5, 6 Thru To Bulkhead, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement And Stairs 3, 4, 5, 6 Thru To Bulkhead,Throughout								
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$4,800	
Plaster	75%	Now	$121,200	LIFE	* *	5	$57,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2023	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$132,000	5	$300	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	80%			2022	$107,600	5	$1,700	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	20%			2023	$34,800	1		
Motor Controllers								
Locally Mounted	60%			2021	$45,300	5	$300	
Locally Mounted	30%			2036	* *	5	$200	
Motor Control Center	10%			2021	$29,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	67%			2018	$612,400	10	$50,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	30%			2028	* *	10	$22,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	3%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$55,500	10	$9,900	
Exit, LED	5%			2051	* *	1		
Exit, Service	45%			2018	$10,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$302,100	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$248,600	1-3	$14,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 6,000 Gal. Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$81,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,100	
Terminal Devices								
Air Handler	25%			2018	$110,900	1	$12,700	
Convector/Radiator	75%			2021	$583,000	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$135,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$22,900	
No Component	50%							
Exhaust Fans								
Interior	60%			2023	$54,600	2	$1,500	
Roof	10%			2018	$6,500	2	$300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$19,100	2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - SI

Asset # : 1453

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 31 - BK (OL126)**		
Address	: **75 MESEROLE AVENUE @ LORIMER ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K031**
Program / Asset #	: **BOE0364.000 / 344**	**Yr Built/Renovated**	: **1900 / 2010**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2595** **Lot** : **1**	**BIN**	: **3065299**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$105,400	$228,100
Interior Architecture	$217,700	$390,900
Electrical	$574,200	$1,110,300
Mechanical	$35,900	$130,900
Total	**$933,400**	**$1,860,200**
Importance Code A	$105,400	$228,100
Importance Code B	$777,100	$1,593,000
Importance Code C	$50,800	$39,100
Total	**$933,400**	**$1,860,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$14,300	
Interior Architecture	$29,400	$6,100	$8,600	$4,900
Electrical	$11,600	$1,900	$2,800	$2,200
Mechanical	$32,500	$14,000	$13,000	$11,800
Total	**$73,500**	**$21,900**	**$38,700**	**$19,000**
Importance Code A	$8,700	$8,700	$23,200	$8,700
Importance Code B	$64,900	$13,300	$15,600	$10,300
Importance Code C				
Total	**$73,500**	**$21,900**	**$38,700**	**$19,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,800	
Masonry: Brick	85%			LIFE	* *	5	$130,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Metal Panel	5%			2034	* *	5-10	$52,600	
Windows								
Aluminum	100%			2046	* *	5	$44,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$2,900	
Masonry: Brick	75%	Now	$61,800	LIFE	* *	5	$10,700	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$43,700	
Copper/Terne	20%			2052	* *	10	$27,300	
Interior								
Floors								
Ceramic Tile	3%			2033	* *	5	$3,900	
Terrazzo	2%			LIFE	* *	5	$2,000	
Vinyl Tile	5%			2029	* *	3	$3,300	
Vinyl Tile	15%			2019	$166,900	3	$7,400	
Vinyl Tile	25%			2024	$278,200	3	$12,300	
Vinyl Tile	25%			2029	* *	3	$16,400	
Wood	20%			2027	* *	5	$49,100	
Wood	5%			2059	* *	5	$12,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Glass: Single Pane	3%			LIFE	* *	5	$3,700	
Gypsum Board	2%			LIFE	* *	5	$2,000	
Masonry: Brick	8%	Now	$50,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Chimney Stack								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Chimney Stack								
Metal Panel	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$39,100	
Wood	2%			LIFE	* *	5	$13,000	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,000	
Plaster	90%			LIFE	* *	5	$73,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$400	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	95%			2032	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main / Locker Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$971,200	10	$80,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$59,000	10	$10,600	
Exit, Service	50%			2024	$11,800	1		
Exterior Lighting								
HID	100%			2019	$321,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$77,200	1	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	0-2	$176,100	2034	* *	1-3	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - BK (OL126)

Asset # : 344

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$86,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,500	
Terminal Devices								
Convector/Radiator	90%			2029	* *	1	$25,400	
Fan Coil Unit/Heat	10%			2024	$130,900	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$35,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$9,700	
No Component	80%							
Exhaust Fans								
Interior	20%	Now	$19,300	2034	* *	2	$400	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Old Unit, Basement								
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$20,300	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$30,600	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 31 - BK (OL126)
Asset # : 344

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 31 - Q**		
Address	: **211-45 46 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q031**
Program / Asset #	: **BOE0692.000 / 2651**	**Yr Built/Renovated**	: **1940 / 2008**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,atc**		
Block	: **7316** **Lot** : **18**	**BIN**	: **4156949**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$90,700	$53,900
Interior Architecture	$297,700	$38,000
Electrical	$491,300	$952,100
Mechanical		$637,300
Total	**$879,600**	**$1,681,400**
Importance Code A	$90,700	$53,900
Importance Code B	$788,900	$1,627,500
Total	**$879,600**	**$1,681,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,700	$25,400	$10,000	
Interior Architecture	$2,200	$19,100	$2,700	
Electrical	$1,700	$2,200	$2,200	$1,600
Mechanical	$11,500	$37,100	$14,600	$9,200
Total	**$45,100**	**$83,800**	**$29,600**	**$10,800**
Importance Code A	$35,400	$31,300	$15,800	$5,800
Importance Code B	$9,600	$52,400	$13,800	$5,000
Importance Code C				
Total	**$45,100**	**$83,800**	**$29,600**	**$10,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$53,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Metal Panel	5%			2033	* *	5-10	$20,600	
Windows								
Aluminum	95%			2039	* *	5	$20,100	
Wood	5%	Now	$29,700	2048	* *	5	$5,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,100	
Roof								
Built-Up (BUR)	40%			2018	$90,700	10	$19,800	
Built-Up (BUR)	5%			2031	* *	10	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Room105								
Slate	55%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$28,700	
Ceramic Tile	5%			2032	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$3,400	
Vinyl Tile	25%			2028	* *	3	$8,200	
Vinyl Tile	40%			2018	$297,700	3	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%			2038	* *	5	$16,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,800	
Gypsum Board	10%			LIFE	* *	5	$5,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$11,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$8,700	
AcousTileSusp.Lay-In	5%			2028	* *	5	$4,300	
Exposed Concrete	15%			LIFE	* *	5	$2,000	
Plaster	70%			LIFE	* *	5	$38,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$200	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$10,500	5	$100	
Molded Case Bkrs	85%			2039	* *	5	$1,300	
Molded Case Bkrs	5%			2022	$5,200	5	$100	
Wiring								
Braided Cloth	25%	2-4	$43,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	75%			2043	* *	1		
Motor Controllers								
Locally Mounted	5%			2028	* *	5		
Locally Mounted	15%			2021	$6,800	5	$100	
Locally Mounted	80%	2-4	$36,300	2043	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$630,000	10	$52,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	3%			2023	$19,500	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2031	* *	10	$5,600	
Exit, Service	60%			2031	* *	1		
Exterior Lighting								
Incandescent	100%			2018	$182,700	2	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$51,700	1	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$177,100	1-3	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$18,100	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2023	$408,300	4	$2,900	
Terminal Devices								
Air Handler	30%			2023	$94,600	1	$10,900	
Convector/Radiator	70%			2028	* *	1	$13,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	2%			2023	$5,400	2	$100	
Window/Wall Unit	5%			2018	$6,000	1		
No Component	93%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,600	
Exhaust Fans								
Interior	100%			2023	$64,600	2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - Q

Asset # : 2651

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2033	* *	1		
Galv Iron/Steel	40%			2021	$69,900	1		
Water Heater								
Gas Fired	100%			2018	$13,600	2	$900	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$20,500	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 31 - SI**
Address : **55 LAYTON AVENUE @ BISMARK AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R031**
Program / Asset # : **BOE0921.000 / 1426**
Yr Built/Renovated : **1965 / 2004**
Area Sq Ft : **77,000**
Project Type : **EDUCATION**
Date of Survey : **16-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **49** **Lot** : **182** **BIN** : **5001150**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$769,500
Interior Architecture	$794,500	$136,800
Electrical	$1,620,000	$366,800
Mechanical	$538,700	$129,900
Total	**$2,953,200**	**$1,403,000**
Importance Code A	$386,900	$806,500
Importance Code B	$2,566,300	$596,500
Total	**$2,953,200**	**$1,403,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,000			$7,400
Interior Architecture	$6,100	$1,500	$16,300	
Electrical	$1,600	$2,200	$22,700	$1,400
Mechanical	$33,400	$12,300	$31,400	$12,300
Total	**$69,200**	**$16,000**	**$70,300**	**$21,100**
Importance Code A	$28,000	$7,900	$8,000	$15,300
Importance Code B	$36,800	$8,100	$62,300	$5,900
Importance Code C	$4,400			
Total	**$69,200**	**$16,000**	**$70,300**	**$21,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$65,800	
Windows								
Aluminum	100%			2040	* *	5	$14,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	0-2	$28,000	LIFE	* *	5	$9,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Roof								
IRMA/Protected Membrane	100%			2024	$625,200	10	$78,400	
Gravel/Stone Ballast, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,000	
Ceramic Tile	3%			2027	* *	5	$3,600	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	10%			2024	$101,100	3	$4,500	
Vinyl Tile	72%			2019	$728,200	3	$32,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Size Tiles								
Wood	5%			2039	* *	5	$11,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	0-2	$4,400	2027	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Plaster	52%			LIFE	* *	5	$16,400	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	60%	0-2	$66,300	2029	* *	5	$35,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$29,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,600	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$706,200	10	$58,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2024	$19,000	10	$100	
Incandescent	17%			2019	$150,100	2	$300	
Egress Lighting								
Emergency, Battery	50%			2019	$53,600	10	$9,600	
Exit, Service	50%			2019	$10,700	1		
Exterior Lighting								
HID	100%			2019	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$239,300	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$24,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 7,500 Gal. Tanks								
Conversion Equipment								
Steam Boiler	100%	2-4	$386,900	2044	* *	1	$70,800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$111,000	2044	* *	4	$3,900	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2024	$85,700	1	$9,800	
Convector/Radiator	80%			2029	* *	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$40,800	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,300	
Exhaust Fans								
Interior	30%			2024	$26,400	2	$700	
Roof	70%			2024	$44,200	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	0-2	$18,500	2024	$18,500	2	$900	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 31 - SI

Asset # : 1426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
Chemical System								
Dry	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 32 - BK**		
Address	**: 317 HOYT STREET @UNION ST.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K032**
Program / Asset #	**: BOE0365.000 / 345**	**Yr Built/Renovated**	**: 1951 / 2011**
Area Sq Ft	**: 72,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 27-Apr-2012**	**Landmark Status**	**: HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 437 Lot : 1**	**BIN**	**: 3007326**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$105,200	$744,400
Interior Architecture	$1,143,600	$284,800
Electrical	$820,000	$922,100
Mechanical	$165,900	$158,600
Total	**$2,234,700**	**$2,109,900**
Importance Code A	$105,200	$744,400
Importance Code B	$1,958,100	$1,197,700
Importance Code C	$171,400	$167,800
Total	**$2,234,700**	**$2,109,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,000		$12,500	
Interior Architecture	$65,700	$16,200		
Electrical	$9,900	$1,900	$1,400	$1,900
Mechanical	$94,700	$21,900	$17,100	$10,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$208,300**	**$43,900**	**$34,900**	**$16,300**
Importance Code A	$41,300	$7,500	$19,800	$7,300
Importance Code B	$159,300	$36,500	$15,100	$9,000
Importance Code C	$7,700			
Total	**$208,300**	**$43,900**	**$34,900**	**$16,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$15,800	
Masonry: Brick	95%	Now	$105,200	LIFE	* *	5	$63,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$25,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$13,500	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
IRMA/Protected Membrane	100%	Now	$34,000	2023	$680,500			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$12,600	LIFE	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ceramic Tile	5%	Now	$11,700	2026	$117,000	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Toilet Rooms								
Terrazzo	5%	Now	$14,000	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby								
Vinyl Tile	80%			2018	$821,500	3	$33,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Size Tiles								
Wood	5%			2038	* *	5	$10,400	
Interior Walls								
Cast in Place Concrete	5%	Now	$7,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2026	$167,800	5	$5,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%	Now	$53,700	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$117,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$44,600	2028	* *	5	$11,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	55%	Now	$106,100	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	25%	Now	$19,700	LIFE	* *	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	30%			2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 200 Amps Main Disconnect Switch From Solar Panel System								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	80%			2023	$108,200	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$14,700	5	$200	
Fused Knife Sw	5%	2-4	$7,300	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	65%			2022	$95,500	5	$1,200	
Molded Case Bkrs	20%			2048	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	0-2	$114,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$57,000	1		
Thermoplastic	10%			2053	* *	1		
Motor Controllers								
Locally Mounted	10%			2040	* *	5		
Locally Mounted	30%			2021	$24,800	5	$100	
Locally Mounted	60%	2-4	$49,500	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan & Boiler Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	66%			2018	$591,500	10	$44,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	30%			2028	* *	10	$20,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	2%			2033	* *	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	2%			2023	$12,900	10		
Egress Lighting								
Emergency, Battery	50%			2023	$54,400	10	$8,900	
Exit, Service	50%			2023	$10,900	1		
Exterior Lighting								
HID	100%			2023	$297,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2023	$285,100	1-3	$16,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$73,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (3) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$28,200	2033	* *	4	$3,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Condensate Pumps Have Been Refurbished								
Terminal Devices								
Air Handler	18%			2023	$78,300	1	$8,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, First And Second Floors								
Air Handler	2%	0-2	$8,700	2033	* *	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Defective F & T Steam Traps On Blowers								
Convector/Radiator	80%			2028	* *	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Electrical Main Recently Upgraded								
Conversion Equipment								
Window/Wall Unit	100%			2018	$165,900	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$34,800	LIFE	* *	2-5	$41,200	
Exhaust Fans								
Interior	90%			2023	$80,300	2	$2,000	
Roof	10%			2023	$6,400	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$18,800	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Installed 5 Years Ago								

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DEPARTMENT OF EDUCATION - 040

P. S. 32 - BK

Asset # : 345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$11,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$7,300	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Freight Elevator Goes From Basement To Street Level								
Explanation : Unit Is Inoperable								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2033	* *	1-2	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 32 - Q**		
Address	: **171-11 35 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q032**
Program / Asset #	: **BOE0693.000 / 2804**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5256** **Lot** : **1**	**BIN**	: **4118954**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$449,500
Interior Architecture	$278,800	$226,900
Electrical	$139,100	$1,399,800
Mechanical	$256,200	$122,400
Total	**$674,200**	**$2,198,500**
Importance Code A		$486,500
Importance Code B	$674,200	$1,712,000
Total	**$674,200**	**$2,198,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,100	$17,300	
Interior Architecture	$8,900	$17,800	$4,100	$2,700
Electrical	$43,900	$22,600	$4,000	$3,300
Mechanical	$39,600	$33,300	$16,200	$10,100
Total	**$92,400**	**$80,700**	**$41,600**	**$16,100**
Importance Code A	$7,200	$14,500	$24,500	$7,200
Importance Code B	$81,800	$66,200	$17,100	$8,900
Importance Code C	$3,400			
Total	**$92,400**	**$80,700**	**$41,600**	**$16,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,300	
Masonry: Brick	83%			LIFE	* *	5	$96,300	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : Throughout*								
Masonry: Brick	5%			LIFE	* *	5	$5,800	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Bulkheads At 1925 Wing*								
Masonry: Granite	5%			LIFE	* *	5	$4,300	
Masonry: Marble	2%			LIFE	* *	5	$1,700	
Windows								
Aluminum	100%			2039	* *	5	$34,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$6,000	
Masonry: Brick	50%			LIFE	* *	5	$7,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1925 Wing*								
Metal Security Bars	3%			2038	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$4,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%			2023	$248,000	10	$54,200	
Copper/Terne	5%			2038	* *	10	$7,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,900	
Ceramic Tile	5%			2032	* *	5	$5,500	
Marble Panels	5%			LIFE	* *	5	$4,100	
Vinyl Tile	30%			2018	$278,800	3	$12,300	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout* *Explanation : 9x9 Tiles*								
Vinyl Tile	20%			2023	$185,900	3	$10,900	
Vinyl Tile	30%			2028	* *	3	$12,300	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,800	
Concrete Masonry Unit	25%			LIFE	* *	5	$13,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$18,400	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$27,300	
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$41,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	30%			2022	$40,400	5	$500	
Molded Case Bkrs	65%			2022	$87,400	5	$1,200	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	80%	0-2	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2023	$26,100	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$37,800	5	$200	
Locally Mounted	40%	2-4	$30,200	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	10%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	3%			2028	* *	10	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	94%			2023	$762,600	10	$63,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2023	$11,700	10		
Incandescent	1%			2018	$8,100	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$8,800	
Exit, Service	50%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	50%							
Generic	50%			2023	$107,400	1	$13,300	
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2031	* *	1-3	$21,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$22,600	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$72,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,500	2033	* *	4	$3,600	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Returns And Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$78,800	1	$9,000	
Convector/Radiator	60%			2028	* *	1	$14,200	
Fan Coil Unit/Heat	20%			2018	$218,700	1	$4,700	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$37,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - Q

Asset # : 2804

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2023	$32,300	2	$900	
Roof	10%			2023	$5,800	2	$200	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Most Of The Roof Exhaust Fans Are Removed								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$43,600	1		
Water Heater								
Gas Fired	100%			2021	$17,000	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$25,600	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 32 - SI**
Address : **32 ELVERTON AVENUE @BARLOW AVE.**
Borough : **STATEN ISLAND** | **Agency's Number** : **R032**
Program / Asset # : **BOE0922.000 / 1427** | **Yr Built/Renovated** : **1968 /**
Area Sq Ft : **83,000** | **Project Type** : **EDUCATION**
Date of Survey : **31-Jan-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5444** **Lot** : **12** | **BIN** : **5070651**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$120,300
Interior Architecture	$219,600	$894,000
Electrical	$676,600	$990,500
Mechanical	$44,000	$171,100
Total	**$940,200**	**$2,175,900**
Importance Code A		$157,300
Importance Code B	$766,000	$2,018,600
Importance Code C	$174,200	
Total	**$940,200**	**$2,175,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,900		$24,600	$8,000
Interior Architecture	$44,400	$13,100	$16,000	
Electrical	$2,700	$3,400	$15,000	$2,800
Mechanical	$25,200	$15,300	$50,700	$17,400
Total	**$124,100**	**$31,800**	**$106,400**	**$28,200**
Importance Code A	$72,700	$8,500	$33,300	$16,500
Importance Code B	$19,300	$23,400	$73,100	$11,700
Importance Code C	$32,100			
Total	**$124,100**	**$31,800**	**$106,400**	**$28,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$10,000	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$60,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout - 2010								
Pre-Cast Concrete	10%	Now	$23,500	LIFE	* *	5	$23,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Throughout, Lintels								
Windows								
Aluminum	100%			2040	* *	5	$15,900	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$59,900	
Copper/Terne	50%			2044	* *	5	$28,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$18,400	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2039	* *	10	$10,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,000	
Ceramic Tile	3%	Now	$7,500	2033	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Toilets								
Quarry Tile	5%			2037	* *	5	$9,600	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	82%			2024	$894,000	3	$39,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$9,400	2033	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Toilets								
Fiberglass Panel	5%			LIFE	* *			
Folding Partition	12%	Now	$108,300	2032	* *	5	$17,000	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Plaster	50%	0-2	$22,800	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$65,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$32,000	
Exposed Concrete	55%	4+	$45,300	LIFE	* *	5	$11,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Gypsum Board	20%			LIFE	* *	5	$32,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	20%			2023	$35,900	5	$400	
Molded Case Bkrs	60%			2023	$107,600	5	$1,300	
Molded Case Bkrs	20%			2040	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$51,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	65%	2-4	$49,100	2044	* *	5	$200	
Aged Component, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Locally Mounted	35%			2022	$26,400	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$74,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	5%			2019	$47,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$21,100	1		
Exit, Service	50%			2019	$11,600	1		
Exterior Lighting								
HID	100%			2024	$313,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$75,300	1	$9,300	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$300,900	1-3	$17,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$26,500	
Conversion Equipment								
Steam Boiler	100%	Now	$20,900	2029	* *	1	$76,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler# 1								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - SI

Asset # : 1427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$92,400	1	$10,600	
Convector/Radiator	80%			2029	* *	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$44,000	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	
Exhaust Fans								
Interior	40%			2024	$37,900	2	$1,100	
Roof	60%			2024	$40,900	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$19,900	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2024	$26,600	4	$8,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 33 - M**
Address : **281 9TH AVENUE @W. 26 STREET**
Borough : **MANHATTAN**
Agency's Number : **M033**
Program / Asset # : **BOE0018.000 / 1688**
Yr Built/Renovated : **1951 / 2008**
Area Sq Ft : **83,000**
Project Type : **EDUCATION**
Date of Survey : **10-Dec-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **724** **Lot** : **23**
BIN : **1012829**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,215,400	$117,400
Interior Architecture	$668,900	$1,121,200
Electrical	$1,472,100	$269,100
Mechanical	$136,500	$315,500
Total	**$3,493,000**	**$1,823,200**
Importance Code A	$1,215,400	$117,400
Importance Code B	$2,277,600	$1,705,900
Total	**$3,493,000**	**$1,823,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,900			
Interior Architecture	$36,700	$15,100	$15,100	
Electrical	$2,200	$2,300	$64,100	$2,500
Mechanical	$22,500	$13,100	$18,700	$15,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$69,300**	**$34,500**	**$101,900**	**$21,600**
Importance Code A	$12,100	$8,200	$8,200	$8,400
Importance Code B	$51,700	$26,300	$93,600	$13,200
Importance Code C	$5,400			
Total	**$69,300**	**$34,500**	**$101,900**	**$21,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$29,000	
Masonry: Brick	95%	0-2	$708,200	LIFE	* *	5	$117,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout All Facades								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Windows								
Aluminum	90%	Now	$422,500	2040	* *	5	$16,800	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$2,300	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$17,700	
Masonry: Brick	85%			LIFE	* *	5	$14,600	
Metal: Cage/Fence	5%			2037	* *	5-10	$6,600	
Roof								
IRMA/Protected Membrane	95%			2029	* *	10	$80,500	
IRMA/Protected Membrane	5%			2029	* *	10	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Explanation : Play Area								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	5%	0-2	$31,300	2033	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms Throughout								
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	75%			2024	$1,028,300	3	$45,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Explanation : 9 inch X 9 inch Tiles								
Wood	10%			2039	* *	5	$30,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Plaster	5%	Now	$5,400	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A								
Plaster	60%			LIFE	* *	5	$24,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$130,400	2044	* *	5	$8,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium, First Floor Corridor								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Cafeteria, Gymnasium, First Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout Cafeteria, Gymnasium, First Floor Corridor								
Exposed Concrete	55%			LIFE	* *	5	$13,900	
Fiber Board	5%			2024	$52,700			
Metal Panel	20%	4+	$538,500	LIFE	* *	5	$40,300	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vandalism, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Plaster	10%			LIFE	* *	5	$10,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	55%			2023	$98,700	5	$1,200	
Molded Case Bkrs	30%			2046	* *	5	$700	

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2041	* *	5	$400	
Locally Mounted	20%			2022	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	5%			2032	* *	10	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room & Two Classrooms								
Explanation : T-8 Lamps								
Fluorescent	90%			2019	$829,800	10	$68,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	2%			2019	$13,300	10	$100	
Incandescent	3%			2019	$27,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$56,000	10	$10,000	
Exit, Service	50%			2019	$11,200	1		
Exterior Lighting								
HID	100%			2019	$313,500	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$18,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1)) 6,000 Gallon Tank								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$82,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	1%	Now	$5,800	2054	* *	4		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement, 4 Of 4 Blown Condensate Return Pump Seals								
Steam Piping/Pump	99%			2044	* *	4	$4,100	
Terminal Devices								
Air Handler	50%			2024	$223,800	1	$25,700	
Convector/Radiator	50%			2029	* *	1	$13,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$136,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	100%			2024	$91,700	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$19,300	2	$1,200	
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Inside Room B-30, Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - M

Asset # : 1688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 33 - Q**		
Address	: **91-37 222 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q033**
Program / Asset #	: **BOE0694.000 / 2263**	**Yr Built/Renovated**	: **1925 / 1999**
Area Sq Ft	: **114,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **10756** **Lot** : **1**	**BIN**	: **4230589**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$762,800	$259,400
Interior Architecture	$709,300	$468,900
Electrical	$249,800	$2,214,300
Mechanical	$446,000	$680,300
Total	**$2,167,800**	**$3,623,000**
Importance Code A	$762,800	$259,400
Importance Code B	$1,405,000	$3,327,500
Importance Code C		$36,100
Total	**$2,167,800**	**$3,623,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,500	$8,200	$30,800	
Interior Architecture	$14,200	$4,400	$4,400	$4,400
Electrical	$4,800	$17,900	$3,700	$3,800
Mechanical	$36,200	$45,200	$26,500	$16,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$78,700**	**$80,600**	**$70,400**	**$29,600**
Importance Code A	$28,600	$18,600	$40,900	$10,200
Importance Code B	$44,600	$62,000	$29,400	$19,500
Importance Code C	$5,500			
Total	**$78,700**	**$80,600**	**$70,400**	**$29,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$85,100	
Masonry: Brick	25%			LIFE	* *	5	$54,500	
Masonry: Brick	55%	Now	$723,100	LIFE	* *	5	$119,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Limestone	3%			LIFE	* *	5	$4,900	
Masonry: Marble	2%			LIFE	* *	5	$3,300	
Metal Panel	2%			2043	* *	5-10	$30,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$21,200	
Stucco Cement	5%			2036	* *	5	$27,200	
Windows								
Aluminum	100%			2039	* *	5	$61,600	
Parapets								
Masonry: Brick	22%			LIFE	* *	5	$3,500	
Masonry: Brick	60%			LIFE	* *	5	$9,600	
Metal Rail	10%			2036	* *	5-10	$28,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,000	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	65%			2028	* *	10	$39,700	
Metal Panel	5%			2036	* *	10	$5,600	
Single Ply Membrane	30%	Now	$18,500	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : New Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : A304, A306, A307, Stairs								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$38,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2032	* *	5	$8,800	
Vinyl Tile	20%			2023	$298,500	3	$17,600	
Vinyl Tile	20%			2028	* *	3	$13,200	
Vinyl Tile	20%			2018	$298,500	3	$13,200	
Wood	25%			2038	* *	5	$82,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2032	* *	5	$10,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,700	
Gypsum Board	15%			LIFE	* *	5	$19,700	
Plaster	55%			LIFE	* *	5	$36,100	
SGFT/Glazed Masonry	10%			LIFE	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2036	* *	5	$52,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms A304, A306, A307, Cafeteria								
Exposed Concrete	10%			LIFE	* *	5	$2,700	
Exposed Concrete	5%			LIFE	* *	5	$1,400	
Exposed Struc: Steel	5%	Now	$369,700	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Steel Members Below Steps In Boiler Room								
Plaster	50%			LIFE	* *	5	$54,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$136,800	5	$300	
Fused Disc Sw	30%			2043	* *	5	$100	
Raceway								
Conduit	70%			2023	$146,100	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	30%			2039	* *	5	$900	
Molded Case Bkrs	65%			2022	$116,600	5	$2,000	
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$80,600	5	$500	
Locally Mounted	20%			2028	* *	5	$200	
Locally Mounted	10%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2023	$781,500	10	$64,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Sections								
Explanation : T-12 Lamps								
Fluorescent	38%			2028	* *	10	$40,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Sections								
Explanation : T-8 Lamps								
Incandescent	2%			2023	$26,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$14,200	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$430,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$103,500	1	$12,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$354,200	1-3	$21,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Boiler Room								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	75%			2043	* *	5	$27,200	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Boiler Room								
Explanation : The Gas Line Has Never Been Connected								
Natural Gas	25%			2043	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	25%			2028	* *	1	$14,500	
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 11 Rtu Package Units								
Steam Boiler	75%			2036	* *	1	$87,100	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	75%	Now	$12,300	2033	* *	4	$4,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 35%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Air Handler	15%			2018	$94,800	1	$10,900	
Convector/Radiator	40%			2021	$443,000	1	$15,200	
Fan Coil Unit/Heat	20%			2018	$351,200	1	$7,600	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2028	* *	2	$1,800	
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 11 Units								
Window/Wall Unit	5%			2018	$12,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,400	
Exhaust Fans								
Interior	75%			2023	$97,200	2	$2,700	
Roof	25%			2023	$23,300	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2033	* *	1		
Galv Iron/Steel	40%	0-2	$7,000	2021	$140,100	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$27,300	2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - Q

Asset # : 2263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$7,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2043	* *	1-5	$14,800	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$8,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 34 - BK**		
Address	: **131 NORMAN AVENUE @ MC GUINNESS BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K034**
Program / Asset #	: **BOE0367.000 / 346**	**Yr Built/Renovated**	: **1867 / 2000**
Area Sq Ft	: **32,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2012**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2622** **Lot** : **28**	**BIN**	: **3065733**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$114,800
Electrical	$132,000	$717,900
Mechanical	$39,900	$700,500
Total	**$171,900**	**$1,533,100**
Importance Code B	$171,900	$1,533,100
Total	**$171,900**	**$1,533,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,400			$8,200
Interior Architecture	$34,000	$1,500		$3,700
Electrical	$26,000	$1,500	$35,300	$900
Mechanical	$12,100	$4,500	$39,400	$4,500
Total	**$115,400**	**$7,500**	**$74,700**	**$17,300**
Importance Code A	$46,900	$3,300	$3,300	$11,500
Importance Code B	$39,500	$4,200	$71,300	$5,800
Importance Code C	$29,000			
Total	**$115,400**	**$7,500**	**$74,700**	**$17,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$21,100	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : South Facade								
Masonry: Brownstone	5%			LIFE	* *	5	$800	
Windows								
Aluminum	70%	Now	$17,500	2040	* *	5	$1,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	30%			2040	* *	5	$16,400	
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$900	
Metal Cornice	70%			2052	* *	10	$13,500	
Metal Rail	10%			2037	* *	5-10	$10,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,900	
Roof								
Asphalt Shingle	65%			2033	* *	10	$4,700	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Repairs In Progress								
Modified Bitumen	35%	Now	$19,400	2029	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Flat Section Over Rooms 211 And 212								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 211 And 212								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$10,800	
Ceramic Tile	5%			2027	* *	5	$2,500	
Vinyl Tile	25%			2024	$114,800	3	$4,600	
Vinyl Tile	60%			2029	* *	3	$14,800	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$2,200	
Glass: Single Pane	5%			LIFE	* *	5	$1,600	
Masonry: Brick	15%	Now	$27,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	70%			LIFE	* *	5	$9,200	
Wood	5%			LIFE	* *	5	$8,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	85%			LIFE	* *	5	$18,900	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Rooms 211 And 212								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 211 And 212								
Plaster	15%			LIFE	* *	5	$4,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$9,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$106,800	5	$100	
Raceway								
Conduit	40%			2034	* *	1		
Conduit	50%			2024	$28,700	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$100	
Molded Case Bkrs	90%			2023	$73,500	5	$800	
Wiring								
Braided Cloth	20%	2-4	$14,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$39,600	5	$200	
Locally Mounted	20%			2029	* *	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Paint								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$360,700	10	$27,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	8%			2029	* *	10	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor, Kitchen								
Explanation : T-8 Lamps								
HID	1%			2024	$2,900	10		
Incandescent	1%			2024	$4,000	2		
Egress Lighting								
Emergency, Battery	50%			2024	$24,300	10	$4,000	
Exit, Service	50%			2024	$4,900	1		
Exterior Lighting								
HID	100%			2019	$132,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$31,700	1	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$108,600	1-3	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$10,200	
Conversion Equipment								
Steam Boiler	100%	Now	$3,500	2029	* *	1	$29,400	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Tubes Are Leaking								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - BK

Asset # : 346

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$5,000	2024	$251,900	4	$1,600	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Traps Leaking								
Terminal Devices								
Convector/Radiator	100%			2022	$340,800	1	$10,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$29,700	1		
No Component	60%							
Ventilation								
Exhaust Fans								
Interior	100%	Now	$39,900	2034	* *	2	$800	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2024	$107,800	1		
Water Heater								
Gas Fired	100%			2022	$8,400	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,400	2024	$12,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$21,100	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 34 - M**		
Address	: **730 EAST 12 STREET BTWN: SZOLD PL., AVE. D**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M034**
Program / Asset #	: **BOE0019.000 / 2633**	**Yr Built/Renovated**	: **1955 / 2009**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **381** **Lot** : **38**	**BIN**	: **1004564**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$421,800	$48,800
Interior Architecture	$138,400	
Electrical	$960,100	$836,600
Mechanical	$128,800	$111,400
Total	**$1,649,200**	**$996,800**
Importance Code A	$421,800	$48,800
Importance Code B	$1,142,800	$948,000
Importance Code C	$84,600	
Total	**$1,649,200**	**$996,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,800	$5,500		$44,800
Interior Architecture	$87,800	$7,900		$7,900
Electrical	$6,300	$1,200	$1,300	$8,800
Mechanical	$43,000	$8,300	$15,000	$32,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,800**	**$26,900**	**$20,300**	**$97,900**
Importance Code A	$50,500	$11,100	$5,600	$50,500
Importance Code B	$94,900	$15,800	$14,700	$47,400
Importance Code C	$32,300			
Total	**$177,800**	**$26,900**	**$20,300**	**$97,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$73,600	LIFE	* *	5	$48,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Fieldstone	5%	0-2	$22,200	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%	Now	$235,500	2041	* *	5	$9,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Louvers	2%	Now	$11,400	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,400	
Masonry: Brick	90%	2-4	$112,700	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	25%			2030	* *	10	$14,900	
Copper/Terne	20%	4+	$3,200	2053	* *			
Drains Clogged, Extent : Light, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	50%			2030	* *	10	$29,800	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Metal Panel	5%			2038	* *	10	$5,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$8,800	LIFE	* *	5	$18,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	2-4	$4,100	2034	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%	2-4	$53,900	2030	* *	3	$23,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%			2053	* *	5	$15,800	
Interior Walls								
Cast in Place Concrete	5%	2-4	$13,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$35,200	2034	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$18,900	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	50%			LIFE	* *	5	$12,800	
SGFT/Glazed Masonry	30%	Now	$49,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	30%	Now	$10,200	2030	* *	5	$15,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Room 303								
Exposed Concrete	60%	2-4	$32,400	LIFE	* *	5	$7,900	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Room 320								
Plaster	10%			LIFE	* *	5	$5,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$1,400	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Fused Knife Sw	5%	0-2	$5,200	2050	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Fused Toggle Switch	50%	2-4	$52,300	2050	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Molded Case Bkrs	30%			2024	$31,400	5	$400	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$130,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2045	* *	1		
Thermoplastic	20%			2025	$34,800	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	89%			2025	$557,800	10	$46,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2035	* *	10	$2,600	
T-8 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Fluorescent	2%			2035	* *	10	$1,000	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
LED	4%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$6,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$207,700	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	50%							
Generic	50%			2033	* *	1	$10,300	
Fire/Smoke Detection								
Generic, Analog	100%			2020	$569,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$17,500	
Conversion Equipment								
Steam Boiler	100%	Now	$13,700	2030	* *	1	$50,300	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Bricks Of Both Boilers								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Tubes Of #2 Boiler								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,700	2035	* *	4	$2,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%	Now	$1,200	2025	$60,800	1	$6,300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Convector/Radiator	80%			2030	* *	1	$14,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$3,500	2020	$69,600	1		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Various Areas								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,500	
Exhaust Fans								
Interior	95%			2020	$59,200	2	$1,600	
Roof	5%			2020	$2,200	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - M

Asset # : 2633

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$50,600	1		
Water Heater								
Gas Fired	100%			2020	$13,100	2	$800	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$5,600	
Sanitary Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Cracked Drain Pipe In Mens Basement Locker Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$32,900	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 34 - Q**		
Address	: **104-12 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q034**
Program / Asset #	: **BOE0695.000 / 2264**	**Yr Built/Renovated**	: **1898 / 1999**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **11151** **Lot** : **81**	**BIN**	: **4240503**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$219,800	$198,500
Interior Architecture	$485,300	$481,400
Electrical	$894,300	$209,000
Mechanical		$250,400
Total	**$1,599,400**	**$1,139,300**
Importance Code A	$219,800	$198,500
Importance Code B	$1,186,500	$940,800
Importance Code C	$193,100	
Total	**$1,599,400**	**$1,139,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,500	$10,500	$6,400	
Interior Architecture	$53,900			$6,500
Electrical	$1,000	$1,400	$74,400	$1,000
Mechanical	$62,600	$9,000	$32,100	$9,900
Total	**$145,900**	**$20,900**	**$112,800**	**$17,500**
Importance Code A	$33,300	$15,300	$11,300	$4,800
Importance Code B	$82,800	$5,700	$101,600	$12,700
Importance Code C	$29,900			
Total	**$145,900**	**$20,900**	**$112,800**	**$17,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$49,800	
Masonry: Brick	80%	0-2	$76,900	LIFE	* *	5	$51,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	7%	0-2	$38,600	LIFE	* *	5	$3,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$1,400	
Windows								
Aluminum	95%	Now	$40,400	2040	* *	5	$9,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%	0-2	$28,500	2049	* *	5	$5,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	45%			LIFE	* *	5	$45,800	
Copper/Terne	20%			2044	* *	5	$12,700	
Masonry: Brick	20%			LIFE	* *	5	$2,600	
No Component	15%							
Roof								
Roll Roofing	25%			2023	$51,900	5	$21,000	
Slate	75%	0-2	$63,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Asphalt Poured	15%	Now	$7,400	2029	* *	5	$2,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 60%								
Location : At Stair Cases								
Cast in Place Concrete	5%			LIFE	* *	5	$7,900	
Ceramic Tile	3%	0-2	$4,200	2020	$42,100	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	72%	0-2	$88,600	2024	$443,000	3	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%	0-2	$6,000	2027	* *	5	$3,400	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$3,700	2020	$74,600	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	82%	0-2	$118,500	LIFE	* *	5	$22,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%	0-2	$26,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Embossed Metal	10%	0-2	$6,400	LIFE	* *	5	$3,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5	$600	
Plaster	85%	Now	$161,500	LIFE	* *	5	$38,400	
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Auditorium, Room 212								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement								
Explanation : One 1200 Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$122,200	5	$200	
Raceway								
Conduit	80%			2034	* *	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$200	
Molded Case Bkrs	70%			2023	$73,200	5	$900	
Wiring								
Thermoplastic	80%			2034	* *	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2029	* *	5	$200	
Locally Mounted	30%			2022	$13,600	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2019	$504,800	10	$41,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2019	$11,600	10		
Incandescent	3%			2019	$16,100	2		
Egress Lighting								
Emergency, Battery	50%			2019	$32,600	10	$5,800	
Exit, Service	50%			2019	$6,500	1		
Exterior Lighting								
HID	100%			2019	$177,500	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$170,400	1-3	$10,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$47,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$33,800	2034	* *	4	$2,400	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement Boiler Shop Area								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$2,600	2024	$52,100	1	$5,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Ahu Heating Coil, Sub Basement								
Convector/Radiator	60%			2029	* *	1	$9,400	
Fan Coil Unit/Heat	20%			2024	$144,800	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2019	$5,000	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,000	
Exhaust Fans								
Interior	100%			2024	$53,400	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
Water Heater								
Electric	50%	Now	$3,700	2024	$3,700	4	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Gas Fired	50%			2022	$5,600	2	$400	
HW Heat Exchanger								
Low Temp	50%	Now	$7,500	2054	* *	4	$2,400	
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Sub Basement								
No Component	50%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Leaders								
Sump Pump(s)								
Rigid Piping	65%	Now	$400	2024	$7,200	4	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sump Pump								
Submersible	35%	Now	$2,300	2019	$2,300	4	$600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Backflow Preventer								
Generic	100%			2029	* *	1	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$25,300	
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q

Asset # : 2264

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 34 - Q MINISCHOOL**		
Address	: **104-12 SPRINGFIELD BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q834**
Program / Asset #	: **BOE0695.010 / 2265**	**Yr Built/Renovated**	: **1971 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **11151** **Lot** : **81**	**BIN**	: **4240503**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$62,800	
Interior Architecture		$135,300
Electrical	$79,800	$165,800
Mechanical	$144,100	
Total	**$286,600**	**$301,100**
Importance Code A	$62,800	
Importance Code B	$223,800	$301,100
Total	**$286,600**	**$301,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,700			
Interior Architecture	$10,200	$2,000		
Electrical	$600	$400	$7,500	$400
Mechanical	$16,900	$1,400	$11,100	$1,400
Total	**$39,300**	**$3,800**	**$18,600**	**$1,800**
Importance Code A	$25,400	$600	$600	$600
Importance Code B	$6,800	$3,200	$18,000	$1,200
Importance Code C	$7,100			
Total	**$39,300**	**$3,800**	**$18,600**	**$1,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q MINISCHOOL

Asset # : 2265

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$6,200	2034	* *	5	$32,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$5,500	2032	* *	5	$1,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%			2029	* *	10	$62,800	
Interior								
Floors								
Ceramic Tile	5%			2027	* *	5	$800	
Vinyl Tile	95%			2024	$135,300	3	$6,000	
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$1,800	
Metal Panel	70%	0-2	$7,100	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$2,600	2029	* *	5	$8,100	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5		
Molded Case Bkrs	95%			2032	* *	5	$300	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q MINISCHOOL

Asset # : 2265

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$124,300	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	25%			2019	$3,800	10	$700	
Exit, Service	75%			2019	$2,300	1		
Exterior Lighting								
HID	100%			2024	$41,500	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2019	$79,800	1-3	$4,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%	Now	$13,700	2034	* *	1	$5,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Duct Mounted In Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Equipment Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	Now	$144,100	2029	* *	2	$500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Equipment Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	90%			2024	$11,100	2	$300	
Roof	10%			2019	$900	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 34 - Q MINISCHOOL

Asset # : 2265

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2019	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%	Now	$2,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Boys Bathroom								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 35 - BX**
Address : **261 EAST 163 STREET @GRANT AVE.**
Borough : **BRONX**
Agency's Number : **X035**
Program / Asset # : **BOE0181.000 / 511**
Yr Built/Renovated : **1903 / 1952**
Area Sq Ft : **45,000**
Project Type : **EDUCATION**
Date of Survey : **02-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2446** **Lot** : **43**
BIN : **2101573**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$395,900	$128,900
Interior Architecture	$320,200	$39,000
Electrical	$129,000	$521,800
Mechanical	$57,100	$244,300
Total	**$902,300**	**$934,000**
Importance Code A	$395,900	$128,900
Importance Code B	$455,900	$805,100
Importance Code C	$50,500	
Total	**$902,300**	**$934,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,000		$31,100	$11,700
Interior Architecture	$66,400			$7,800
Electrical	$11,800	$1,200	$15,100	$1,400
Mechanical	$6,200	$7,300	$21,000	$7,400
Total	**$118,300**	**$8,500**	**$67,200**	**$28,300**
Importance Code A	$38,100	$4,100	$35,300	$15,800
Importance Code B	$28,500	$4,400	$31,900	$12,500
Importance Code C	$51,800			
Total	**$118,300**	**$8,500**	**$67,200**	**$28,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$63,300	
Copper/Terne	2%			2059	* *	10	$3,800	
Masonry: Brick	81%	0-2	$395,900	LIFE	* *	5	$65,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Sandstone	7%			LIFE	* *	5	$4,300	
Windows								
Aluminum	100%			2040	* *	5	$23,300	
Parapets								
Masonry: Brick	95%	Now	$20,700	LIFE	* *	5	$7,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	10%	Now	$13,200	2034	* *			
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Canopy Roofs Over Exits								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exits								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Canopy Roofs Over Exits								
Built-Up (BUR)	87%			2029	* *	10	$25,100	
Copper/Terne	3%			2039	* *	10	$2,200	
Interior								
Floors								
Ceramic Tile	5%			2027	* *	5	$3,500	
Terrazzo	5%			LIFE	* *	5	$2,700	
Vinyl Tile	10%	0-2	$58,900	2034	* *	3	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	80%	0-2	$47,100	2029	* *	3	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$11,900	2027	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Glass: Single Pane	5%	0-2	$6,500	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	12%			LIFE	* *			
Plaster	73%	0-2	$50,500	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	5%	0-2	$33,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	0-2	$12,900	2029	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Plaster	90%	Now	$163,700	LIFE	* *	5	$39,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout, 3rd Floor, 4th Floor, Classroom(s)								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout, 3rd Floor, 4th Floor, Classroom(s)								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair B								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2050	* *	5	$100	
Fused Disc Sw	70%			2044	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	85%			2024	$59,000	1		
Conduit	10%			2044	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$10,500	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	30%			2040	* *	5	$400	
Molded Case Bkrs	5%			2046	* *	5	$100	
Molded Case Bkrs	55%			2023	$57,600	5	$700	
Wiring								
Braided Cloth	85%	2-4	$77,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	70%			2024	$359,900	10	$29,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2029	* *	10	$8,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement, Auditorium And Bathrooms								
Incandescent	10%			2019	$51,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$5,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$10,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Heat Exchanger	20%			2027	* *	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Steam Boiler	80%			2029	* *	1	$36,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2032	* *	4	$500	
Steam Piping/Pump	80%			2034	* *	4	$2,700	
Terminal Devices								
Convector/Radiator	90%			2029	* *	1	$13,500	
Fan Coil Unit/Heat	10%			2024	$69,300	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$57,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,800	
Exhaust Fans								
Roof	100%			2024	$36,800	2	$1,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$138,200	1		
Water Heater								
Gas Fired	100%			2019	$10,800	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - BX

Asset # : 511

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$600	
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 35 - M P35M/ MANHATTAN H.S.**		
Address	: **317 WEST 52 STREET BTWN 8TH AVE - 9TH AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M035**
Program / Asset #	: **BOE0035.000 / 1698**	**Yr Built/Renovated**	: **1969 / 2014**
Area Sq Ft	: **56,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1043** **Lot** : **22**	**BIN**	: **1025241**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$145,000	$60,500
Interior Architecture	$59,300	$562,000
Electrical	$438,900	$410,000
Mechanical	$59,400	$155,800
Total	**$702,600**	**$1,188,300**
Importance Code A	$145,000	$60,500
Importance Code B	$498,300	$1,127,700
Importance Code C	$59,300	
Total	**$702,600**	**$1,188,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,700	$4,200		$35,700
Interior Architecture	$120,300	$1,100		$27,800
Electrical	$600	$800	$1,400	$48,000
Mechanical	$14,900	$6,400	$10,800	$32,300
Total	**$162,500**	**$12,500**	**$12,100**	**$143,700**
Importance Code A	$26,700	$5,900		$35,800
Importance Code B	$105,500	$6,600	$12,100	$101,200
Importance Code C	$30,300			$6,700
Total	**$162,500**	**$12,500**	**$12,100**	**$143,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - M P35M/ MANHATTAN H.S.

Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$26,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Coiling Doors	10%			2030	* *	5	$16,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Granite Panels	5%			LIFE	* *	5	$2,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	35%			LIFE	* *	5	$60,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$91,300	2033	* *	5	$5,400	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$400	
Parapets								
Cast in Place Concrete	25%	Now	$5,000	LIFE	* *	5	$16,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Masonry: Brick	60%	Now	$21,700	LIFE	* *	5	$3,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Masonry: Limestone	15%			LIFE	* *	5	$1,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - M P35M/ MANHATTAN H.S.

Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	60%			2030	* *	10	$27,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$4,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Single Ply Membrane	35%	Now	$53,700	2035	* *			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof / Playground								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Seams Open/Split, Extent : Severe, Area Affected : 50%								
Location : Lower Roof / Playground								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$37,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceramic Tile	5%	2-4	$16,800	2028	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$10,100	LIFE	* *	5	$3,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Vestibule								
Vinyl Tile	10%			2030	* *	3	$3,200	
Vinyl Tile 9" X 9"	55%	2-4	$26,200	2025	$524,100	3	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	4+	$14,300	2053	* *	5	$4,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 35 - M P35M/ MANHATTAN H.S.
Asset # : 1698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	2-4	$21,100	2034	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$4,600	
Operable Wall	5%			2035	* *	5	$13,400	
Plaster	30%	2-4	$9,200	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	40%	2-4	$59,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Outside Auditorium								
Ceilings								
AcousTile,Adhered	35%			2045	* *	5	$30,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$5,400	
Plaster	40%	2-4	$22,700	LIFE	* *	5	$21,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$200	
Raceway								
Conduit	100%			2025	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Molded Case Bkrs	90%			2024	$94,200	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$34,800	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - M P35M/ MANHATTAN H.S.

Asset # : 1698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$49,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10		
Incandescent	5%			2020	$32,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$39,000	10	$7,000	
Exit, Service	50%			2020	$7,800	1		
Exterior Lighting								
HID	100%			2020	$211,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2038	* *	5	$3,400	
Distribution								
Steam Piping/Pump	100%	Now	$8,100	2035	* *	4	$2,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control Of Vacuum Pump, Basement								
Terminal Devices								
Air Handler	50%			2025	$155,800	1	$17,900	
Convector/Radiator	50%			2030	* *	1	$9,300	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 35 - M P35M/ MANHATTAN H.S.

Asset # : 1698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2030	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	50%			2020	$59,400	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	20%			2030	* *	1	$3,700	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2030	* *	2	$8,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,200	
Exhaust Fans								
Interior	40%			2025	$25,600	2	$700	
Roof	60%	Now	$2,800	2020	$27,600	2	$800	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$5,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 35 - Q**		
Address	**: 191-02 90 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q035**
Program / Asset #	**: BOE0696.000 / 2266**	**Yr Built/Renovated**	**: 1931 / 1998**
Area Sq Ft	**: 53,032**	**Project Type**	**: EDUCATION**
Date of Survey	**: 04-Oct-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 10447** **Lot : 7**	**BIN**	**: 4222137**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$288,000	$210,700
Interior Architecture	$75,000	$417,500
Electrical	$939,400	$455,200
Mechanical		$398,200
Total	**$1,302,500**	**$1,481,700**
Importance Code A	$288,000	$210,700
Importance Code B	$1,014,400	$1,271,000
Total	**$1,302,500**	**$1,481,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,800		$4,300	
Interior Architecture	$3,600	$5,600	$32,900	
Electrical	$32,600	$1,300	$1,900	$1,200
Mechanical	$8,600	$8,500	$30,700	$9,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$96,500**	**$19,400**	**$73,700**	**$15,000**
Importance Code A	$52,400	$4,600	$9,000	$4,600
Importance Code B	$42,600	$14,800	$64,700	$10,400
Importance Code C	$1,500			
Total	**$96,500**	**$19,400**	**$73,700**	**$15,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	0-2	$230,400	LIFE	* *	5	$76,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	10%	Now	$57,600	LIFE	* *	5	$9,500	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement, Room 305								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$15,500	
Windows								
Aluminum	90%			2032	* *	5	$24,700	
Aluminum	10%	Now	$23,000	2032	* *	5	$1,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : 1st And 2nd Floor Along 192nd Street								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$7,100	
Masonry: Brick	10%	Now	$5,100	LIFE	* *	5	$900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 305 And Assistant Principal Office								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$2,300	LIFE	* *	5	$600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Cornice								
Metal Rail	5%			2037	* *	5-10	$8,000	
Roof								
Built-Up (BUR)	80%			2024	$124,800	10	$27,200	
Copper/Terne	5%			2039	* *	10	$4,300	
Modified Bitumen	15%			2024	$29,800	10	$5,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,900	
Ceramic Tile	5%			2027	* *	5	$4,100	
Vinyl Tile	40%			2024	$277,700	3	$12,200	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Throughout Old Wing								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2024	$104,100	3	$4,600	
Wood	35%			2039	* *	5	$53,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,000	
Gypsum Board	10%			LIFE	* *	5	$6,100	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$19,800	
Ceilings								
AcousTileSusp.Lay-In	15%			2029	* *	5	$12,200	
Exposed Concrete	15%			LIFE	* *	5	$1,900	
Plaster	70%	0-2	$75,000	LIFE	* *	5	$35,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Room 305 And Assistant Principal Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 305 And Assistant Principal Office								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$117,300	5	$200	
Molded Case Bkrs	20%			2044	* *	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Fused Toggle Switch	30%	2-4	$31,400	2049	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wings								
Molded Case Bkrs	35%			2023	$36,600	5	$500	
Molded Case Bkrs	25%			2040	* *	5	$400	
Wiring								
Thermoplastic	75%			2024	$130,400	1		
Thermoplastic	25%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2022	$22,700	5	$200	
Locally Mounted	50%			2037	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	15%			2029	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Gym								
Explanation : T-8 Lamps								
Fluorescent	3%			2029	* *	10	$1,500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gas And Oil Tank Room								
Fluorescent	82%			2019	$496,900	10	$41,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$36,800	10	$6,600	
Exit, Service	50%			2024	$7,400	1		
Exterior Lighting								
HID	100%			2019	$200,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$192,200	1-3	$11,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 7500 Gal Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2029	* *	1	$8,100	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof Of Smaller Addition								
Explanation : 6 Units Roof Mounted								
Steam Boiler	70%			2029	* *	1	$37,800	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$2,700	
Terminal Devices								
Air Handler	10%			2024	$29,400	1	$3,400	
Convector/Radiator	60%			2029	* *	1	$10,600	
Fan Coil Unit/Heat	30%			2024	$245,000	1	$5,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2024	$107,900	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof Of Smaller Addition								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Window/Wall Unit	5%			2019	$5,600	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,400	
Exhaust Fans								
Interior	75%			2024	$45,200	2	$1,300	
Roof	25%			2024	$10,800	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$12,700	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - Q

Asset # : 2266

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	70%			2029	* *	4	$1,700	
Rigid Piping	30%	Now	$300	2024	$3,300	4	$500	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2032	* *	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1, 2, 3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2044	* *	1-2	$5,400	
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 35 - SI**		
Address	**: 60 FOOTE AVE. @ CLOVE ROAD**		
Borough	**: STATEN ISLAND**	**Agency's Number**	**: R035**
Program / Asset #	**: BOE0924.000 / 2527**	**Yr Built/Renovated**	**: 1953 / 2014**
Area Sq Ft	**: 26,200**	**Project Type**	**: EDUCATION**
Date of Survey	**: 01-Jul-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2**		
Block	**: 610** **Lot : 127**	**BIN**	**: 5015603**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$36,800
Electrical	$176,200	$220,200
Mechanical	$38,700	$212,400
Total	**$214,900**	**$469,400**
Importance Code A		$167,600
Importance Code B	$214,900	$301,800
Total	**$214,900**	**$469,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,000			$2,600
Interior Architecture	$3,300		$600	$9,000
Electrical	$4,800	$400	$300	$30,500
Mechanical	$45,100	$7,500	$10,500	$48,400
Total	**$57,300**	**$7,800**	**$11,400**	**$90,600**
Importance Code A	$10,600	$2,700	$2,700	$5,300
Importance Code B	$46,700	$5,200	$8,800	$85,200
Importance Code C				
Total	**$57,300**	**$7,800**	**$11,400**	**$90,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	96%			LIFE	* *	5	$18,600	
Masonry: Granite	1%			LIFE	* *	5	$100	
Metal/Glass Curt Wall	1%			LIFE	* *	5	$400	
Metal Panel	2%			2035	* *	5-10	$2,700	
Windows								
Aluminum	100%			2047	* *	5	$8,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,200	
Masonry: Limestone	10%			LIFE	* *	5	$900	
Roof								
Built-Up (BUR)	97%			2033	* *	10	$36,800	
Copper/Terne	2%			2060	* *	10	$1,900	
Sloped Glazing	1%			LIFE	* *	5	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Clove Road Side Of Building								
Explanation : Roof Of Adjoining Greenhouse								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$26,400	
Ceramic Tile	3%			2034	* *	5	$1,200	
Vinyl Tile	65%			2035	* *	3	$13,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	2%			2065	* *	5	$1,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,600	
Plaster	60%			LIFE	* *	5	$7,300	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$10,000	
Exposed Concrete	70%			LIFE	* *	5	$4,400	
Plaster	5%			LIFE	* *	5	$1,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%			2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$47,300	1		
Conduit	10%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$3,700	5		
Fused Disc Sw	5%			2050	* *	5		
Fused Toggle Switch	50%	2-4	$37,400	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	40%			2050	* *	5	$300	
Wiring								
Braided Cloth	60%	2-4	$39,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	85%			2023	$38,500	5	$200	
Locally Mounted	5%			2038	* *	5		
Locally Mounted	10%	2-4	$4,500	2045	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$200	
Generic	50%			LIFE	* *	5	$200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	45%			2025	$134,300	10	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	45%			2035	* *	10	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	10%			2020	$29,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$18,100	10	$3,200	
Exit, Service	50%			2025	$3,600	1		
Exterior Lighting								
HID	100%			2020	$99,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$2,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried								
Explanation : 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$6,500	2023	$130,800	1	$24,000	
Damaged, Extent : Light, Area Affected : 20%								
Location : Basement, Damaged Boiler Insulation, 2 Of 2 Boilers Need To Be Retubed								
Leak Evident, Extent : Light, Area Affected : 25%								
Location : Boiler Room, 1 Of 4 Header Valves Not Holding								
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Boiler Room,2 Of 2 Boiler Burners Require Constant Maintenance,1 Of 2 Defective Pressuretrol								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - #4 Oil Burner Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	Now	$18,800	2055	* *	4	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Climate Control System								
Steam Piping/Pump	90%			2035	* *	4	$1,200	
Terminal Devices								
Convector/Radiator	80%			2030	* *	1	$6,900	
Fan Coil Unit/Heat	20%			2025	$80,500	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	1%			2030	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Serves Main Distribution Frame								
Explanation : Split Unit								
Window/Wall Unit	2%	Now	$1,100	2025	$1,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Multiple Mechanical Defects								
Window/Wall Unit	70%			2020	$38,700	1		
No Component	27%							
Heat Rejection								
Remote Air Cond	5%			2025	$5,900	2	$900	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,000	
Exhaust Fans								
Roof	100%			2025	$21,400	2	$800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Water Hammering - Basement								
Water Heater								
Gas Fired	100%			2020	$6,300	2	$400	
HW Heat Exchanger								
Low Temp	100%	Now	$8,300	2055	* *	4	$2,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 35 - SI

Asset # : 2527

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$1,500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 36 - M**
Address : **123 MORNINGSIDE DRIVE @ AMSTERDAM AVE. & W. 122 ST.**
Borough : **MANHATTAN**
Agency's Number : **M036**
Program / Asset # : **BOE0020.000 / 1661**
Yr Built/Renovated : **1967 / 2012**
Area Sq Ft : **71,000**
Project Type : **EDUCATION**
Date of Survey : **26-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **1850** **Lot** : **2** **BIN** : **1055890**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$129,100	$143,900
Interior Architecture	$293,200	$820,700
Electrical	$1,063,600	$373,500
Mechanical	$113,000	$533,300
Total	**$1,599,000**	**$1,871,400**
Importance Code A	$129,100	$180,900
Importance Code B	$1,319,500	$1,690,500
Importance Code C	$150,300	
Total	**$1,599,000**	**$1,871,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,800		$10,900	
Interior Architecture	$3,100		$1,600	$12,100
Electrical	$7,000	$900	$55,400	
Mechanical	$9,900	$12,100	$15,600	$11,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$30,700**	**$16,900**	**$87,500**	**$27,100**
Importance Code A	$14,100	$7,300	$18,300	$7,300
Importance Code B	$15,200	$9,700	$69,200	$19,900
Importance Code C	$1,500			
Total	**$30,700**	**$16,900**	**$87,500**	**$27,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$30,300	
Masonry: Brick	85%			LIFE	* *	5	$51,600	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout, 2010								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair A And Garage Area								
Masonry: Fieldstone	5%			LIFE	* *	5	$2,300	
Windows								
Aluminum	100%			2032	* *	5	$13,600	
Parapets								
Cast in Place Concrete	90%	Now	$56,800	LIFE	* *	5	$92,300	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout, 2010								
Metal Rail	10%			2029	* *	5-10	$17,900	
Roof								
Single Ply Membrane	100%			2029	* *	10	$72,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,000	
Ceramic Tile	3%			2027	* *	5	$3,300	
Quarry Tile	2%			2029	* *	5	$3,300	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	88%	0-2	$41,000	2024	$820,700	3	$36,200	
Deflection Evident, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$2,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Plaster	52%			LIFE	* *	5	$15,100	
SGFT/Glazed Masonry	40%	2-4	$150,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Stair A								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	50%	Now	$101,900	2029	* *	5	$27,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Playroom, Cafeteria, Copy Room								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Playroom, Cafeteria, Copy Room								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Playroom, Cafeteria, Copy Room								
Exposed Concrete	45%			LIFE	* *	5	$7,700	
Plaster	5%			LIFE	* *	5	$3,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Molded Case Bkrs	85%			2023	$114,400	5	$1,600	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2024	$34,800	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	70%			2019	$569,800	10	$47,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	25%			2034	* *	10	$16,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	2%			2019	$11,700	10		
Incandescent	3%			2019	$24,400	2	$100	
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,800	
Emergency, Battery	40%			2019	$39,500	10	$7,100	
Exit, Service	50%			2019	$9,900	1		
Exterior Lighting								
HID	100%			2019	$268,100	10	$200	
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$72,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	25%			2050	* *	4	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement, New Boiler Room Steam, Condensate Piping, And Condensate Return Pumping System								
Steam Piping/Pump	75%			2034	* *	4	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Existing Steam And Condensate Piping Throughout Except For Boiler Room.								
Terminal Devices								
Convector/Radiator	20%			2041	* *	1	$4,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout, New Steam Traps, Thermostat And Radiator Control Valves								
Convector/Radiator	40%			2029	* *	1	$9,500	
Fan Coil Unit/Heat	40%			2024	$438,900	1	$9,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - M

Asset # : 1661

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2022	$94,400	2	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Explanation : 2 Units In Lunch Room								
Window/Wall Unit	75%			2019	$113,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,900	
Exhaust Fans								
Interior	20%			2024	$16,200	2	$500	
Roof	80%			2032	* *	2	$1,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$17,000	2	$1,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,000	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 36 - Q**		
Address	: **187-01 FOCH BLVD @ LOVINGHAM PL.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q036**
Program / Asset #	: **BOE0697.000 / 2267**	**Yr Built/Renovated**	: **1924 / 2011**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12439** **Lot** : **32**	**BIN**	: **4268900**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$168,200	
Electrical	$532,100	$319,700
Mechanical	$39,800	$306,100
Total	**$740,100**	**$625,800**
Importance Code B	$740,100	$625,800
Total	**$740,100**	**$625,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,200			$7,500
Interior Architecture	$1,300	$5,900		$4,200
Electrical	$400	$500	$800	$60,500
Mechanical	$21,200	$5,400	$7,900	$46,200
Total	**$48,100**	**$11,800**	**$8,700**	**$118,300**
Importance Code A	$28,800	$3,600	$3,600	$11,100
Importance Code B	$19,300	$7,200	$5,100	$107,200
Importance Code C		$1,000		
Total	**$48,100**	**$11,800**	**$8,700**	**$118,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$22,900	
Masonry: Brick Cavity	50%			LIFE	* *	5	$28,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Metal Panel	7%			2045	* *	5-10	$27,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%			2041	* *	5	$17,000	
Parapets								
Masonry: Brick Cavity	93%			LIFE	* *	5	$6,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	7%			LIFE	* *	5	$3,200	
Roof								
Built-Up (BUR)	98%	Now	$25,200	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Rooms 301, 302, 304, 306, 309								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Rooms 301,302,304, 306,309								
Skylight, Metal/Glass	2%			2035	* *	10	$1,900	
Interior								
Floors								
Mosaic Tile	3%			2030	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$2,100	
Vinyl Tile	72%			2030	* *	3	$14,600	
Vinyl Tile 9" X 9"	20%			2020	$118,700	3	$5,400	
Interior Walls								
Ceramic Tile	3%			2028	* *	5	$2,000	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$16,100	
Ceilings								
AcousTile,Adhered	3%			2030	* *	5	$1,600	
Exposed Concrete	27%			LIFE	* *	5	$2,300	
Plaster	70%	Now	$49,500	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Rooms 301,302,304,306,309								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 301,302,304,306,309								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$97,700	5	$200	
Raceway								
Conduit	95%			2025	$49,900	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$7,500	5	$100	
Molded Case Bkrs	85%			2024	$63,500	5	$800	
Molded Case Bkrs	5%			2041	* *	5		
Wiring								
Thermoplastic	95%			2025	$63,200	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	90%			2020	$359,900	10	$29,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	10%			2020	$40,000	2	$100	
Egress Lighting								
Emergency, Battery	5%			2030	* *	10	$400	
Emergency, Battery	45%			2020	$21,900	10	$3,900	
Exit, Service	10%			2030	* *	1		
Exit, Service	40%			2020	$3,900	1		
Exterior Lighting								
HID	100%			2020	$132,200	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$3,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$11,200	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	Now	$5,000	2035	* *	4	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : F & T Traps								
Terminal Devices								
Air Handler	10%			2020	$19,400	1	$2,200	
Convector/Radiator	90%			2023	$306,100	1	$10,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$7,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,100	
Exhaust Fans								
Interior	100%			2020	$39,800	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$32,300	1		
Water Heater								
Gas Fired	100%			2020	$8,400	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 500 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2035	* *	4	$1,600	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Housing								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2030	* *	1	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q

Asset # : 2267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 36 - Q MINISCHOOL**
Address : **187-01 FOCH BLVD @ LOVINGHAM PL.**
Borough : **QUEENS**
Agency's Number : **Q836**
Program / Asset # : **BOE0697.010 / 2268**
Yr Built/Renovated : **1972 / 2001**
Area Sq Ft : **8,000**
Project Type : **EDUCATION**
Date of Survey : **02-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **12439** **Lot** : **32** **BIN** : **4268900**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$281,000	
Interior Architecture	$95,300	
Electrical	$90,400	$45,300
Mechanical	$104,800	
Total	**$571,500**	**$45,300**
Importance Code A	$281,000	
Importance Code B	$290,500	$45,300
Total	**$571,500**	**$45,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,000	$1,000		
Interior Architecture		$2,200		
Electrical	$100	$100	$200	$45,400
Mechanical	$500	$500	$1,100	$20,700
Total	**$18,600**	**$3,700**	**$1,300**	**$66,100**
Importance Code A	$18,400	$1,400	$400	$10,400
Importance Code B	$200	$2,400	$900	$55,700
Importance Code C				
Total	**$18,600**	**$3,700**	**$1,300**	**$66,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$18,000	2035	* *	5	$23,500	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2033	* *	5	$1,900	
Roof								
Metal Panel	100%	Now	$281,000	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Various Rooms								
Interior								
Floors								
Mosaic Tile	5%			2038	* *	5	$1,500	
Vinyl Tile	95%			2030	* *	3	$4,300	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,200	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$95,300	2045	* *	5	$5,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Mechanical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Fused Disc Sw	5%			2024	$1,100	5		
Molded Case Bkrs	95%			2024	$21,300	5	$200	
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$90,400	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2020	$5,500	10	$1,000	
Exit, Service	50%			2020	$1,100	1		
Exterior Lighting								
HID	100%			2020	$30,200	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$900	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - Q MINISCHOOL

Asset # : 2268

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2020	$9,900	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2019	$104,800	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,500	
Exhaust Fans								
Interior	100%			2020	$9,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2020	$1,300	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 36 - SI**
Address : **255 IONIA AVENUE @JEFFERSON BLVD.**
Borough : **STATEN ISLAND**
Agency's Number : **R036**
Program / Asset # : **BOE0925.000 / 1430**
Yr Built/Renovated : **1974 /**
Area Sq Ft : **83,000**
Project Type : **EDUCATION**
Date of Survey : **24-Apr-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **6262** **Lot** : **12** **BIN** : **5107742**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,604,800	$127,900
Interior Architecture	$284,600	$948,500
Electrical	$982,400	$758,300
Mechanical	$463,100	$795,400
Total	**$3,334,800**	**$2,630,000**
Importance Code A	$2,021,800	$164,900
Importance Code B	$1,225,200	$2,465,100
Importance Code C	$87,900	
Total	**$3,334,800**	**$2,630,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$17,500	
Interior Architecture	$20,700		$3,200	$13,900
Electrical	$12,300	$3,800	$39,900	$2,800
Mechanical	$42,800	$24,000	$52,400	$19,400
Total	**$75,800**	**$27,800**	**$113,100**	**$36,200**
Importance Code A		$8,500	$26,100	$8,500
Importance Code B	$57,100	$19,300	$86,900	$27,700
Importance Code C	$18,800			
Total	**$75,800**	**$27,800**	**$113,100**	**$36,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$54,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,400	
Windows								
Aluminum	100%	0-2	$593,500	2049	* *	5	$7,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	25%			2029	* *	5-10	$30,000	
Pre-Cast Concrete	75%			LIFE	* *	5	$73,100	
Roof								
IRMA/Protected Membrane	100%			2019	$898,600	10	$112,700	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	87%	Now	$94,800	2024	$948,500	3	$41,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$42,300	2039	* *	5	$6,000	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$18,800	2027	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Metal Panel	15%			LIFE	* *			
Plaster	42%			LIFE	* *	5	$14,300	
SGFT/Glazed Masonry	40%	Now	$87,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	50%	Now	$59,600	2037	* *	5	$32,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2029	* *	5	$6,400	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$32,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$26,900	5	$300	
Molded Case Bkrs	80%			2023	$143,500	5	$1,700	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Thermoplastic	95%			2024	$242,700	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2019	$190,300	10	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	78%			2029	* *	10	$61,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2019	$13,700	10	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$57,800	10	$10,300	
Exit, Service	50%			2019	$11,600	1		
Exterior Lighting								
HID	100%			2019	$313,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$9,300	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$343,900	1-3	$20,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$211,000	5	$26,500	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : 2 Tanks - Basement								
Conversion Equipment								
Steam Boiler	100%	0-2	$417,000	2044	* *	1	$76,400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement - 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,300	
Terminal Devices								
Air Handler	30%			2024	$138,600	1	$15,900	
Convector/Radiator	40%			2029	* *	1	$11,100	
Fan Coil Unit/Heat	30%			2024	$384,800	1	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2029	* *	1	$11,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units - Chiller Room								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2034	* *	4	$1,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2024	$61,000	1	$15,900	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%	0-2	$46,100	2034	* *	2	$14,300	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	
Exhaust Fans								
Interior	10%			2024	$9,500	2	$300	
Roof	90%			2029	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$25,600	2034	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Heater								
Electric	5%			2022	$700	4		
No Component	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : To Save Energy, Recommend Installing A Dedicated Water Heater								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof Drain								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI

Asset # : 1430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$44,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Dry System							
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,200	
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 36 - SI ANNEX**		
Address	: **200 JEFFERSON BLVD. @IONIA AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R844**
Program / Asset #	: **BOE0925.010 / 1431**	**Yr Built/Renovated**	: **1932 / 2000**
Area Sq Ft	: **22,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Apr-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **6262** **Lot** : **12**	**BIN**	: **5107743**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$398,700	$49,600
Interior Architecture	$304,100	
Electrical	$223,100	$261,000
Total	**$925,900**	**$310,600**
Importance Code A	$398,700	$49,600
Importance Code B	$527,200	$261,000
Total	**$925,900**	**$310,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,800		$20,200	$6,800
Interior Architecture	$97,800		$5,800	$2,800
Electrical	$500	$700	$41,500	$500
Mechanical	$8,200	$4,200	$7,800	$3,600
Total	**$120,300**	**$4,900**	**$75,400**	**$13,700**
Importance Code A	$16,000	$2,200	$22,400	$8,900
Importance Code B	$45,900	$2,700	$52,900	$4,700
Importance Code C	$58,400			
Total	**$120,300**	**$4,900**	**$75,400**	**$13,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$49,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	2%	2-4	$13,800	LIFE	* *	5	$900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	13%	2-4	$165,800	LIFE	* *	5	$5,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$13,500	
Parapets								
Masonry: Brick	95%	0-2	$71,700	LIFE	* *	5	$6,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$400	
Roof								
IRMA/Protected Membrane	100%			2019	$161,200	10	$20,200	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$2,300	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$42,700	2039	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Bathrooms								
Marble Panels	5%	Now	$32,000	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Stairs Steps								
Terrazzo	5%	Now	$5,100	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%	Now	$37,500	2019	$187,500	3	$8,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	5%			2034	* *	3	$800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	25%	4+	$36,400	2052	* *	5	$10,300	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	2-4	$6,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2027	* *	5	$2,100	
Marble Panels	5%	Now	$8,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	2-4	$18,400	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%	2-4	$24,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$11,000	
Plaster	75%			LIFE	* *	5	$20,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$100	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$11,200	5	$100	
Molded Case Bkrs	75%			2023	$56,100	5	$400	
Molded Case Bkrs	10%			2032	* *	5	$100	
Wiring								
Thermoplastic	90%			2024	$59,900	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	80%			2029	* *	10	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	20%			2019	$48,900	10	$4,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2019	$14,800	10	$2,700	
Exit, Service	50%			2019	$3,000	1		
Exterior Lighting								
HID	100%			2019	$83,100	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$91,100	1-3	$5,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$21,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$1,600	
Terminal Devices								
Air Handler	20%			2024	$23,700	1	$2,700	
Convector/Radiator	80%			2029	* *	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - SI ANNEX

Asset # : 1431

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2019	$2,300	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,300	
Exhaust Fans								
Interior	100%			2024	$24,300	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2044	* *	1		
Galv Iron/Steel	60%	Now	$3,900	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2022	$5,100	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$300	
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 37 - Q**
Address : **179-37 137 AVENUE BTWN: BENNETT ST., BELKNAP ST.**
Borough : **QUEENS** | **Agency's Number** : **Q037**
Program / Asset # : **BOE0698.000 / 2269** | **Yr Built/Renovated** : **1928 / 2005**
Area Sq Ft : **88,000** | **Project Type** : **EDUCATION**
Date of Survey : **26-Sep-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12993** **Lot** : **118** | **BIN** : **4279864**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$166,900	$172,400
Interior Architecture	$84,300	$445,700
Electrical	$820,000	$777,700
Mechanical	$410,900	$624,200
Total	**$1,482,100**	**$2,020,000**
Importance Code A	$166,900	$209,400
Importance Code B	$1,315,200	$1,810,600
Total	**$1,482,100**	**$2,020,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,300			$11,900
Interior Architecture		$39,100	$8,400	
Electrical	$1,000	$1,500	$2,000	$24,700
Mechanical	$34,500	$14,600	$23,200	$96,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$69,700**	**$59,200**	**$37,600**	**$136,800**
Importance Code A	$52,200	$8,900	$8,900	$21,100
Importance Code B	$17,500	$50,200	$28,600	$115,800
Importance Code C				
Total	**$69,700**	**$59,200**	**$37,600**	**$136,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$32,100	
Masonry: Brick	63%			LIFE	* *	5	$51,800	
Masonry: Brick	25%	Now	$123,900	LIFE	* *	5	$20,500	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Foundation Of 1974 Wing								
Masonry: Limestone	2%			LIFE	* *	5	$1,200	
Metal Panel	5%	Now	$5,900	2035	* *	5	$7,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Windows								
Aluminum	95%			2041	* *	5	$29,100	
Wood	5%	Now	$42,900	2050	* *	5	$7,600	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick	72%			LIFE	* *	5	$12,500	
Masonry: Brick	23%			LIFE	* *	5	$4,000	
Masonry: Limestone	3%			LIFE	* *	5	$700	
Pre-Cast Concrete	2%	Now	$2,500	LIFE	* *	5	$2,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	65%			2033	* *	10	$62,100	
Built-Up (BUR)	25%	Now	$21,900	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Nurses Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Nurses Office								
Copper/Terne	5%			2060	* *	10	$11,900	
IRMA/Protected Membrane	5%			2025	$38,100	10	$4,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$84,300	LIFE	* *	5	$59,100	
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Basement Of 1974 Wing								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Of 1974 Wing								
Explanation : Ground Water								
Ceramic Tile	5%			2034	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	30%			2025	$344,600	3	$15,200	
Vinyl Tile	35%			2030	* *	3	$17,700	
Wood	5%			2053	* *	5	$12,700	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Masonry: Brick	10%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$16,300	
Plaster	20%			LIFE	* *	5	$8,200	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	40%			2038	* *	5	$53,700	
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Plaster	50%			LIFE	* *	5	$41,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	80%			2024	$143,500	5	$1,900	
Molded Case Bkrs	10%			2033	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$153,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2025	$76,700	1		
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	10%			2030	* *	5	$100	
Locally Mounted	70%			2023	$52,900	5	$400	
Motor Control Center	20%			2023	$58,500	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Mwp , Point Of Contact Not Visible Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$81,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	* *	10	$1,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2020	$60,900	10	$10,900	
Exit, Service	50%			2020	$12,200	1		
Exterior Lighting								
HID	100%			2020	$332,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$273,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$28,000	
Conversion Equipment								
Steam Boiler	100%	Now	$22,000	2030	* *	1	$80,500	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Burners Are Down Frequently								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,500	
Terminal Devices								
Air Handler	15%			2020	$73,000	1	$8,400	
Convector/Radiator	60%			2023	$511,600	1	$17,500	
Fan Coil Unit/Heat	25%			2020	$337,900	1	$7,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%	Now	$1,500	2020	$30,600	1	$3,800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : New Wing Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	10%	Now	$900	2020	$18,600	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
No Component	80%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2025	$8,800	4	$700	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2020	$7,700	1	$5,600	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2020	$10,800	2	$6,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	60%			2025	$59,900	2	$1,700	
Roof	40%			2025	$28,700	2	$1,100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - Q

Asset # : 2269

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2025	$28,000	4	$13,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : C, G, 1, 2							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$52,700	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 37 - SI ANNEX MINISCHOOL**
Address : **110 SHAFTER AVENUE @KATAN AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0922.010 / 1428**
Area Sq Ft : **9,000**
Date of Survey : **31-Jan-2013**
Areas Surveyed : **Roof, Floors 1**
Block : **4630** **Lot** : **13**

Agency's Number : **R843**
Yr Built/Renovated : **1973 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5062576**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$141,700	
Electrical		$195,900
Mechanical		$89,700
Total	**$141,700**	**$285,500**
Importance Code A	$141,700	$40,300
Importance Code B		$245,200
Total	**$141,700**	**$285,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,000			
Interior Architecture	$16,800			$1,700
Electrical	$100	$200	$34,100	$100
Mechanical	$13,100	$2,200	$9,000	$2,200
Total	**$32,000**	**$2,400**	**$43,100**	**$3,900**
Importance Code A	$2,000	$800		$800
Importance Code B	$28,000	$1,600	$43,100	$3,100
Importance Code C	$2,000			
Total	**$32,000**	**$2,400**	**$43,100**	**$3,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI ANNEX MINISCHOOL

Asset # : 1428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$2,000	2034	* *	5	$26,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$90,300	2049	* *	5	$1,100	1
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Roof								
Metal Panel	100%			2037	* *	10	$51,400	
Interior								
Floors								
Ceramic Tile	3%	Now	$2,400	2027	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	97%			2029	* *	3	$6,600	
Interior Walls								
Ceramic Tile	3%	Now	$2,000	2027	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,400	
Metal Panel	47%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$10,700	2037	* *	5	$6,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$48,900	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI ANNEX MINISCHOOL

Asset # : 1428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2024	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2023	$22,400	5	$200	
Wiring								
Thermoplastic	100%			2024	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mech Room & Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$101,700	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Service	50%			2024	$2,300	1		
Exit, Service	50%			2024	$1,200	1		
Exterior Lighting								
HID	100%			2019	$34,000	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$5,400	1	$700	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Radiant Heater	100%			2024	$40,300	2	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Duct Mounted								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI ANNEX MINISCHOOL

Asset # : 1428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	100%	Now	$6,800	LIFE	* *	2-5	$5,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room								
Terminal Devices								
Air Handler	100%			2024	$49,400	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$5,000	2029	* *	2	$400	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Exhaust Fans								
Interior	100%			2024	$10,100	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 38 - BK**				
Address	: **450 PACIFIC STREET @NEVINS ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K038**	
Program / Asset #	: **BOE0369.000 / 1424**		**Yr Built/Renovated**	: **1965 / 2013**	
Area Sq Ft	: **87,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **191**	**Lot** : **1**	**BIN**	: **3001183**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$122,700	$174,600
Interior Architecture	$948,900	
Electrical	$1,303,200	$1,272,900
Mechanical		$237,900
Total	**$2,374,800**	**$1,685,400**
Importance Code A	$122,700	$211,700
Importance Code B	$2,194,500	$1,473,800
Importance Code C	$57,600	
Total	**$2,374,800**	**$1,685,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000		$20,900	
Interior Architecture	$69,300		$14,400	$10,900
Electrical	$11,700	$3,900	$11,400	$2,500
Mechanical	$129,200	$13,600	$36,700	$14,400
Total	**$231,100**	**$17,500**	**$83,500**	**$27,800**
Importance Code A	$42,800	$8,900	$30,000	$8,900
Importance Code B	$147,900	$8,600	$53,500	$18,900
Importance Code C	$40,400			
Total	**$231,100**	**$17,500**	**$83,500**	**$27,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	0-2	$21,000	LIFE	* *	5	$37,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	0-2	$84,200	LIFE	* *	5	$55,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	15%			2044	* *	10	$34,900	
Windows								
Aluminum	90%			2049	* *	5	$15,000	
Recent Replace Evident, Extent : Light, Area Affected : 90%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$1,000	
Parapets								
Cast in Place Concrete	65%			LIFE	* *	5	$81,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	$1,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	10%			2044	* *	5	$4,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$7,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$38,600	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : Over Room 342								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 342								
Copper/Terne	5%			2039	* *	10	$11,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	5%	0-2	$6,500	2033	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	65%	0-2	$148,600	2019	$742,800	3	$32,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	20%			2034	* *	3	$10,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2039	* *	5	$12,600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Glazed Ceramic Panel	5%	2-4	$9,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	65%	0-2	$31,000	LIFE	* *	5	$23,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$57,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$13,600	2029	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	7%			2029	* *	5	$9,400	
Exposed Concrete	55%			LIFE	* *	5	$11,500	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	10%	0-2	$8,800	LIFE	* *	5	$8,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	25%			2023	$44,800	5	$500	
Fused Toggle Switch	5%	2-4	$9,000	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2023	$107,600	5	$1,400	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
Locally Mounted	80%			2022	$60,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2019	$917,600	10	$75,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	8%			2019	$79,800	2	$200	
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$8,700	
Exit, Service	60%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$328,600	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$52,600	1	$6,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$315,400	1-3	$18,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2034	* *	5	$27,800	
No. 2 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : In Vault								
Conversion Equipment								
Steam Boiler	100%	Now	$21,900	2037	* *	1	$80,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Draft Control System								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$31,300	2034	* *	4	$4,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Steam Piping								
Terminal Devices								
Air Handler	20%	Now	$9,700	2024	$96,800	1	$10,000	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control Compressor								
Convector/Radiator	75%			2037	* *	1	$21,800	
Fan Coil Unit/Heat	5%			2024	$67,200	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$14,800	2022	$73,800	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - BK

Asset # : 1424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%	Now	$3,000	2029	* *	2	$1,300	
Broken, Extent : Light, Area Affected : 10%								
Location : Belts Throghout								
Roof	40%	Now	$2,900	2024	$28,600	2	$900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : House Fan								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$13,400	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main - Sprinkler Room								
Water Heater								
Gas Fired	100%			2017	$20,900	2	$1,300	
HW Heat Exchanger								
Low Temp	100%	Now	$1,400	2034	* *	4	$8,900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Circulation Pump								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Dean Street Entrance								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 38 - M**				
Address	: **232 EAST 103 STREET @SECOND AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M121**
Program / Asset #	: **BOE0070.000 / 1696**			**Yr Built/Renovated**	: **1907 / 2001**
Area Sq Ft	: **71,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1652**	**Lot**	: **16**	**BIN**	: **1052384**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$81,900	$238,800
Interior Architecture	$197,400	$44,400
Electrical	$1,070,900	$518,000
Mechanical	$138,800	$659,900
Total	**$1,489,000**	**$1,461,100**
Importance Code A	$81,900	$275,800
Importance Code B	$1,300,900	$1,185,400
Importance Code C	$106,100	
Total	**$1,489,000**	**$1,461,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,700		$30,000	$19,200
Interior Architecture	$56,500	$2,700	$20,500	$10,900
Electrical	$11,800	$3,000	$27,600	$2,300
Mechanical	$49,800	$10,400	$23,200	$10,400
Total	**$131,800**	**$16,100**	**$101,200**	**$42,700**
Importance Code A	$21,000	$7,200	$37,400	$26,400
Importance Code B	$100,000	$8,900	$63,900	$16,300
Importance Code C	$10,900			
Total	**$131,800**	**$16,100**	**$101,200**	**$42,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$106,000	
Masonry: Brick	10%	Now	$81,900	LIFE	* *	5	$13,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stairs I And Kl								
Masonry: Brick	5%			LIFE	* *	5	$6,800	
Masonry: Brick	70%			LIFE	* *	5	$95,000	
Masonry: Limestone	3%			LIFE	* *	5	$3,100	
Stucco Cement	2%			2029	* *	5	$6,800	
Windows								
Aluminum	100%			2040	* *	5	$38,300	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,400	
Metal Rail	5%			2037	* *	5-10	$9,000	
Metal: Cage/Fence	5%			2037	* *	5-10	$3,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Roof								
Built-Up (BUR)	10%	Now	$3,500	2024	$17,400			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium, Custodian Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Kl								
Built-Up (BUR)	70%			2029	* *	10	$26,600	
Copper/Terne	5%	Now	$2,600	2052	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Stair E								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Over Stair E								
Sloped Glazing	5%			LIFE	* *	5	$25,300	
Traffic Topping	10%			2024	$23,100	10	$6,300	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$5,500	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	80%			2029	* *	3	$43,700	
Wood	10%			2039	* *	5	$20,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%	Now	$106,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Column								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Marble Panels	3%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$26,500	
Plaster	5%	Now	$10,900	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair E								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair E								
SGFT/Glazed Masonry	7%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$20,300	2029	* *	5	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Auditorium And Throughout								
AcousTileConcealSpLn	15%			2029	* *	5	$20,500	
Metal Panel	5%			LIFE	* *	5	$6,800	
Metal Panel	5%	Now	$91,300	LIFE	* *	5	$6,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Plaster	60%			LIFE	* *	5	$41,000	
Plaster	5%	Now	$14,300	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair E								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair E								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	30%			2044	* *	1		
Panelboards								
Molded Case Bkrs	70%			2023	$94,200	5	$1,300	
Molded Case Bkrs	30%			2040	* *	5	$600	
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$400	
Locally Mounted	20%			2022	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	$13,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	78%			2019	$632,800	10	$52,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 12 Lamps								
Incandescent	2%			2019	$16,200	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,800	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$268,100	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$64,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$220,600	1-3	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Bells, Strobe Lights, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$72,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,500	2034	* *	4	$3,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$78,800	1	$9,000	
Convector/Radiator	80%			2022	$551,900	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$60,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$8,100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - M

Asset # : 1696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	15%	Now	$12,100	2034	* *	2	$300	
Obsolete Equipment, Extent : Severe, Area Affected : 15%								
Location : Has Not Been Used For Many Years, Penthouse								
Roof	5%			2029	* *	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%	0-2	$1,300	2022	$65,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2022	$17,000	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$42,600	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 38 - Q**		
Address	: **135-21 241 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q038**
Program / Asset #	: **BOE0699.000 / 2270**	**Yr Built/Renovated**	: **1926 / 2006**
Area Sq Ft	: **30,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,atc**		
Block	: **13222** **Lot** : **1**	**BIN**	: **4284236**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$242,100	$156,700
Electrical	$39,900	$619,700
Mechanical	$92,200	$195,100
Total	**$374,200**	**$971,500**
Importance Code B	$374,200	$971,500
Total	**$374,200**	**$971,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,600			$22,900
Interior Architecture		$1,200	$3,500	$10,000
Electrical	$9,900	$500	$600	$700
Mechanical	$14,200	$8,100	$9,700	$27,800
Total	**$28,700**	**$9,800**	**$13,700**	**$61,400**
Importance Code A	$7,700	$3,000	$3,000	$26,000
Importance Code B	$21,000	$6,700	$9,500	$35,400
Importance Code C			$1,200	
Total	**$28,700**	**$9,800**	**$13,700**	**$61,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$8,700	
Masonry: Brick	88%			LIFE	* *	5	$19,500	
Masonry: Limestone	2%			LIFE	* *	5	$300	
Masonry: Marble	5%			LIFE	* *	5	$800	
Windows								
Aluminum	100%			2047	* *	5	$9,300	
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$800	
Metal Cornice	90%			2040	* *	10	$22,900	
Roof								
Asphalt Shingle	85%			2034	* *	10	$6,200	
Built-Up (BUR)	10%			2025	$19,900	10	$4,300	
Copper/Terne	5%			2053	* *	10	$5,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,000	
Ceramic Tile	5%			2028	* *	5	$2,300	
Vinyl Tile	40%			2025	$156,700	3	$6,900	
Vinyl Tile	10%	Now	$39,200	2035	* *	3	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25% *Location : Gymnasium*								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 50% *Location : Gymnasium*								
Vinyl Tile 9" X 9"	40%	0-2	$203,000	2035	* *	3	$6,900	
Uneven Substrate, Extent : Moderate, Area Affected : 25% *Location : Corridors*								
Worn/Eroded, Extent : Moderate, Area Affected : 25% *Location : Corridors*								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$2,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$9,700	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$14,300	
Exposed Concrete	20%			LIFE	* *	5	$1,400	
Metal Panel	5%			LIFE	* *	5	$2,900	
Plaster	50%			LIFE	* *	5	$14,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$97,700	5	$100	
Raceway								
Conduit	80%			2025	$42,000	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	60%			2024	$44,800	5	$500	
Molded Case Bkrs	30%			2033	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$39,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Heavy Corrosion								
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$341,800	10	$28,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$27,200	1	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$93,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Horns, Smoke Detector, Strobe Lights, And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$30,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$1,500	
Terminal Devices								
Air Handler	30%			2025	$49,800	1	$5,700	
Convector/Radiator	50%			2023	$145,300	1	$5,000	
Fan Coil Unit/Heat	20%			2020	$92,200	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	8%			2020	$5,100	1		
No Component	92%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$5,100	
No Component	70%							
Exhaust Fans								
Interior	30%			2020	$10,200	2	$300	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$7,200	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - Q

Asset # : 2270

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Storage Areas								
Explanation : Limited Area Served								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 38 - SI**
Address : **421 LINCOLN AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0926.000 / 4429**
Area Sq Ft : **17,000**
Date of Survey : **30-Sep-2013**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **3732** **Lot** : **6**

Agency's Number : **R838**
Yr Built/Renovated : **1955 / 2007**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5054213**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$95,200	
Electrical	$240,300	$102,100
Mechanical		$85,400
Total	**$335,400**	**$187,500**
Importance Code A	$95,200	$85,400
Importance Code B	$240,300	$102,100
Total	**$335,400**	**$187,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,900	$27,800		
Interior Architecture	$54,700		$700	$3,100
Electrical	$200	$200	$300	$16,400
Mechanical	$13,400	$5,900	$6,400	$52,800
Total	**$75,200**	**$34,000**	**$7,300**	**$72,300**
Importance Code A	$8,600	$29,500	$1,700	$1,800
Importance Code B	$33,100	$4,400	$5,600	$70,500
Importance Code C	$33,500			
Total	**$75,200**	**$34,000**	**$7,300**	**$72,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$3,000	
Masonry: Brick	60%	0-2	$5,800	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	30%			2038	* *	5	$4,800	
Windows								
Aluminum	100%			2047	* *	5	$2,200	
Roof								
Built-Up (BUR)	60%	2-4	$95,200	2035	* *			
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	40%			2038	* *	10	$25,400	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$1,300	
Vinyl Tile	95%	2-4	$10,600	2030	* *	3	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	60%	0-2	$15,500	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	40%	0-2	$18,000	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Ceilings								
AcousTile,Adhered	35%			2042	* *	5	$9,200	
Exposed Concrete	30%			LIFE	* *	5	$1,200	
Plaster	35%	0-2	$6,000	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$2,400	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$2,400	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electriacl Room								
Explanation : One 100 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$56,800	5	$100	
Fused Disc Sw	30%			2045	* *	5		
Raceway								
Conduit	70%			2025	$15,500	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	50%			2041	* *	5	$200	
Fused Disc Sw	10%			2024	$3,000	5		
Molded Case Bkrs	40%			2024	$12,000	5	$200	
Wiring								
Thermoplastic	70%			2025	$17,000	1		
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$64,200	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$1,900	
Fire/Smoke Detection								
Generic, Analog	100%			2020	$176,100			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI

Asset # : 4429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$5,400	
Conversion Equipment								
Steam Boiler	100%			2023	$85,400	1	$17,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$900	
Terminal Devices								
Convector/Radiator	80%			2030	* *	1	$4,500	
Unit Heater-Stm/HW	20%			2025	$22,700	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$2,200	2020	$10,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 9 Of 30 Units; Miscellaneous Defects With Window Units								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2020	$2,700	4	$100	
Sanitary Piping								
Cast Iron	100%	Now	$800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 10%								
Location : Clogged Roof Drain Near Classroom #7								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 38 - SI MINISCHOOL**
Address : **421 LINCOLN AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0926.010 / 1432**
Area Sq Ft : **12,000**
Date of Survey : **30-Sep-2013**
Areas Surveyed : **Roof, Floors 1**
Block : **3732** **Lot** : **6**

Agency's Number : **R838**
Yr Built/Renovated : **1970 / 2013**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5054213**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$120,400	$35,300
Electrical	$169,600	$45,300
Mechanical		$157,200
Total	**$290,000**	**$237,800**
Importance Code A	$120,400	$35,300
Importance Code B	$169,600	$202,500
Total	**$290,000**	**$237,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,200			
Interior Architecture	$47,700		$500	$2,200
Electrical	$100	$200	$300	$11,400
Mechanical	$8,000	$600	$1,800	$600
Total	**$79,100**	**$800**	**$2,500**	**$14,200**
Importance Code A	$23,800	$600	$600	$600
Importance Code B	$24,000	$200	$1,900	$13,500
Importance Code C	$31,200			
Total	**$79,100**	**$800**	**$2,500**	**$14,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$6,800	2045	* *	5	$35,300	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$120,400	2050	* *	5	$1,400	
Air Infiltration, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 35%								
Location : Classrooms								
Roof								
Metal, Corrugated	100%	Now	$16,500	2038	* *	1		
Drains Inad/Misposn, Extent : Light, Area Affected : 100%								
Location : All Drains								
Gut/DS Non Func/Miss, Extent : Light, Area Affected : 50%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$900	
Vinyl Tile	95%			2035	* *	3	$8,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%	2-4	$9,000	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Corridors								
Metal Panel	50%	0-2	$22,300	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$14,300	2030	* *	5	$8,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Explanation : Service - 400 Amps								
Raceway								
Conduit	100%			2025	$22,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2024	$1,500	5		
Molded Case Bkrs	95%			2024	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2025	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$11,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$45,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$1,300	
Fire/Smoke Detection								
Generic, Analog	100%			2020	$124,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$14,900	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$157,200	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 38 - SI MINISCHOOL

Asset # : 1432

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$5,300	LIFE	* *	2-5	$6,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : First Floor Mechanical Room - Deteriorated Fresh Air Intake Dampers								
Exhaust Fans								
Interior	80%			2025	$10,800	2	$300	
Roof	20%			2025	$1,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%	0-2	$1,900	2025	$1,900	4	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Water Heater Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 39 - BK**		
Address	: **417 6TH AVENUE @8TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K039**
Program / Asset #	: **BOE0370.000 / 2755**	**Yr Built/Renovated**	: **1877 / 2011**
Area Sq Ft	: **26,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2011**	**Landmark Status**	: **INTERIOR & EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1000** **Lot** : **1**	**BIN**	: **3021932**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$38,200
Interior Architecture	$516,500	$45,100
Electrical	$107,300	
Mechanical	$45,000	
Total	**$668,900**	**$83,300**
Importance Code A		$38,200
Importance Code B	$668,900	
Importance Code C		$45,100
Total	**$668,900**	**$83,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$23,900		
Interior Architecture	$67,300	$2,800		$500
Electrical		$23,200	$400	
Mechanical	$35,100	$39,600	$4,600	$3,700
Total	**$102,300**	**$89,400**	**$4,900**	**$4,200**
Importance Code A	$2,600	$26,600	$2,600	$2,600
Importance Code B	$39,000	$62,800	$2,300	$1,600
Importance Code C	$60,700			
Total	**$102,300**	**$89,400**	**$4,900**	**$4,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$38,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brownstone	10%			LIFE	* *	5	$3,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$12,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Cornice	100%			2038	* *	10	$17,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Asphalt Shingle	100%			2032	* *	10	$3,500	
Other Observation, Extent : Light, Area Affected : 66%								
Location : Throughout								
Explanation : Work In Progress								
Interior								
Floors								
Vinyl Tile	10%	Now	$3,700	2028	* *	3	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%			2033	* *	3	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	35%	Now	$151,400	2038	* *	5	$13,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$4,500	2026	$45,100	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$21,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	80%	Now	$34,900	LIFE	* *	5	$12,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Staircase E, F & Throughout								
Wood	7%			LIFE	* *	5	$14,000	
Ceilings								
Embossed Metal	95%	Now	$365,100	LIFE	* *	5	$17,100	
Deformed/Dented, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Plaster	5%	Now	$2,900	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$100	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	$700	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	10%			2023	$32,500	2	$100	
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$900	
Exterior Lighting								
HID	100%			2018	$107,300	10	$100	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 1500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$10,200	2033	* *	4	$1,300	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%	Now	$13,800	2028	* *	1	$7,800	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - BK

Asset # : 2755

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$45,000	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,500	
No Component	90%							
Exhaust Fans								
Interior	90%			2018	$29,100	2	$700	
Wall Unit	10%			2023	$4,400	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2049	* *	1		
Galv Iron/Steel	75%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$6,800	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 115 Gals								
Sanitary Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$2,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Backed Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2023	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 39 - SI**				
Address	: **SAND LANE & MACFARLAND AVENUE**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **R039**
Program / Asset #	: **BOE0927.000 / 1433**			**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **43,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3097**	**Lot**	: **14**	**BIN**	: **5045488**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,500	$64,600
Interior Architecture	$137,700	$262,400
Electrical	$99,900	$324,300
Mechanical	$361,000	$494,400
Total	**$696,200**	**$1,145,700**
Importance Code A	$97,500	$64,600
Importance Code B	$539,200	$1,081,100
Importance Code C	$59,500	
Total	**$696,200**	**$1,145,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$10,500
Interior Architecture	$39,100		$22,100	$3,300
Electrical	$1,700	$1,800	$1,400	$1,600
Mechanical	$14,000	$6,600	$11,100	$7,700
Total	**$54,700**	**$8,400**	**$34,700**	**$23,000**
Importance Code A	$4,400	$4,400	$4,500	$14,800
Importance Code B	$50,400	$4,000	$30,200	$8,200
Importance Code C				
Total	**$54,700**	**$8,400**	**$34,700**	**$23,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,400	
Masonry: Brick	92%	4+	$97,500	LIFE	* *	5	$64,600	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$1,600	
Windows								
Aluminum	100%			2040	* *	5	$20,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,000	
Masonry: Brick	90%			LIFE	* *	5	$8,100	
Roof								
Built-Up (BUR)	100%			2032	* *	10	$34,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,200	
Ceramic Tile	5%	Now	$6,400	2027	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet(s)								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Toilet(s)								
Quarry Tile	5%			2037	* *	5	$5,000	
Terrazzo	5%	Now	$7,700	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	4+	$22,500	2024	$225,200	3	$9,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 10%								
Location : Tiles laid over Uneven Asphaltic Base								
Vinyl Tile	5%			2034	* *	3	$1,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 2012								
Wood	35%			2039	* *	5	$43,400	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Plaster	90%	Now	$59,500	LIFE	* *	5	$22,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,000	
Plaster	90%	0-2	$78,200	LIFE	* *	5	$37,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service @ 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	90%			2024	$62,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	95%			2023	$99,400	5	$1,100	
Wiring								
Braided Cloth	65%	2-4	$59,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$40,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2024	$10,900	1		
Exit, Service	50%			2024	$6,000	1		
Exterior Lighting								
HID	100%			2024	$162,400	10	$100	
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$4,000	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$9,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$43,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	35%			2044	* *	4	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing And Boiler Room								
Explanation : New Steam And Condensate Return Piping Observed								
Steam Piping/Pump	65%			2024	$200,700	4	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing Of Building, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	45%			2022	$188,000	1	$6,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Old Wing Of The Building, The Radiators Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	15%	0-2	$6,300	2037	* *	1	$1,900	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : New Wing Of The Building, B M S System Has Not Worked Since 2001								
Fan Coil Unit/Heat	40%			2019	$264,900	1	$5,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$54,600	1		
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2029	* *	1	$4,100	
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2029	* *	2	$4,600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,700	
Exhaust Fans								
Interior	85%			2019	$41,600	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Roof	15%			2029	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2022	$105,700	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Hot And Cold Domestic Water Piping Are Beyond Their Useful Life Cycle Limit								
Water Heater								
Gas Fired	100%			2022	$10,300	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Sanitary Piping Is Beyond It's Useful Life Cycle Limit								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 39 - SI

Asset # : 1433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Sanitary Piping Is Beyond It's Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%	0-2	$200	2029	* *	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Near Boiler Pit, 1 Of 2 Sump Pump Have Defective Controls								
Backflow Preventer								
Generic	100%			2029	* *	1	$2,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 40 - BK**
Address : **265 RALPH AVENUE BTWN: MARION ST. - SUMPTER ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K040**
Program / Asset # : **BOE0371.000 / 1425** | **Yr Built/Renovated** : **1965 / 2010**
Area Sq Ft : **101,000** | **Project Type** : **EDUCATION**
Date of Survey : **14-Mar-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1518** **Lot** : **1** | **BIN** : **3041214**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$182,300
Interior Architecture	$100,900	$854,400
Electrical	$606,300	$1,348,900
Mechanical	$243,600	$255,900
Total	**$950,800**	**$2,641,600**
Importance Code A	$50,700	$224,400
Importance Code B	$900,000	$2,417,200
Total	**$950,800**	**$2,641,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$9,700		
Interior Architecture	$101,400		$5,300	$11,700
Electrical	$4,100	$3,800	$2,800	$2,900
Mechanical	$50,900	$32,600	$26,200	$16,800
Total	**$156,400**	**$46,200**	**$34,300**	**$31,400**
Importance Code A	$9,300	$20,200	$10,300	$10,300
Importance Code B	$113,900	$25,900	$24,000	$21,000
Importance Code C	$33,200			
Total	**$156,400**	**$46,200**	**$34,300**	**$31,400**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%			LIFE	* *	5	$84,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$19,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2033	* *	10	$97,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$9,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,100	
Ceramic Tile	3%			2032	* *	5	$4,700	
Terrazzo	5%	0-2	$18,100	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Steps,Throughout								
Vinyl Tile	60%	0-2	$15,900	2023	$796,000	3	$35,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 9x9 Tiles Throughout								
Vinyl Tile	27%			2028	* *	3	$15,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	0-2	$33,200	LIFE	* *	5	$24,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$7,200	2028	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	20%	Now	$100,900	2036	* *	5	$19,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Kitchen								
Embossed Metal	5%			LIFE	* *	5	$3,500	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2023	$30,500			
Plaster	60%	2-4	$24,600	LIFE	* *	5	$58,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$400	
Raceway								
Conduit	98%			2023	$204,500	1		
Conduit	2%			2049	* *	1		
Panelboards								
Fused Disc Sw	28%			2022	$50,200	5	$700	
Molded Case Bkrs	70%			2022	$125,600	5	$1,900	
Molded Case Bkrs	2%			2045	* *	5	$100	
Wiring								
Braided Cloth	98%	2-4	$292,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	2%			2049	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$500	
Locally Mounted	20%			2036	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$95,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$70,300	10	$12,600	
Exit, Service	50%			2023	$14,100	1		
Exterior Lighting								
HID	100%			2023	$381,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$91,700	1	$11,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$313,800	1-3	$18,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	2%	Now	$5,100	2053	* *	5	$300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Defective Steam To Oil Heat Exchanger,2 Of 2 Defective Petrometers								
Fuel Oil No 6	98%			2033	* *	5	$31,600	
Conversion Equipment								
Steam Boiler	10%	0-2	$50,700	2043	* *	1	$9,300	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Deteriorating Refractory In 1 Of 2 Boiler Fire Box								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Defective Boiler Burner Blower								
Steam Boiler	90%			2028	* *	1	$92,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	1%	0-2	$7,300	2053	* *	4	$100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Condesate Pumps								
Steam Piping/Pump	99%			2033	* *	4	$7,600	
Terminal Devices								
Air Handler	20%			2023	$112,400	1	$12,900	
Convector/Radiator	2%	Now	$19,700	2043	* *	1	$600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classroom, Defective Temperature Control System								
Convector/Radiator	78%			2028	* *	1	$26,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2018	$192,900	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,100	
Exhaust Fans								
Interior	20%			2023	$23,000	2	$600	
Roof	80%			2023	$66,300	2	$2,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$24,300	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2028	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - BK

Asset # : 1425

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$2,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Fire Pump								
Generic	100%			2026	$77,200	1	$19,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fire Pump Serves Existing Sprinkler System								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 40 - M**
Address : **319 EAST 19 STREET @ 2ND AVE.**
Borough : **MANHATTAN**
Agency's Number : **M040**
Program / Asset # : **BOE0021.000 / 1662**
Yr Built/Renovated : **1899 / 2013**
Area Sq Ft : **95,000**
Project Type : **EDUCATION**
Date of Survey : **02-May-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **925** **Lot** : **12** **BIN** : **1020513**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$860,000	$472,600
Interior Architecture	$726,200	$68,600
Electrical	$1,846,600	$255,100
Mechanical	$188,800	$1,021,100
Total	**$3,621,600**	**$1,817,400**
Importance Code A	$860,000	$472,600
Importance Code B	$2,761,600	$1,344,700
Total	**$3,621,600**	**$1,817,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,000		$32,100	
Interior Architecture	$36,400	$8,200	$14,600	$8,200
Electrical	$29,600	$2,700	$20,600	$2,300
Mechanical	$4,200	$11,800	$11,800	$4,900
Total	**$73,200**	**$22,700**	**$79,100**	**$15,400**
Importance Code A	$3,000	$2,900	$32,300	
Importance Code B	$41,400	$15,200	$46,800	$15,400
Importance Code C	$28,800	$4,600		
Total	**$73,200**	**$22,700**	**$79,100**	**$15,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$354,600	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2044	* *	10	$21,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Masonry: Brick	65%			LIFE	* *	5	$118,000	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$860,000	2040	* *	5	$25,700	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Various Locations Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 40%								
Location : Various Locations Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2059	* *	5	$3,200	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$10,600	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	5%			2037	* *	5-10	$5,100	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	55%			2029	* *	10	$28,000	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2029	* *	10	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Paver: Asphalt	20%			2033	* *	10	$15,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Slate	20%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$7,600	LIFE	* *	5	$32,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Of 1925 Wing								
Ceramic Tile	5%			2033	* *	5	$7,300	
Mosaic Tile	5%			2029	* *	5	$18,300	
Vinyl Tile	30%			2019	$373,100	3	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	45%	Now	$111,900	2029	* *	3	$24,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Wood	5%	Now	$241,200	2064	* *	5	$6,900	
Deflection Evident, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Patching Evident, Extent : Severe, Area Affected : 40%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%	Now	$28,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Of 1925 Wing								
Ceramic Tile	5%			2033	* *	5	$9,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$30,000	
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$5,700	
Plaster	75%			LIFE	* *	5	$68,600	
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2044	* *	5	$200	
Fused Knife Sw	60%	2-4	$102,600	2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room								
Explanation : Obsolete								
Raceway								
Conduit	60%			2024	$103,600	1		
Conduit	40%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	30%			2040	* *	5	$800	
Molded Case Bkrs	55%			2023	$98,700	5	$1,400	
Wiring								
Braided Cloth	60%	2-4	$153,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$400	
Locally Mounted	30%	2-4	$22,700	2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%	2-4	$4,800	LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Water Main								
Explanation : Coroded								
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	$17,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor								
Explanation : T-8 Lamps								
Fluorescent	70%			2019	$759,800	10	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Floors 1, 2, 3, And 4								
Explanation : T-12 Lamps								
Incandescent	10%			2019	$108,500	2	$200	
Egress Lighting								
Emergency, Service	15%			2029	* *	1		
Emergency, Battery	35%			2019	$46,100	10	$8,300	
Exit, Service	15%			2029	* *	1		
Exit, Service	35%			2019	$9,200	1		
Exterior Lighting								
HID	70%			2019	$251,200	10	$200	
HID	30%			2029	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$344,400	1-3	$20,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2034	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2033	* *	5	$5,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - M

Asset # : 1662

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$68,200	2034	* *	4	$4,800	
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Thermostats, Various Areas								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : South Part Of Building								
Terminal Devices								
Air Handler	20%			2032	* *	1	$12,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : For Auditorium And Cafeteria								
Convector/Radiator	65%			2022	$600,000	1	$20,500	
Fan Coil Unit/Heat	15%			2024	$219,500	1	$4,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	15%			2029	* *	2	$900	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 3 Units, Roof								
Window/Wall Unit	60%			2019	$120,500	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,500	
Exhaust Fans								
Roof	20%			2029	* *	2	$600	
Not Accessible	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$87,600	1		
HW Heat Exchanger								
Low Temp	100%			2050	* *	4	$14,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2024	$114,100	1-2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 40 - Q**		
Address	: **109-20 UNION HALL STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q040**
Program / Asset #	: **BOE0700.000 / 2271**	**Yr Built/Renovated**	: **1912 / 2014**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **12151** **Lot** : **1**	**BIN**	: **4263341**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$757,700	$225,000
Interior Architecture	$1,279,000	$129,400
Electrical	$306,600	$274,400
Mechanical	$624,100	$457,700
Total	**$2,967,300**	**$1,086,400**
Importance Code A	$757,700	$225,000
Importance Code B	$2,209,700	$820,400
Importance Code C		$41,100
Total	**$2,967,300**	**$1,086,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,500			$2,700
Interior Architecture	$11,200		$3,900	$27,900
Electrical	$40,400	$1,500	$1,100	$12,800
Mechanical	$19,100	$17,800	$24,300	$41,300
Total	**$98,200**	**$19,200**	**$29,400**	**$84,700**
Importance Code A	$37,900	$10,400	$10,400	$13,100
Importance Code B	$60,300	$8,800	$19,000	$71,600
Importance Code C				
Total	**$98,200**	**$19,200**	**$29,400**	**$84,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$45,700	
Masonry: Brick	60%	Now	$705,800	LIFE	* *	5	$117,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Arched Brick At East Side								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Arched Brick Above Fifth Floor Windows								
Masonry: Brick	32%			LIFE	* *	5	$62,400	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1940 Wing								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1940 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Windows								
Aluminum	100%			2047	* *	5	$55,100	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$8,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1912 Wing								
Masonry: Limestone	2%			LIFE	* *	5	$400	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,700	
Under Construction	35%							
Roof								
Built-Up (BUR)	50%			2030	* *	10	$27,300	
Built-Up (BUR)	45%			2030	* *	10	$24,600	
Copper/Terne	2%			2040	* *	10	$2,700	
Copper/Terne	3%			2053	* *	10	$4,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,400	
Ceramic Tile	5%			2034	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$6,100	
Traffic Topping	3%	Now	$58,400	2035	* *	5	$2,900	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	10%	Now	$133,500	2035	* *	3	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor, Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor								
Vinyl Tile 9" X 9"	57%			2020	$986,000	3	$44,800	
Wood	10%			2040	* *	5	$29,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Folding Partition	5%			2041	* *	5	$24,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$41,100	
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Room 502 And Various Others								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Concrete	10%	Now	$101,100	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Storage Room In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Storage Room In Basement								
Plaster	90%			LIFE	* *	5	$88,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 502, 506 & Various Others, Stair E / F								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	70%			2025	$146,100	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Molded Case Bkrs	95%			2047	* *	5	$2,600	
Wiring								
Braided Cloth	5%	2-4	$14,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	95%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2038	* *	5	$200	
Locally Mounted	50%			2023	$57,600	5	$300	
Locally Mounted	20%	2-4	$23,000	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	99%			2030	* *	10	$95,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2020	$11,700	2		
Egress Lighting								
Emergency, Battery	50%			2025	$70,800	10	$12,700	
Exit, Service	50%			2025	$14,200	1		
Exterior Lighting								
HID	100%			2033	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$211,300	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 40 - Q

Asset # : 2271

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$103,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$36,600	2035	* *	4	$5,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	50%			2020	$282,900	1	$32,400	
Convector/Radiator	40%			2023	$396,400	1	$13,600	
Fan Coil Unit/Heat	10%			2020	$157,100	1	$3,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$43,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,500	
Exhaust Fans								
Interior	90%			2020	$104,400	2	$2,900	
Roof	10%			2025	$8,300	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$24,400	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 3%								
Location : Drive Way								
Explanation : Water Backup At The Front Entrance Of Drive Way When It Rains Heavily								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$9,900	1	$6,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$61,300	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 40 - Q
Asset # : 2271

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 41 - BK**
Address : **411 THATFORD AVENUE BTWN: NEWPORT ST., RIVERDALE AVE**
Borough : **BROOKLYN**
Agency's Number : **K041**
Program / Asset # : **BOE0372.000 / 1411**
Yr Built/Renovated : **1965 / 2014**
Area Sq Ft : **91,000**
Project Type : **EDUCATION**
Date of Survey : **09-Apr-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3604** **Lot** : **1**
BIN : **3082389**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$106,800	$856,400
Interior Architecture	$1,192,400	
Electrical	$178,900	$654,200
Mechanical	$463,900	$880,800
Total	**$1,941,900**	**$2,391,500**
Importance Code A	$106,800	$1,350,700
Importance Code B	$1,835,100	$1,040,800
Total	**$1,941,900**	**$2,391,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,700			
Interior Architecture	$87,000	$900	$2,100	$17,000
Electrical	$700	$1,300	$1,600	$1,100
Mechanical	$25,300	$18,000	$29,900	$36,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$125,600**	**$24,100**	**$37,500**	**$58,200**
Importance Code A	$18,000	$9,300	$9,300	$9,500
Importance Code B	$48,300	$14,800	$28,200	$48,700
Importance Code C	$59,300			
Total	**$125,600**	**$24,100**	**$37,500**	**$58,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$19,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	93%			LIFE	* *	5	$72,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$1,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$17,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$3,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	50%			2038	* *	5-10	$115,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	25%			LIFE	* *	5	$20,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	Now	$36,900	2025	$738,900			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 10%								
Location : Various Areas On All Roofs								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceramic Tile	3%			2034	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	5%			2030	* *	3	$2,600	
Vinyl Tile 9" X 9"	77%			2020	$1,192,400	3	$54,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$34,300	2034	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,000	
Gypsum Board	10%			LIFE	* *	5	$7,500	
Plaster	50%	0-2	$24,900	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	0-2	$14,200	2030	* *	5	$21,900	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
AcousTileSusp.Lay-In	5%			2030	* *	5	$7,000	
Exposed Concrete	55%			LIFE	* *	5	$12,100	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$8,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$136,800	5	$300	
Fused Disc Sw	20%			2035	* *	5	$100	
Raceway								
Conduit	80%			2025	$138,100	1		
Conduit	10%			2035	* *	1		
Conduit	10%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	20%			2033	* *	5	$500	
Molded Case Bkrs	70%			2024	$125,600	5	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$86,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2035	* *	1		
Exit, Battery	50%			2035	* *	10	$3,200	
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Outside								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$55,100	1	$6,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$231,300	5	$29,100	
Conversion Equipment								
Steam Boiler	100%			2023	$457,200	1	$93,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$196,700	2035	* *	4	$4,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2025	$126,600	1	$14,500	
Convector/Radiator	75%	0-2	$199,600	2030	* *	1	$20,500	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2020	$67,600	1		
Window/Wall Unit	5%			2025	$9,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	25%			2025	$26,000	2	$700	
Roof	75%	Now	$5,600	2025	$56,000	2	$1,700	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2030	* *	1	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BK

Asset # : 1411

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	1%			2035	* *	1-2	$300	
Generic	9%			2055	* *	1-2	$2,400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 41 - M**		
Address	: **116 WEST 11 STREET BTWN: AVENUE OF THE AMERICAS,**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M041**
Program / Asset #	: **BOE0022.000 / 692**	**Yr Built/Renovated**	: **1958 / 2014**
Area Sq Ft	: **81,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-May-2014**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **606** **Lot** : **49**	**BIN**	: **1010543**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$104,300	$503,100
Interior Architecture	$598,600	$49,000
Electrical	$1,574,500	$303,500
Mechanical	$46,600	$364,900
Total	**$2,324,100**	**$1,220,500**
Importance Code A	$104,300	$503,100
Importance Code B	$2,219,800	$717,400
Total	**$2,324,100**	**$1,220,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$5,100
Interior Architecture	$38,000	$4,700	$1,900	$27,500
Electrical	$900	$1,200	$1,000	$24,800
Mechanical	$13,900	$12,600	$37,400	$24,700
Total	**$52,800**	**$18,500**	**$40,200**	**$82,100**
Importance Code A	$8,200	$8,200	$8,200	$13,500
Importance Code B	$44,600	$10,300	$30,100	$68,600
Importance Code C			$1,900	
Total	**$52,800**	**$18,500**	**$40,200**	**$82,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$39,900	
Masonry: Brick	35%			LIFE	* *	5	$29,800	
Metal/Glass Curt Wall	52%			LIFE	* *	5	$82,900	
Window Wall	3%			2045	* *	5	$9,600	
Windows								
Aluminum	75%			2041	* *	5	$22,500	
Glass Block	5%			LIFE	* *	5	$900	
Steel	20%			2024	$342,700	5	$75,100	
Parapets								
Glazed Ceramic Panel	2%			2045	* *	5-10	$2,700	
Masonry: Brick	85%			LIFE	* *	5	$10,900	
Pre-Cast Concrete	13%			LIFE	* *	5	$10,400	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$66,800	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Main Roof								
Explanation : Note: Greenroof Under Construction								
Copper/Terne	5%			2053	* *	10	$8,800	
Interior								
Floors								
Cast in Place Concrete	18%			LIFE	* *	5	$49,000	
Ceramic Tile	5%	Now	$6,600	2034	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	0-2	$6,300	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2030	* *	3	$14,000	
Vinyl Tile 9" X 9"	40%	2-4	$598,600	2035	* *	3	$18,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2040	* *	5	$11,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2034	* *	5	$3,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$15,000	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$25,100	2030	* *	5	$6,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	20%			2030	* *	5	$30,900	
Exposed Concrete	50%			LIFE	* *	5	$9,700	
Plaster	20%			LIFE	* *	5	$15,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$300	
Raceway								
Conduit	95%			2025	$179,100	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,800	5	$100	
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	90%			2050	* *	5	$1,900	
Wiring								
Braided Cloth	65%	2-4	$181,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2025	$41,900	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$82,500	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	2%			2020	$20,200	10	$1,500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	8%			2035	* *	10	$6,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
Fluorescent	90%			2020	$907,400	10	$68,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2020	$61,200	10	$10,000	
Exit, Service	50%			2020	$12,200	1		
Exterior Lighting								
HID	100%			2020	$334,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$9,100	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$25,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$82,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2025	$97,900	1	$10,300	
Convector/Radiator	80%			2038	* *	1	$21,500	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2026	$180,800	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Window/Wall Unit	25%			2020	$46,600	1		
No Component	65%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$10,800	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2033	* *	2	$5,800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	50%			2025	$50,200	2	$1,300	
Roof	50%			2025	$36,100	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,100	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious Type With Storage Tank								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$7,300	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - M

Asset # : 692

Mechanical	Current Repair			Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
No Component	80%								
Generic	20%			2035	* *		1-2	$4,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Serves Basement Only									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 41 - Q**
Address : **214-43 35 AVENUE**
Borough : **QUEENS** | **Agency's Number** : **Q041**
Program / Asset # : **BOE0701.000 / 2272** | **Yr Built/Renovated** : **1916 / 2009**
Area Sq Ft : **56,000** | **Project Type** : **EDUCATION**
Date of Survey : **21-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3**
Block : **6121** **Lot** : **1** | **BIN** : **4135975**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,000	$118,100
Interior Architecture	$379,900	$53,900
Electrical	$354,600	$368,500
Mechanical	$195,700	$821,300
Total	**$975,200**	**$1,361,700**
Importance Code A	$45,000	$118,100
Importance Code B	$930,200	$1,243,700
Total	**$975,200**	**$1,361,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,200			
Interior Architecture	$4,300	$13,400	$2,200	$20,500
Electrical	$16,300	$800	$1,200	$6,600
Mechanical	$21,800	$8,800	$13,000	$7,900
Total	**$54,700**	**$23,000**	**$16,300**	**$35,000**
Importance Code A	$18,000	$5,700	$5,700	$5,800
Importance Code B	$36,800	$6,600	$10,600	$29,200
Importance Code C		$10,700		
Total	**$54,700**	**$23,000**	**$16,300**	**$35,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$35,700	
Masonry: Brick	90%			LIFE	* *	5	$82,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Windows								
Aluminum	10%			2041	* *	5	$2,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Cafeteria								
Aluminum	90%			2047	* *	5	$24,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,500	
Masonry: Brick Cavity	90%			LIFE	* *	5	$10,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$45,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$18,900	
Ceramic Tile	5%			2034	* *	5	$4,300	
Vinyl Tile	25%			2030	* *	3	$8,100	
Vinyl Tile 9" X 9"	40%			2020	$379,900	3	$17,200	
Wood	20%			2040	* *	5	$32,300	
Interior Walls								
Ceramic Tile	20%			2028	* *	5	$21,500	
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$24,200	
Ceilings								
Plaster	100%			LIFE	* *	5	$53,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Knife Sw	15%	2-4	$15,700	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	5%			2041	* *	5	$100	
Molded Case Bkrs	75%			2024	$78,500	5	$1,100	
Wiring								
Braided Cloth	75%	2-4	$130,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$50,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2025	$32,000	10	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircases And Toilet Rooms								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$5,600	
Exit, Service	60%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$174,000	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$57,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$402,200	4	$4,300	
Terminal Devices								
Air Handler	20%			2020	$62,100	1	$7,100	
Convector/Radiator	70%			2023	$380,900	1	$13,000	
Fan Coil Unit/Heat	10%			2020	$86,300	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$47,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,100	
Exhaust Fans								
Interior	60%	Now	$11,500	2025	$38,200	2	$800	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Fan Room								
Roof	40%			2025	$18,300	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	Now	$700	2023	$34,400	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement Lunch Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - Q

Asset # : 2272

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$13,400	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$20,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 41 - SI**
Address : **CLAWSON ST & LOCUST AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0929.000 / 1436**
Area Sq Ft : **65,000**
Date of Survey : **13-Mar-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3639** **Lot** : **35**

Agency's Number : **R041**
Yr Built/Renovated : **1924 / 2007**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5052659**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,000	$51,600
Interior Architecture	$362,100	$303,900
Electrical	$1,062,700	$770,500
Mechanical	$68,500	$337,900
Total	**$1,560,300**	**$1,463,900**
Importance Code A	$67,000	$88,600
Importance Code B	$1,493,300	$1,375,300
Total	**$1,560,300**	**$1,463,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$11,300	
Interior Architecture	$77,700			$3,100
Electrical	$17,600	$35,500	$1,800	$1,800
Mechanical	$45,300	$35,300	$15,800	$9,500
Total	**$140,600**	**$70,800**	**$28,900**	**$14,400**
Importance Code A	$22,500	$6,700	$17,900	$6,600
Importance Code B	$118,100	$64,000	$11,000	$7,800
Importance Code C				
Total	**$140,600**	**$70,800**	**$28,900**	**$14,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$23,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
Masonry: Brick	85%			LIFE	* *	5	$51,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
Masonry: Granite	10%			LIFE	* *	5	$4,600	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
Windows								
Aluminum	100%			2039	* *	5	$22,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
Masonry: Brick	90%			LIFE	* *	5	$11,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
Roof								
Copper/Terne	5%			2051	* *	10	$8,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2007, Throughout								
IRMA/Protected Membrane	95%			2028	* *	10	$67,000	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : 2007, Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$2,100	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$5,000	
Marble Panels	5%			LIFE	* *	5	$3,700	
Vinyl Tile	25%	Now	$21,200	2023	$212,100	3	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	55%	Now	$362,100	2038	* *	5	$51,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$18,100	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$20,100	
Ceilings								
AcousTileConcealSpLn	25%	Now	$20,000	2028	* *	5	$15,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%	Now	$31,900	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Horizontal Crack In Beam Supporting Main Entrance Stair								
Plaster	65%			LIFE	* *	5	$40,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	15%			2031	* *	5	$300	
Molded Case Bkrs	75%			2022	$100,900	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2033	* *	1		
Thermoplastic	15%			2023	$26,100	1		
Motor Controllers								
Locally Mounted	40%			2021	$30,200	5	$200	
Locally Mounted	40%			2028	* *	5	$200	
Locally Mounted	20%	2-4	$15,100	2043	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2018	$666,600	10	$55,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Exit & Entrance Hallway, Room 304								
Explanation : T-8 Lamps								
HID	2%			2018	$10,600	10		
Incandescent	3%			2018	$22,200	2		
Egress Lighting								
Emergency, Battery	50%			2023	$45,000	10	$8,000	
Exit, Service	50%			2023	$9,000	1		
Exterior Lighting								
HID	100%			2023	$245,500	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	$53,800	5	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$7,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$202,000	1-3	$12,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$20,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	5%	Now	$16,200	2043	* *	1	$3,000	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, 1 Of 2 Defective Boiler Oil Burners								
Steam Boiler	95%			2028	* *	1	$62,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - SI

Asset # : 1436

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$4,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$71,900	1	$8,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	60%			2028	* *	1	$12,900	
Fan Coil Unit/Heat	20%			2023	$199,700	1	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$3,400	2018	$68,500	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Various Classrooms								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,200	
Exhaust Fans								
Interior	90%			2023	$66,300	2	$1,800	
Roof	10%			2023	$5,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$15,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%	Now	$14,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Toilet Room, Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$1,900	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 42 - M**				
Address	: **71 HESTER STREET BTWN ORCHARD ST. - LUDLOW ST.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M042**
Program / Asset #	: **BOE0023.000 / 1663**			**Yr Built/Renovated**	: **1899 / 2009**
Area Sq Ft	: **74,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **309**	**Lot**	: **1**	**BIN**	: **1003998**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$237,500	$437,600
Interior Architecture	$543,100	$306,300
Electrical	$569,500	$1,346,300
Mechanical	$125,200	$806,500
Total	**$1,475,200**	**$2,896,700**
Importance Code A	$237,500	$456,100
Importance Code B	$1,179,000	$2,440,600
Importance Code C	$58,700	
Total	**$1,475,200**	**$2,896,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$31,800	$3,600	$7,100	$10,000
Electrical	$1,100	$2,400	$10,700	$2,200
Mechanical	$50,700	$10,300	$19,100	$11,900
Total	**$83,600**	**$16,300**	**$36,900**	**$24,100**
Importance Code A	$7,500	$7,500	$7,700	$7,500
Importance Code B	$76,100	$8,700	$29,200	$16,500
Importance Code C				
Total	**$83,600**	**$16,300**	**$36,900**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$110,500	
Masonry: Brick	90%			LIFE	* *	5	$127,300	
Windows								
Wood	100%			2040	* *	5	$399,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$37,600	
Copper/Terne	5%			2052	* *	10	$5,000	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$3,400	
Mosaic Tile	2%	Now	$27,300	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance								
Vinyl Tile	20%			2032	* *	3	$11,400	
Vinyl Tile	50%	Now	$484,300	2034	* *	3	$21,400	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	25%			2024	$242,200	3	$10,700	
Interior Walls								
Ceramic Tile	5%	Now	$58,700	2027	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout Toilet Rooms								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,800	
Masonry: Brick	15%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$25,500	
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	$28,400	
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$14,200	
Plaster	90%			LIFE	* *	5	$64,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$73,300	5	$200	
Fused Disc Sw	50%			2044	* *	5	$200	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	75%			2023	$100,900	5	$1,500	
Wiring								
Braided Cloth	40%	2-4	$69,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2024	$69,600	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$400	
Locally Mounted	20%			2022	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	99%			2024	$837,000	10	$69,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	1%			2019	$8,500	2		
Egress Lighting								
Emergency, Battery	50%			2024	$51,300	10	$9,200	
Exit, Service	50%			2024	$10,300	1		
Exterior Lighting								
HID	100%			2019	$279,500	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$67,200	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	2-4	$153,300	2034	* *	1-3	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extended Life; Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Using #2 Oil Only Due To Undersized Gas Piping								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$75,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$26,600	2034	* *	4	$3,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Convector/Radiator	90%			2022	$647,100	1	$22,100	
Fan Coil Unit/Heat	10%	Now	$5,700	2024	$114,000	1	$2,200	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Basement								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$125,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,200	
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - M

Asset # : 1663

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2019	$8,400	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$45,500	1		
Water Heater								
Gas Fired	100%			2022	$17,700	2	$1,100	
Sanitary Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Area								
Explanation : The Boiler Drains Are Undersized								
Storm Drain Piping								
Cast Iron	100%	Now	$5,300	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Water Backs Up From Storm Drain When It Rains Due To Undersized Drain Pipe								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$26,700	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 42 - Q**				
Address	: **488 BEACH 66 STREET @THURSBY AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q042**
Program / Asset #	: **BOE0702.000 / 2803**			**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **121,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **16039**	**Lot**	: **14**	**BIN**	: **4302817**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,600	$386,100
Interior Architecture	$805,200	$770,600
Electrical	$89,500	$294,700
Mechanical	$64,000	$783,200
Total	**$994,300**	**$2,234,500**
Importance Code A	$35,600	$779,900
Importance Code B	$847,000	$1,092,800
Importance Code C	$111,700	$361,800
Total	**$994,300**	**$2,234,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$26,700	$22,900	
Interior Architecture	$2,300	$66,300		$2,300
Electrical	$7,100	$7,300	$8,300	$7,900
Mechanical	$45,500	$47,000	$27,900	$16,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$64,800**	**$157,200**	**$69,000**	**$37,000**
Importance Code A	$10,000	$36,800	$33,300	$10,200
Importance Code B	$54,800	$114,600	$35,700	$26,800
Importance Code C		$5,800		
Total	**$64,800**	**$157,200**	**$69,000**	**$37,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$138,700	
Masonry: Brick	30%			LIFE	* *	5	$69,400	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition								
Masonry: Limestone	5%			LIFE	* *	5	$8,700	
Stucco Cement	5%			2028	* *	5	$28,900	
Windows								
Aluminum	70%			2039	* *	5	$45,700	
Aluminum	30%			2048	* *	5	$19,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Wing								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$11,000	
Masonry: Brick	25%			LIFE	* *	5	$4,200	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition								
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Rail	2%			2043	* *	5-10	$6,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,200	
Roof								
Built-Up (BUR)	60%	Now	$35,600	2023	$178,000			
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : 1925 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Auditorium								
Copper/Terne	5%			2063	* *	10	$8,100	
IRMA/Protected Membrane	35%			2033	* *	10	$22,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Wing								
Interior								
Floors								
Ceramic Tile	5%			2026	$180,500	5	$9,300	
Ceramic Tile	5%			2038	* *	5	$9,300	
Marble Panels	3%			LIFE	* *	5	$4,200	
Terrazzo	2%			LIFE	* *	5	$2,900	
Vinyl Tile	10%			2023	$158,400	3	$9,300	
Vinyl Tile	40%			2018	$633,600	3	$27,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1925 Wing								
Explanation : 9x9 Tiles								
Vinyl Tile	25%			2033	* *	3	$17,500	
Wood	5%			2038	* *	5	$17,500	
Wood	5%			2063	* *	5	$17,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$320,100	5	$11,600	
Ceramic Tile	5%			2038	* *	5	$11,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Gypsum Board	15%			LIFE	* *	5	$20,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	Now	$111,700	LIFE	* *	5	$41,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Exit								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout North And South Exterior Walls, Boiler Room Exit								
Ceilings								
AcousTileSusp.Lay-In	25%			2043	* *	5	$46,600	
Exposed Concrete	10%	Now	$59,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$7,000	
Plaster	60%			LIFE	* *	5	$69,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Contact Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$500	
Raceway								
Conduit	65%			2023	$135,600	1		
Conduit	35%			2049	* *	1		
Panelboards								
Molded Case Bkrs	65%			2031	* *	5	$2,100	
Molded Case Bkrs	35%			2045	* *	5	$1,100	
Wiring								
Braided Cloth	30%	2-4	$89,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	35%			2033	* *	1		
Thermoplastic	35%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	40%			2021	$46,000	5	$300	
Locally Mounted	60%			2040	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible; Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$37,200	
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	1%			2031	* *	10	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Cfl (Compact Fluorescent Lamps)								
Fluorescent	98%			2031	* *	10	$111,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2023	$13,800	2		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
No Component	50%							
Generic	50%			2058	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Section Roof Only								
Explanation : Copper								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance Camera And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	65%			2023	$199,300	5	$25,100	
Natural Gas	35%			2053	* *	1		
Conversion Equipment								
Furnace	35%			2033	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 35%								
Location : New Wings Roofs								
Explanation : 4 Roof Top Package Units								
Steam Boiler	65%	Now	$7,900	2021	$393,800	1	$72,100	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : #1 & #3 Burners Are Down Frequently								
Distribution								
Steam Piping/Pump	65%			2033	* *	4	$6,000	
No Component	35%							
Terminal Devices								
Air Handler	15%			2023	$100,700	1	$11,500	
Convector/Radiator	50%			2028	* *	1	$20,100	
No Component	35%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2033	* *	2	$2,700	
R-134a Refrigerant, Extent : Light, Area Affected : 35%								
Location : 4 Roof Top Package Units On New Wing Roofs								
Window/Wall Unit	25%			2017	$64,000	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Various Locations In Old Wing								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2-5	$45,100	
Ductwork/Diffusers	35%			LIFE	* *	2-5	$24,300	
Exhaust Fans								
Interior	65%			2023	$89,400	2	$2,500	
Roof	35%			2033	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	65%			2033	* *	1		
Brass/Copper	35%			2053	* *	1		
Water Heater								
Electric	65%			2018	$12,500	4	$700	
Gas Fired	35%			2023	$10,100	2	$600	
Sanitary Piping								
Cast Iron	100%	Now	$13,500	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 5%								
Location : School Yard								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Near The Hot Water Heater, Basement								
Backflow Preventer								
No Component	65%							
Generic	35%			2033	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-6								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - Q

Asset # : 2803

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	65%							
Generic	35%			2053	* *	1-5	$22,800	
Sprinkler								
No Component	65%							
Generic	35%			2053	* *	1-2	$12,200	
Fire Pump								
No Component	65%							
Generic	35%			2038	* *	1	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 42 - SI**
Address : **380 GENESEE AVENUE @WAINWRIGHT AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R042**
Program / Asset # : **BOE0967.000 / 1184**
Yr Built/Renovated : **1968 / 2012**
Area Sq Ft : **63,000**
Project Type : **EDUCATION**
Date of Survey : **15-Feb-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5605** **Lot** : **1**
BIN : **5074394**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$77,800	$97,900
Interior Architecture	$42,500	$822,600
Electrical	$251,800	$968,600
Mechanical	$46,600	$1,300,100
Total	**$418,700**	**$3,189,200**
Importance Code A	$77,800	$404,600
Importance Code B	$340,900	$2,784,600
Total	**$418,700**	**$3,189,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$14,800	$11,500		
Electrical	$27,900	$700	$17,200	$1,200
Mechanical	$55,700	$9,800	$15,700	$16,100
Total	**$98,300**	**$22,100**	**$32,900**	**$17,300**
Importance Code A	$15,300	$6,200	$6,400	$6,200
Importance Code B	$81,300	$15,800	$26,500	$11,100
Importance Code C	$1,700			
Total	**$98,300**	**$22,100**	**$32,900**	**$17,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$15,200	
Masonry: Brick	70%			LIFE	* *	5	$45,300	
Pre-Cast Concrete	25%			LIFE	* *	5	$52,600	
Windows								
Aluminum	100%			2046	* *	5	$14,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$3,500	
Pre-Cast Concrete	60%			LIFE	* *	5	$32,800	
Roof								
IRMA/Protected Membrane	100%			2029	* *	10	$77,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Ceramic Tile	3%			2027	* *	5	$3,000	
Vinyl Tile	92%			2024	$782,100	3	$34,500	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Plaster	57%			LIFE	* *	5	$19,400	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	0-2	$11,600	2029	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	65%	0-2	$42,500	LIFE	* *	5	$40,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	20%			2044	* *	1		
Conduit	10%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$6,700	5	$100	
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Knife Sw	20%	2-4	$26,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2049	* *	5	$200	
Molded Case Bkrs	60%			2040	* *	5	$1,000	
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2054	* *	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	85%			2024	$594,800	10	$49,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	15%			2019	$105,000	2	$200	
Egress Lighting								
Emergency, Battery	50%			2019	$42,500	10	$7,600	
Exit, Service	50%			2019	$8,500	1		
Exterior Lighting								
HID	100%			2024	$237,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$7,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
** *Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$46,600	2034	* *	5	$9,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upgrade Is Needed								
Conversion Equipment								
Steam Boiler	100%	Now	$15,300	2022	$306,700	1	$56,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Burners								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$439,900	4	$3,100	
Terminal Devices								
Air Handler	30%			2024	$101,900	1	$11,700	
Convector/Radiator	70%			2022	$416,600	1	$14,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2017	$32,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,100	
Exhaust Fans								
Interior	30%			2024	$20,900	2	$600	
Roof	70%	Now	$1,800	2024	$35,100	2	$1,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And 3 Classrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	30%	Now	$2,800	2034	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Water Main								
Galv Iron/Steel	70%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$19,500	4	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI

Asset # : 1184

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$900	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 42 - SI ANNEX**		
Address	: **25 AUGUSTA AVENUE @RICHMOND AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R848**
Program / Asset #	: **BOE0967.010 / 1185**	**Yr Built/Renovated**	: **1926 / 2012**
Area Sq Ft	: **23,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5605** **Lot** : **1**	**BIN**	: **5130512**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$150,100
Electrical	$356,200	$92,600
Mechanical		$38,200
Total	**$356,200**	**$280,900**
Importance Code B	$356,200	$280,900
Total	**$356,200**	**$280,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,900		$5,300	
Interior Architecture	$53,600	$2,200	$2,200	
Electrical	$900	$600	$56,400	$1,100
Mechanical	$6,800	$4,100	$34,300	$5,500
Total	**$76,100**	**$6,900**	**$98,200**	**$6,600**
Importance Code A	$17,200	$2,300	$7,700	$2,300
Importance Code B	$38,100	$4,600	$90,600	$4,200
Importance Code C	$20,800			
Total	**$76,100**	**$6,900**	**$98,200**	**$6,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,600	
Masonry: Brick	90%			LIFE	* *	5	$15,300	
Masonry: Granite	5%			LIFE	* *	5	$600	
Windows								
Aluminum	100%	Now	$14,900	2040	* *	5	$3,600	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$11,700	
No Component	75%							
Roof								
Asphalt Shingle	95%			2039	* *	10	$5,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	5%			2024	$7,600	10	$1,700	
Interior								
Floors								
Asphalt Poured	25%			2029	* *	5	$4,400	
Cast in Place Concrete	25%	Now	$4,600	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Vinyl Tile	50%			2024	$150,100	3	$6,600	
Interior Walls								
Cast in Place Concrete	5%	Now	$5,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Cast Stone/Terra Cotta	5%	Now	$3,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Plaster	85%	Now	$12,100	LIFE	* *	5	$9,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement And Exit #4								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Concrete	25%	Now	$28,200	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Plaster	75%			LIFE	* *	5	$16,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Molded Case Bkrs	90%			2040	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$46,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2019	$222,800	10	$18,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2029	* *	10	$2,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2019	$13,100	2		
Egress Lighting								
Emergency, Battery	50%			2019	$15,900	10	$2,800	
Exit, Service	50%			2019	$3,200	1		
Exterior Lighting								
HID	100%			2019	$86,900	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$4,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$1,200	
Terminal Devices								
Air Handler	30%	Now	$1,900	2024	$38,200	1	$3,900	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Convector/Radiator	60%			2029	* *	1	$4,600	
Unit Heater-Stm/HW	10%			2019	$15,200	4	$200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$12,100	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,200	
Exhaust Fans								
Interior	100%	Now	$1,300	2024	$26,100	2	$600	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Attic								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$5,500	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - SI ANNEX

Asset # : 1185

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$300	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 43 - Q (TANDEM P. S. 256 - Q)**		
Address	: **160 BEACH 29 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q043**
Program / Asset #	: **BOE0987.000 / 4470**	**Yr Built/Renovated**	: **1996 / 2015**
Area Sq Ft	: **133,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **15820** **Lot** : **1**	**BIN**	: **4467711**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$151,600	$134,900
Interior Architecture	$132,300	
Electrical		$119,500
Mechanical	$680,400	$1,121,100
Total	**$964,400**	**$1,375,500**
Importance Code A	$799,000	$134,900
Importance Code B	$165,300	$1,240,600
Total	**$964,400**	**$1,375,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,200			
Interior Architecture	$71,700		$25,100	$15,400
Electrical	$16,900	$10,700	$14,600	$12,200
Mechanical	$34,600	$53,100	$53,500	$54,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$174,300**	**$71,700**	**$101,100**	**$90,400**
Importance Code A	$43,200	$13,200	$13,200	$13,200
Importance Code B	$115,000	$58,500	$87,900	$77,200
Importance Code C	$16,100			
Total	**$174,300**	**$71,700**	**$101,100**	**$90,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$129,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$46,700	
Windows								
Aluminum	95%	Now	$86,900	2042	* *	5	$10,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Louvers	5%			2035	* *	10	$6,800	
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10	$9,000	
Masonry: Brick	50%			LIFE	* *	5-10	$12,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$2,200	
Roof								
Asphalt Shingle	65%			2035	* *	10	$21,800	
IRMA/Protected Membrane	35%			2031	* *	10	$70,300	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Carpet	5%	0-2	$3,400	2025	$68,400	3	$8,000	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$5,600	LIFE	* *	5	$23,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$5,400	
Vinyl Tile	75%	Now	$34,200	2031	* *	3	$30,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2054	* *	5	$10,000	
Interior Walls								
Concrete Masonry Unit	40%			LIFE	* *	5	$8,900	
Gypsum Board	20%			LIFE	* *	5-10	$9,500	
Masonry: Limestone	5%			LIFE	* *	10	$600	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$4,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%			2039	* *	5	$40,200	
AcousTileConcealSpLn	5%	Now	$43,300	2046	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridor Near Room 422								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridor Near Room 422								
Exposed Concrete	40%			LIFE	* *	5-10	$53,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Gypsum Board	18%			LIFE	* *	5-10	$66,300	
Metal Panel	2%	Now	$1,800	LIFE	* *	5	$2,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Around Access Panels And Frames Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room And Penthouse								
Explanation : One 300 Kva, One 75 Kva And One 45 Kva 480v-208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2039	* *	5	$100	
Motor Control Center	90%			2039	* *	5	$3,300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 43 - Q (TANDEM P. S. 256 - Q)
Asset # : 4470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$40,900	
Generators								
Diesel	100%			2035	* *	1	$51,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$4,900	
Fuel Storage								
Main Tank	100%			2054	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$115,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2031	* *	10	$3,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$14,900	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q (TANDEM P. S. 256 - Q)

Asset # : 4470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$647,500	2046	* *	1	$118,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers Damaged By Sandy - Now Using Temporary Boiler Service On The Street								
Distribution								
Hot Wtr Piping/Pump	20%	Now	$2,700	2034	* *	4	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Penthouse, Air Handler								
Steam Piping/Pump	80%			2036	* *	4	$5,200	
Terminal Devices								
Air Handler	20%			2026	$143,400	1	$16,500	
Convector/Radiator	80%			2031	* *	1	$34,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2031	* *	2	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : No Access To The A / C Unit								
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$564,900	1	$82,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : No Access								
Explanation : No Access								
Heat Rejection								
Air Condenser Unit	100%			2026	$265,700	2	$92,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : No Access								
Explanation : No Access								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$117,400	
Exhaust Fans								
Interior	100%			2026	$147,000	2	$4,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$30,900	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 600 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q (TANDEM P. S. 256 - Q)

Asset # : 4470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Sewage Ejector(s)								
Compressed Air	100%			2046	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$8,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor; 1st : 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$67,100	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,900	
Fire Pump								
Generic	100%			2035	* *	1	$24,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 43 - Q ANNEX**				
Address	: **98 BEACH 28TH STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q907**
Program / Asset #	: **BOE1048.000 / 14261**			**Yr Built/Renovated**	: **2005 /**
Area Sq Ft	: **10,694**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-May-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**				
Block	: **15819**	**Lot**	: **148**	**BIN**	: **4531136**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$58,500	
Total	**$58,500**	
Importance Code A	$58,500	
Total	**$58,500**	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,500		$14,400	$3,500
Interior Architecture	$3,100			$1,800
Electrical	$1,000	$700	$12,800	$1,100
Mechanical	$900	$1,000	$1,800	$1,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$31,400**	**$5,600**	**$33,000**	**$11,300**
Importance Code A	$23,000	$500	$15,000	$4,100
Importance Code B	$7,500	$5,100	$18,000	$7,200
Importance Code C	$900			
Total	**$31,400**	**$5,600**	**$33,000**	**$11,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q ANNEX

Asset # : 14261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$4,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,300	
Stucco Cement	40%			2041	* *	5	$22,400	
Stucco Cement	30%	Now	$58,500	2041	* *	5	$8,400	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 25%								
Location : East Facade								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : East Facade, Room 101								
Windows								
Aluminum	100%			2046	* *	5	$5,700	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$2,000	
Metal Panel	45%			2050	* *	5	$7,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$14,400	
Skylight, Metal/Glass	5%	Now	$22,500	2044	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Staircase B								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Staircase B								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,800	
Ceramic Tile	5%			2037	* *	5	$800	
Vinyl Tile	90%			2032	* *	3	$7,200	
Interior Walls								
Ceramic Tile	5%			2037	* *	5	$1,900	
Gypsum Board	95%			LIFE	* *	5	$21,500	
Ceilings								
AcousTileSusp.Lay-In	100%			2041	* *	5	$16,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 200 Amperes								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q ANNEX

Asset # : 14261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,300	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
Fluorescent	100%			2029	* *	10	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Compact Fluorescent Light Fixtures								
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
Generic	100%			2029	* *	1-3	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Exterior Package Units								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - Q ANNEX

Asset # : 14261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Interior	100%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$2,500	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1 - 2								
Explanation : 1 Inoperable Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 44 - BK**
Address : **432 MONROE STREET BTWN: MARCUS GARVEY BLVD., THROO**
Borough : **BROOKLYN** | **Agency's Number** : **K044**
Program / Asset # : **BOE0374.000 / 2518** | **Yr Built/Renovated** : **1951 / 2010**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **08-Oct-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1821** **Lot** : **1** | **BIN** : **3051540**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$148,700
Interior Architecture	$1,033,400	
Electrical	$1,917,300	$617,600
Mechanical	$133,800	$2,205,700
Total	**$3,084,400**	**$2,972,000**
Importance Code A	$81,900	$595,200
Importance Code B	$3,002,500	$2,376,800
Total	**$3,084,400**	**$2,972,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$71,700			
Interior Architecture	$54,200	$3,100	$1,900	$41,600
Electrical		$300	$1,100	$47,500
Mechanical	$12,700	$12,400	$18,700	$36,500
Total	**$138,700**	**$15,900**	**$21,700**	**$125,600**
Importance Code A	$71,700	$8,300	$8,300	$8,500
Importance Code B	$35,800	$7,500	$13,400	$117,100
Importance Code C	$31,100			
Total	**$138,700**	**$15,900**	**$21,700**	**$125,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$77,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%	2-4	$25,500	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	2-4	$23,500	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	95%			2041	* *	5	$28,900	
Glass Block	5%	Now	$22,800	LIFE	* *	5	$1,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,600	
Masonry: Limestone	10%			LIFE	* *	5	$1,600	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$71,200	
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$6,500	LIFE	* *	5	$27,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2034	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	2%	2-4	$5,900	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	20%	2-4	$10,700	2030	* *	3	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	55%	Now	$228,800	2020	$762,800	3	$26,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	10%			2040	* *	5	$23,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$8,700	2034	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Glazed Ceramic Panel	5%	2-4	$10,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%	4+	$12,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	50%			LIFE	* *	5	$19,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$12,500	
AcousTileConcealSpLn	15%			2030	* *	5	$23,500	
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,300	
Exposed Concrete	45%			LIFE	* *	5	$8,800	
Metal Panel	10%	0-2	$41,800	LIFE	* *	5	$15,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	15%			LIFE	* *	5	$11,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 250 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	100%			2025	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	90%			2024	$161,400	5	$1,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2025	$25,600	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2020	$906,300	10	$74,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2020	$6,700	10		
Incandescent	2%			2020	$18,700	2		
Egress Lighting								
Emergency, Battery	50%			2020	$56,700	10	$10,200	
Exit, Service	50%			2020	$11,300	1		
Exterior Lighting								
HID	100%			2020	$309,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$339,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$207,200	5	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried								
Explanation : 2 Tanks With A Capacity Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$81,900	2023	$409,500	1	$75,000	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Burners, Fuel Valves, Smoke Detects								
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Old Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2025	$587,300	4	$6,200	
Terminal Devices								
Air Handler	20%			2025	$90,700	1	$10,400	
Convector/Radiator	80%			2023	$635,600	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$2,600	2020	$51,900	1		
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Various Areas								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,900	
Exhaust Fans								
Interior	80%			2025	$74,400	2	$2,100	
Roof	20%			2025	$13,400	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2045	* *	1		
Galv Iron/Steel	80%			2023	$201,000	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Partial Replacement Is In Progress								
HW Heat Exchanger								
Low Temp	100%			2025	$26,100	4	$12,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One Sump Pump								
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - BK

Asset # : 2518

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,200	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 44 - SI**
Address : **80 MAPLE PARKWAY**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0930.000 / 1437**
Area Sq Ft : **97,000**
Date of Survey : **11-Jan-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1218** **Lot** : **1**

Agency's Number : **R044**
Yr Built/Renovated : **1927 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5027641**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$307,800	$96,800
Interior Architecture	$894,800	$383,500
Electrical	$366,300	$1,535,700
Mechanical	$389,800	$1,275,100
Total	**$1,958,800**	**$3,291,000**
Importance Code A	$307,800	$133,800
Importance Code B	$1,438,200	$2,950,300
Importance Code C	$212,700	$206,900
Total	**$1,958,800**	**$3,291,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$40,500			
Interior Architecture	$123,200		$2,800	$2,800
Electrical	$4,300	$54,900	$3,000	$3,300
Mechanical	$19,100	$27,800	$34,400	$27,800
Total	**$187,200**	**$82,600**	**$40,100**	**$33,900**
Importance Code A	$49,400	$9,100	$8,900	$8,900
Importance Code B	$78,700	$73,600	$31,300	$25,000
Importance Code C	$59,100			
Total	**$187,200**	**$82,600**	**$40,100**	**$33,900**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$146,000	LIFE	* *	5	$96,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$71,600	2039	* *	5	$17,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%	Now	$50,500	2048	* *	5	$9,000	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : 1960 Wing								
Parapets								
Masonry: Brick	90%	0-2	$39,800	LIFE	* *	5	$13,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Copper/Terne	10%	Now	$5,700	2038	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	60%	Now	$20,100	2031	* *			
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Throughout								
Modified Bitumen	30%	Now	$14,700	2028	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%	0-2	$38,700	LIFE	* *	5	$81,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%	Now	$28,900	2032	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%	0-2	$17,300	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	Now	$38,000	2018	$190,000	3	$8,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	15%			2028	* *	3	$8,400	
Wood	35%	0-2	$171,900	2038	* *	5	$48,900	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$41,400	2026	$206,900	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%	Now	$29,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	0-2	$29,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	0-2	$84,200	LIFE	* *	5	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	15%	0-2	$87,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$18,000	2028	* *	5	$13,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	30%	Now	$71,400	LIFE	* *	5	$6,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%	Now	$123,500	LIFE	* *	5	$9,200	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	50%	Now	$48,500	LIFE	* *	5	$46,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$119,700	5	$300	
Fused Disc Sw	30%			2043	* *	5	$100	
Raceway								
Conduit	10%			2043	* *	1		
Conduit	90%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Molded Case Bkrs	20%			2039	* *	5	$500	
Molded Case Bkrs	65%			2022	$116,600	5	$1,700	
Wiring								
Thermoplastic	80%			2033	* *	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	74%			2023	$817,900	10	$67,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	20%			2028	* *	10	$18,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	3%			2023	$23,800	10	$100	
Incandescent	3%			2018	$33,200	2	$100	
Egress Lighting								
Emergency, Service	50%			2023	$24,500	1		
Exit, Service	50%			2023	$13,400	1		
Exterior Lighting								
HID	100%			2018	$366,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$301,400	1-3	$18,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 7500 Gallon Oil Tanks								
Conversion Equipment								
Furnace	20%			2028	* *	1	$9,800	
Steam Boiler	80%			2036	* *	1	$78,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2023	$694,800	4	$4,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%	Now	$3,200	2018	$161,000	1	$16,600	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Bearings, Motors, Fan Room, Basement								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Basement, Fan Room								
Convector/Radiator	20%	Now	$188,000	2043	* *	1	$5,800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Steam Traps, Defective Climate Control Thermostat, Valve And Compressor								
Convector/Radiator	40%			2021	$376,000	1	$12,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2023	$149,000	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2028	* *	2	$1,200	
Window/Wall Unit	20%			2018	$40,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Multiple Mechanical Defects								
No Component	60%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$38,800	
No Component	70%							
Heat Rejection								
Evap Condenser	100%			2028	* *	2	$69,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,500	
Exhaust Fans								
Interior	30%			2023	$33,000	2	$900	
Roof	70%			2023	$55,400	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Electric	10%			2021	$1,500	4	$100	
Gas Fired	90%			2022	$20,800	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - SI

Asset # : 1437

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Playground								
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Next To House Trap In Basement								
Sump Pump(s)								
Rigid Piping	100%	Now	$1,100	2023	$11,100	4	$1,600	
Broken, Extent : Severe, Area Affected : 20%								
Location : Boiler Room, 2/2 Defective Sump Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	5%			2033	* *	1-2	$1,400	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement Of Original Building								
Generic	20%			2043	* *	1-2	$5,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 45 - BK**
Address : **84 SCHAEFER STREET @EVERGREEN AVE.**
Borough : **BROOKLYN**
Agency's Number : **K045**
Program / Asset # : **BOE0375.000 / 1400**
Yr Built/Renovated : **1966 / 2009**
Area Sq Ft : **118,000**
Project Type : **EDUCATION**
Date of Survey : **14-Sep-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3427** **Lot** : **11** **BIN** : **3079428**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$537,700	$382,000
Interior Architecture	$1,571,600	$119,000
Electrical	$238,700	$1,427,400
Mechanical	$630,400	$342,700
Total	**$2,978,500**	**$2,271,100**
Importance Code A	$1,130,600	$424,000
Importance Code B	$1,686,700	$1,847,100
Importance Code C	$161,200	
Total	**$2,978,500**	**$2,271,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$17,300	
Interior Architecture	$29,200	$8,100	$39,900	$19,400
Electrical	$3,600	$3,100	$18,900	$2,100
Mechanical	$24,600	$26,500	$46,000	$18,300
Total	**$57,400**	**$37,700**	**$122,100**	**$39,800**
Importance Code A		$12,100	$29,600	$12,100
Importance Code B	$57,400	$17,600	$92,500	$27,700
Importance Code C		$8,100		
Total	**$57,400**	**$37,700**	**$122,100**	**$39,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	0-2	$284,500	LIFE	* *	5	$126,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$75,700	
Windows								
Aluminum	100%			2049	* *	5	$22,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2037	* *	5-10	$298,300	
Roof								
Built-Up (BUR)	60%			2029	* *	10	$72,100	
Modified Bitumen	5%			2029	* *	10	$6,000	
Paver: Asphalt	35%			2033	* *	10	$63,100	
Interior								
Floors								
Ceramic Tile	5%	0-2	$8,800	2033	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Traffic Topping	10%			2029	* *	5	$22,800	
Vinyl Tile	70%	0-2	$325,500	2019	$1,085,000	3	$47,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	15%			2029	* *	3	$13,700	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	$16,100	
Concrete Masonry Unit	45%	0-2	$161,200	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$4,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	0-2	$16,900	2029	* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%			2029	* *	5	$56,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	40%			LIFE	* *	5	$11,400	
Fiber Board	10%			2024	$119,000			
Plaster	15%			LIFE	* *	5	$17,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$195,500	5	$500	
Raceway								
Conduit	90%			2024	$187,800	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	85%			2023	$152,500	5	$2,600	
Molded Case Bkrs	10%			2023	$17,900	5	$300	
Wiring								
Braided Cloth	80%	2-4	$238,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Motor Control Center	100%			2022	$722,300	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$109,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2024	$27,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, Service	50%			2019	$16,400	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	85%							
Generic	15%			2032	* *	1	$6,600	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2032	* *	1-3	$11,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$37,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$592,900	2044	* *	1	$108,500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$9,000	
Terminal Devices								
Air Handler	30%	Now	$9,900	2024	$197,000	1	$20,300	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : Fan Room								
Convector/Radiator	70%			2029	* *	1	$27,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%	Now	$37,600	2024	$37,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	30%			2024	$40,400	2	$1,100	
Roof	70%	Now	$3,400	2024	$67,800	2	$2,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Motors								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One Unit, Not Energy Efficient. Separate Hot Water Heater Is Recommended								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK

Asset # : 1400

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$8,500	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,700	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 45 - BK AX (OL BSH-RDGWD ECC1)**		
Address	: **1160 DECATUR STREET @CENTRAL AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K842**
Program / Asset #	: **BOE0375.010 / 2753**	**Yr Built/Renovated**	: **1973 / 2007**
Area Sq Ft	: **9,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3434** **Lot** : **28**	**BIN**	: **3079714**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$46,400	$112,300
Mechanical	$119,600	
Total	**$166,100**	**$112,300**
Importance Code B	$119,600	$112,300
Importance Code C	$46,400	
Total	**$166,100**	**$112,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,100		$3,100	
Interior Architecture	$24,700			$1,700
Electrical	$4,200	$200	$1,400	$200
Mechanical	$1,800	$300	$2,000	$300
Total	**$43,800**	**$600**	**$6,500**	**$2,100**
Importance Code A	$14,000		$4,000	
Importance Code B	$28,300	$600	$2,600	$2,100
Importance Code C	$1,500			
Total	**$43,800**	**$600**	**$6,500**	**$2,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 45 - BK AX (OL BSH-RDGWD ECC1)
Asset # : 2753

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$2,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	40%			2054	* *	5-10	$9,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$13,100	LIFE	* *	5	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%			2032	* *	10	$18,300	
Interior								
Floors								
Ceramic Tile	5%	Now	$700	2033	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	95%	0-2	$22,500	2024	$112,300	3	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	85%	0-2	$46,400	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Gypsum Board	15%	0-2	$1,500	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$2,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 45 - BK AX (OL BSH-RDGWD ECC1)
Asset # : 2753

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Main Fused Disconnect Switch In The Switchboard - No Rating Available								
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	25%			2023	$5,600	5	$100	
Molded Case Bkrs	75%			2023	$16,800	5	$200	
Wiring								
Thermoplastic	100%			2034	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2024	$2,300	1		
Exit, Service	50%			2019	$1,300	1		
Exterior Lighting								
HID	100%			2032	* *	10		
Alarm								
Security System								
No Component	85%							
Generic	15%	Now	$4,100	2034	* *	1	$500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Front Desk								
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2032	* *	1-3	$900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - BK AX (OL BSH-RDGWD ECC1)

Asset # : 2753

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Radiant Heater	100%			2029	* *	2	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Units								
Terminal Devices								
Induction Unit	100%			2033	* *	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	0-2	$119,600	2029	* *	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,200	
Exhaust Fans								
Roof	40%			2024	$3,000	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Room 110, Room 111								
Explanation : Flooding When It Rains Hard								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 45 - Q**
Address : **126-28 150 STREET BTWN: ROCKAWAY BLVD., SUTTER A**
Borough : **QUEENS**
Agency's Number : **Q045**
Program / Asset # : **BOE0703.000 / 2650**
Yr Built/Renovated : **1928 / 1998**
Area Sq Ft : **57,000**
Project Type : **EDUCATION**
Date of Survey : **02-May-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12104** **Lot** : **1**
BIN : **4262725**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$65,900	$120,200
Interior Architecture		$531,600
Electrical	$303,100	$1,392,900
Mechanical	$175,600	$221,500
Total	**$544,600**	**$2,266,200**
Importance Code A	$65,900	$120,200
Importance Code B	$478,700	$2,146,100
Total	**$544,600**	**$2,266,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,400			$5,200
Interior Architecture		$2,200	$9,900	$20,600
Electrical	$600	$800	$1,200	$900
Mechanical	$10,000	$9,000	$15,200	$28,600
Total	**$43,100**	**$12,000**	**$26,300**	**$55,400**
Importance Code A	$38,200	$5,800	$5,800	$11,200
Importance Code B	$4,900	$6,200	$17,800	$44,200
Importance Code C			$2,700	
Total	**$43,100**	**$12,000**	**$26,300**	**$55,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$65,900	LIFE	* *	5	$36,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Bands								
Masonry: Brick	90%			LIFE	* *	5	$83,800	
Masonry: Limestone	2%			LIFE	* *	5	$1,400	
Metal Panel	3%			2045	* *	5-10	$19,200	
Windows								
Aluminum	100%			2041	* *	5	$27,700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,800	
Masonry: Limestone	10%	Now	$12,500	LIFE	* *	5	$1,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	95%	Now	$19,900	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Teachers Bathroom								
Copper/Terne	5%			2053	* *	10	$5,700	
Interior								
Floors								
Ceramic Tile	5%			2028	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$3,400	
Vinyl Tile	65%			2025	$485,000	3	$21,400	
Wood	25%			2040	* *	5	$41,100	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$29,500	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,100	
Plaster	5%			LIFE	* *	5	$2,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Teachers Bathroom On Third Floor								
Plaster	80%			LIFE	* *	5	$43,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	80%			2024	$83,700	5	$1,200	
Molded Case Bkrs	10%			2033	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$9,100	5	$100	
Locally Mounted	80%			2030	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$651,300	10	$53,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$39,500	10	$7,100	
Exit, Service	50%			2025	$7,900	1		
Exterior Lighting								
HID	100%			2025	$215,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$51,700	1	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$177,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$2,900	
Terminal Devices								
Air Handler	40%			2030	* *	1	$14,500	
Convector/Radiator	40%			2023	$221,500	1	$7,600	
Fan Coil Unit/Heat	20%			2020	$175,600	1	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$6,000	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,700	
Exhaust Fans								
Interior	40%			2025	$25,900	2	$700	
Roof	60%			2025	$28,000	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2035	* *	1		
Galv Iron/Steel	10%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$13,600	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - Q

Asset # : 2650

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$3,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 45 - SI**
Address : **58 LAWRENCE AVE. @ MORRISON AVE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0931.000 / 2525**
Area Sq Ft : **73,000**
Date of Survey : **06-Mar-2014**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **276** **Lot** : **7**

Agency's Number : **R045**
Yr Built/Renovated : **1927 / 2009**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5007417**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$183,100	$61,300
Interior Architecture	$503,300	$254,300
Electrical	$121,700	$658,800
Mechanical	$350,700	$145,700
Total	**$1,158,800**	**$1,120,100**
Importance Code A	$183,100	$61,300
Importance Code B	$822,300	$1,058,800
Importance Code C	$153,400	
Total	**$1,158,800**	**$1,120,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,400			
Interior Architecture	$10,900	$2,800	$1,100	$3,900
Electrical	$25,500	$7,000	$6,500	$5,900
Mechanical	$12,000	$10,500	$17,800	$25,900
Total	**$78,900**	**$20,300**	**$25,300**	**$35,700**
Importance Code A	$37,200	$6,900	$6,900	$6,900
Importance Code B	$41,600	$13,400	$18,500	$27,700
Importance Code C				$1,100
Total	**$78,900**	**$20,300**	**$25,300**	**$35,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$19,200	LIFE	* *	5	$17,000	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout To Basement								
Masonry: Brick	90%	0-2	$37,000	LIFE	* *	5	$61,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2041	* *	5	$25,400	
Parapets								
Masonry: Brick	90%	0-2	$74,800	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	2-4	$7,500	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	10%	Now	$3,600	2030	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 301								
Built-Up (BUR)	90%			2030	* *	10	$71,300	
Interior								
Floors								
Cast in Place Concrete	20%	Now	$69,900	LIFE	* *	5	$49,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout								
Ceramic Tile	2%			2034	* *	5	$2,200	
Terrazzo	3%			LIFE	* *	5	$2,600	
Vinyl Tile	10%	Now	$9,500	2025	$95,300	3	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2020	$123,500	3	$5,600	
Wood	55%	4+	$101,700	2040	* *	5	$57,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$35,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	2%			2040	* *	5	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$117,700	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 311, 313 And 315								
SGFT/Glazed Masonry	13%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$5,600	
Exposed Concrete	20%			LIFE	* *	5	$3,500	
Plaster	75%	0-2	$54,800	LIFE	* *	5	$52,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	85%			2025	$105,300	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Knife Sw	5%	2-4	$6,700	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Molded Case Bkrs	55%			2024	$74,000	5	$1,100	
Molded Case Bkrs	30%			2047	* *	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$15,100	5	$100	
Locally Mounted	80%			2042	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Water Main								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$22,500	
Generators								
Diesel	100%			2021	$121,400	1	$28,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 45 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$2,700	
Fuel Storage								
Main Tank	100%			2028	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 80 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$67,300	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2025	$12,000	10		
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2025	$10,100	1		
Exterior Lighting								
HID	100%			2025	$275,700	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	15%			2045	* *	1		
Interruptible Gas/Dual Fuel	85%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement Vault								
Explanation : 1 - 8000 Gallon Tank								
Conversion Equipment								
Furnace	15%			2030	* *	1	$5,600	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof Of Annex								
Explanation : 3 - Roof Top Units Providing Both Heat & A C								
Steam Boiler	85%			2038	* *	1	$63,000	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement								
Explanation : 2 - Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,700	
Terminal Devices								
Air Handler	25%			2025	$100,900	1	$11,600	
Convector/Radiator	50%			2030	* *	1	$12,100	
Fan Coil Unit/Heat	25%			2020	$280,300	1	$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2030	* *	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof Of Annex								
Window/Wall Unit	10%			2020	$15,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	85%			2020	$70,400	2	$2,000	
Roof	15%			2030	* *	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 45 - SI

Asset # : 2525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$44,700	1		
Water Heater								
Gas Fired	100%			2023	$17,400	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%	Now	$400	2035	* *	1-2	$400	
Heads Painted, Extent : Light, Area Affected : 100%								
Location : Sprinkler Head In Paint Storage Room Is Painted Over								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 46 - BK**
Address : **100 CLERMONT AVENUE BTWN MYRTLE AVE. - PARK AVE.**
Borough : **BROOKLYN**
Agency's Number : **K046**
Program / Asset # : **BOE0376.000 / 1401**
Yr Built/Renovated : **1960 / 2000**
Area Sq Ft : **83,000**
Project Type : **EDUCATION**
Date of Survey : **22-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2045** **Lot** : **11**
BIN : **3058088**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$36,800	$71,000
Interior Architecture	$215,400	$599,600
Electrical	$1,316,400	$515,000
Mechanical	$882,200	$823,200
Total	**$2,450,800**	**$2,008,800**
Importance Code A	$453,800	$108,000
Importance Code B	$1,997,000	$1,900,800
Total	**$2,450,800**	**$2,008,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$9,000	$8,000
Interior Architecture	$7,600	$14,900	$18,400	$1,600
Electrical	$27,000	$2,500	$96,800	$2,200
Mechanical	$4,900	$13,600	$21,400	$14,400
Total	**$39,500**	**$30,900**	**$145,600**	**$26,100**
Importance Code A		$8,500	$17,700	$16,500
Importance Code B	$39,500	$19,600	$127,900	$9,700
Importance Code C		$2,800		
Total	**$39,500**	**$30,900**	**$145,600**	**$26,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$71,000	
Windows								
Aluminum	100%			2040	* *	5	$15,900	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,300	
Metal Panel	5%			2044	* *	5	$2,200	
Metal: Cage/Fence	15%			2029	* *	5-10	$13,500	
Roof								
Built-Up (BUR)	95%	Now	$36,800	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Copper/Terne	5%			2052	* *	10	$10,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,000	
Ceramic Tile	5%			2033	* *	5	$6,400	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	55%			2024	$599,600	3	$26,400	
Vinyl Tile	15%			2019	$163,500	3	$7,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor								
Explanation : 9x9 Units								
Vinyl Tile	10%			2029	* *	3	$6,400	
Wood	5%			2052	* *	5	$12,000	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$5,700	
Concrete Masonry Unit	30%			LIFE	* *	5	$13,600	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$10,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$32,000	
AcousTileSusp.Lay-In	5%	Now	$51,800	2044	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria Entrance, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria Entrance Corridors								
Exposed Concrete	65%			LIFE	* *	5	$13,000	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	10%			2034	* *	5		
Molded Case Bkrs	90%			2024	$153,900	5	$2,000	
Raceway								
Conduit	80%			2024	$138,100	1		
Conduit	15%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	70%			2023	$125,600	5	$1,500	
Molded Case Bkrs	20%			2046	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%	2-4	$15,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$761,200	10	$62,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2032	* *	10	$11,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bath Rooms & 1st Floor Hallway								
Explanation : T-8 Lamps & Compact Flourescent								
HID	2%			2019	$13,700	10	$100	
Incandescent	3%			2019	$28,500	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	30%			2019	$12,600	1		
Emergency, Battery	20%			2019	$23,100	10	$4,100	
Exit, Service	50%			2019	$11,600	1		
Exterior Lighting								
HID	100%			2019	$313,500	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$18,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$211,000	2054	* *	5	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$417,000	2044	* *	1	$76,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$119,600	2034	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	95%			2022	$768,700	1	$26,300	
Fan Coil Unit/Heat	5%			2019	$64,100	1	$1,400	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2019	$70,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BK

Asset # : 1401

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2024	$18,900	2	$500	
Roof	80%			2024	$54,500	2	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Electric	2%			2023	$300	4		
Gas Fired	98%	Now	$400	2022	$19,500	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gas Fired Heater Control System								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Rl-460								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 46 - M**				
Address	: **2987 FREDERICK DOUGLASS BLVD. @ HARLEM RIVER DRIVE**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M046**
Program / Asset #	: **BOE0027.000 / 1667**			**Yr Built/Renovated**	: **1968 / 2007**
Area Sq Ft	: **94,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2106**	**Lot**	: **50**	**BIN**	: **1082090**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$192,700	$64,300
Interior Architecture	$124,400	$47,600
Electrical	$1,078,400	$617,600
Mechanical	$135,500	$551,700
Total	**$1,530,900**	**$1,281,300**
Importance Code A	$192,700	$101,300
Importance Code B	$1,213,800	$1,180,000
Importance Code C	$124,400	
Total	**$1,530,900**	**$1,281,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,200	$8,900		$29,200
Interior Architecture	$63,800			$30,800
Electrical		$300	$1,200	$41,000
Mechanical	$9,100	$4,000	$16,900	$4,000
Total	**$103,100**	**$13,200**	**$18,100**	**$105,000**
Importance Code A	$30,200	$8,900		$29,400
Importance Code B	$51,500	$4,300	$18,100	$75,700
Importance Code C	$21,300			
Total	**$103,100**	**$13,200**	**$18,100**	**$105,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$97,000	LIFE	* *	5	$64,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			2035	* *	5-10	$27,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$26,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Slate Panels	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	90%			2041	* *	5	$16,200	
Aluminum	10%	Now	$30,200	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : Defective Hardware - Latches Inoperable								
Parapets								
Metal Panel	85%			2045	* *	5	$43,300	
Metal: Cage/Fence	15%			2038	* *	5-10	$15,300	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$95,700	
Interior								
Floors								
Cast in Place Concrete	15%	Now	$11,300	LIFE	* *	5	$47,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	10%	0-2	$14,100	2034	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Slate	5%			LIFE	* *	5	$7,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	10%	0-2	$6,200	2030	* *	3	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%			2035	* *	3	$43,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%	0-2	$14,200	2034	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$7,100	LIFE	* *	5	$2,600	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Basement Shop								
Masonry: Brick	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$19,300	
SGFT/Glazed Masonry	25%	Now	$124,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$10,300	
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$36,300	
Staining/Discoloring, Extent : Light, Area Affected : 80%								
Location : Corridors, Cafeteria								
Exposed Concrete	50%			LIFE	* *	5	$11,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	* *			
Metal Panel	5%			LIFE	* *	5	$9,100	
Plaster	10%			LIFE	* *	5	$9,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	100%			2025	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	90%			2024	$161,400	5	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	0-2	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2025	$25,600	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$87,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$15,500	10	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$65,400	10	$11,700	
Exit, Service	50%			2020	$13,100	1		
Exterior Lighting								
HID	100%			2020	$355,000	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$340,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Campus Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Adjacent Complex								
Explanation : From Housing Authority								
Distribution								
Steam Piping/Pump	100%	Now	$135,500	2035	* *	4	$4,800	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Basement								
Malfunctioning, Extent : Light, Area Affected : 2%								
Location : Control Valves Malfunctioning								
Terminal Devices								
Air Handler	30%			2025	$156,900	1	$18,000	
Convector/Radiator	50%			2030	* *	1	$15,700	
Fan Coil Unit/Heat	20%			2025	$290,500	1	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M

Asset # : 1667

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2023	$39,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Interior	60%			2025	$64,300	2	$1,800	
Roof	40%	Now	$3,100	2025	$30,900	2	$1,000	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

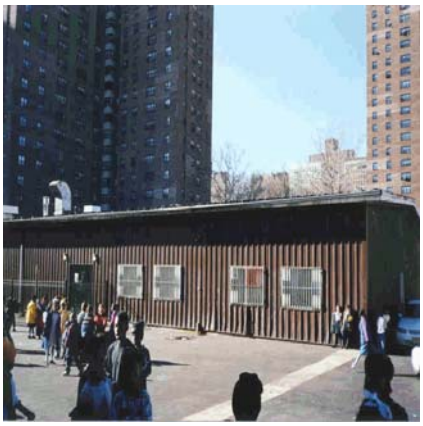
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 46 - M MINISCHOOL**
Address : **2987 FREDERICK DOUGLASS BLVD. @ HARLEM RIVER DRIVE**
Borough : **MANHATTAN**
Agency's Number : **M846**
Program / Asset # : **BOE0027.010 / 1668**
Yr Built/Renovated : **1972 / 2007**
Area Sq Ft : **6,120**
Project Type : **EDUCATION**
Date of Survey : **16-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **2106** **Lot** : **50** **BIN** : **1082090**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,000	$61,500
Interior Architecture		$145,800
Electrical	$63,400	$94,200
Mechanical		$80,200
Total	**$106,400**	**$381,700**
Importance Code A	$43,000	$61,500
Importance Code B	$63,400	$320,200
Total	**$106,400**	**$381,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,200			
Interior Architecture	$14,600	$400	$1,100	
Electrical			$100	$6,600
Mechanical	$1,400	$300	$900	$800
Total	**$35,200**	**$700**	**$2,100**	**$7,400**
Importance Code A	$19,500	$300	$300	$300
Importance Code B	$15,700	$400	$1,700	$7,100
Importance Code C				
Total	**$35,200**	**$700**	**$2,100**	**$7,400**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$6,900	2045	* *	5	$18,000	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$12,300	2024	$61,500	5	$700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$43,000	2038	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	8%			2028	* *	5	$700	
Vinyl Tile	92%			2025	$72,900	3	$3,200	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$700	
Gypsum Board	60%			LIFE	* *	5	$3,000	
Metal Panel	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$14,600	2023	$72,900	5	$4,500	
Loose/Miss Fasteners, Extent : Light, Area Affected : 5%								
Location : Classroom(s)								
Misaligned/Bulging, Extent : Moderate, Area Affected : 60%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Non Fusible								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$48,900	5	$200	
Raceway								
Conduit	100%			2025	$13,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$2,200	5		
Molded Case Bkrs	90%			2024	$20,200	5	$100	
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2020	$63,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$7,600	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$80,200	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit - Mech Equip Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,500	
Exhaust Fans								
Interior	90%			2025	$6,200	2	$200	
Roof	10%			2020	$500	2		
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - M MINISCHOOL

Asset # : 1668

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%	0-2	$1,000	2025	$1,000	4		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Hot Water Heater Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 46 - Q**
Address : **218 ST & 67 AVENUE BTWN: 64 AVE., 67 AVE.**
Borough : **QUEENS**
Agency's Number : **Q046**
Program / Asset # : **BOE0704.000 / 2246**
Yr Built/Renovated : **1951 / 2009**
Area Sq Ft : **62,000**
Project Type : **EDUCATION**
Date of Survey : **24-Feb-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7619** **Lot** : **1**
BIN : **4162449**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$55,500	$105,500
Interior Architecture	$52,400	
Electrical	$392,100	$876,800
Mechanical	$149,000	$1,119,400
Total	**$649,000**	**$2,101,700**
Importance Code A	$55,500	$415,100
Importance Code B	$593,500	$1,686,600
Total	**$649,000**	**$2,101,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,700		$6,700	$5,400
Interior Architecture	$28,600	$8,100	$3,800	$21,600
Electrical	$8,200	$900	$700	$13,600
Mechanical	$48,700	$8,800	$14,300	$45,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$111,200**	**$21,700**	**$29,600**	**$89,800**
Importance Code A	$37,200	$6,300	$13,000	$11,900
Importance Code B	$74,100	$15,400	$14,200	$78,000
Importance Code C			$2,400	
Total	**$111,200**	**$21,700**	**$29,600**	**$89,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	$2,900	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Elevator Shaft								
Masonry: Brick Cavity	85%			LIFE	* *	5	$49,200	
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Metal Panel	5%			2045	* *	5-10	$19,900	
Windows								
Aluminum	90%			2041	* *	5	$19,400	
Glass Block	5%			LIFE	* *	5	$700	
Steel	5%			2024	$56,300	5	$13,500	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$8,600	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Rail	25%			2042	* *	5-10	$55,200	
Roof								
Built-Up (BUR)	90%	Now	$55,500	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Room 100								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 100								
Copper/Terne	5%			2053	* *	10	$8,400	
Modified Bitumen	5%			2025	$19,600	10	$3,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$20,800	
Ceramic Tile	3%			2034	* *	5	$2,900	
Terrazzo	2%			LIFE	* *	5	$1,500	
Vinyl Tile	18%			2030	* *	3	$6,400	
Vinyl Tile	2%	Now	$16,200	2035	* *	3	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Room B2								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Room B2								
Vinyl Tile	50%			2033	* *	3	$17,900	
Vinyl Tile 9" X 9"	5%			2020	$52,400	3	$2,400	
Wood	10%			2040	* *	5	$17,800	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$4,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$15,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2030	* *	5	$23,600	
AcousTileSusp.Lay-In	25%			2042	* *	5	$23,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Corridors								
Exposed Concrete	45%			LIFE	* *	5	$6,600	
Plaster	10%			LIFE	* *	5	$5,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	95%			2041	* *	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$400	
Locally Mounted	10%	2-4	$7,600	2045	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2025	$600,500	10	$49,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2025	$35,300	10	$2,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	10%			2033	* *	10	$5,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	25%			2020	$21,400	10	$3,800	
Emergency, Battery	25%			2025	$21,400	10	$3,800	
Exit, Service	50%			2020	$8,600	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$56,300	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only: Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$192,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells And Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$156,600	5	$19,700	
Conversion Equipment								
Steam Boiler	100%	Now	$15,500	2023	$309,600	1	$56,700	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : #2 Unit, Tubes Leak And Oil Leaks From Burner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$44,400	2035	* *	4	$3,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Connection Pipes, Head Valves In Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : All F & T, Steam Traps & Controls, Throughout								
Terminal Devices								
Air Handler	20%	Now	$1,400	2025	$68,600	1	$7,100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Flexible Connections, Fan Room								
Convector/Radiator	80%			2023	$480,600	1	$16,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$104,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$27,400	LIFE	* *	2-5	$35,500	
Needs Cleaning, Extent : Severe, Area Affected : 10%								
Location : Intake Duct For The Gym, Fan Room								
Exhaust Fans								
Interior	95%			2025	$66,800	2	$1,900	
Roof	5%			2025	$2,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%	Now	$1,500	2020	$14,800	2	$700	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Bottom Of The Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - Q

Asset # : 2246

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$37,100	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 46 - SI**
Address : **41 REID AVENUE @ PARKINSON AVE**
Borough : **STATEN ISLAND**
Agency's Number : **R046**
Program / Asset # : **BOE0932.000 / 1438**
Yr Built/Renovated : **1930 / 2010**
Area Sq Ft : **73,000**
Project Type : **EDUCATION**
Date of Survey : **27-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3243** **Lot** : **1**
BIN : **5047613**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$145,400	$116,800
Interior Architecture	$712,300	$638,700
Electrical	$104,300	$754,600
Mechanical		$1,066,000
Total	**$962,000**	**$2,576,100**
Importance Code A	$145,400	$146,400
Importance Code B	$772,900	$2,429,700
Importance Code C	$43,700	
Total	**$962,000**	**$2,576,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,100	$12,700		
Interior Architecture	$82,400			$8,800
Electrical	$1,400	$400	$100	$700
Mechanical	$47,200	$11,100	$17,100	$12,900
Total	**$136,100**	**$24,200**	**$17,200**	**$22,400**
Importance Code A	$23,400	$20,100	$7,400	$7,400
Importance Code B	$77,600	$4,100	$9,800	$15,000
Importance Code C	$35,100			
Total	**$136,100**	**$24,200**	**$17,200**	**$22,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$122,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$10,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$25,400	
Parapets								
Masonry: Brick	100%			LIFE	* *	5-10	$98,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	70%			2031	* *	10	$55,500	
Copper/Terne	5%			2054	* *	10	$9,900	
Modified Bitumen	25%			2034	* *	10	$19,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$5,800	LIFE	* *	5	$24,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$43,400	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	Now	$10,400	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	63%	Now	$60,000	2021	$600,400	3	$26,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	20%	Now	$221,800	2041	* *	5	$21,000	
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Interior Walls								
Masonry: Brick	10%			LIFE	* *	10	$3,400	
Plaster	70%	Now	$31,700	LIFE	* *	5	$23,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$43,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$31,100	2031	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	25%	Now	$89,600	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%	Now	$93,000	LIFE	* *	5	$13,900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Gymnasium								
Plaster	55%	Now	$160,700	LIFE	* *	5	$38,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$29,600	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800a & One 600a Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$117,300	5	$300	
Fused Disc Sw	20%			2052	* *	5	$100	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	30%			2048	* *	5	$600	
Molded Case Bkrs	60%			2025	$80,700	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$34,800	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$200	
Locally Mounted	50%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$65,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2034	* *	10		
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$9,000	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$275,700	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 6000 Gallon Tank Using #2 Oil								
Conversion Equipment								
Steam Boiler	100%	Now	$18,200	2039	* *	1	$66,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers With Recent Controls Upgrade								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - SI

Asset # : 1438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,700	
Terminal Devices								
Air Handler	20%			2021	$80,800	1	$9,300	
Convector/Radiator	60%			2024	$424,400	1	$14,500	
Fan Coil Unit/Heat	20%			2021	$224,300	1	$4,800	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	25%			2021	$38,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,100	
Exhaust Fans								
Interior	90%			2021	$74,500	2	$2,100	
Roof	10%			2021	$6,000	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$223,600	1		
Water Heater								
Gas Fired	100%			2024	$17,400	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Wilkens Zurn								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 47 - Q**		
Address	: **9 POWER ROAD BROAD CHANNEL**		
Borough	: **QUEENS**	**Agency's Number**	: **Q047**
Program / Asset #	: **BOE0705.000 / 4422**	**Yr Built/Renovated**	: **1957 / 2012**
Area Sq Ft	: **6,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **15313** **Lot** : **485**	**BIN**	: **4448968**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$78,600
Electrical	$67,300	$168,700
Mechanical		$101,600
Total	**$67,300**	**$348,900**
Importance Code B	$67,300	$348,900
Total	**$67,300**	**$348,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,600			$400
Interior Architecture			$1,300	$2,500
Electrical	$3,900	$300	$300	$300
Mechanical	$8,000	$1,100	$1,700	$19,900
Total	**$28,600**	**$1,400**	**$3,300**	**$23,100**
Importance Code A	$17,300	$700	$700	$1,100
Importance Code B	$11,300	$700	$2,700	$22,100
Importance Code C				
Total	**$28,600**	**$1,400**	**$3,300**	**$23,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$5,500	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Glazed Ceramic Panel	15%			LIFE	* *	5	$1,700	
Masonry: Brick	75%	Now	$11,100	LIFE	* *	5	$1,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Windows								
Aluminum	90%			2050	* *	5	$700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$100	
Roof								
IRMA/Protected Membrane	10%			2035	* *	10	$1,300	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Over Connecting Corridor To Annex								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Connecting Corridor To Annex								
Modified Bitumen	90%			2035	* *	10	$11,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2034	* *	5	$300	
Panel/Paver: Cer/Brk	5%			2041	* *	5	$1,100	
Vinyl Tile	92%			2025	$78,600	3	$3,500	
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$2,100	
Gypsum Board	10%			LIFE	* *	5	$500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	50%			2030	* *	5	$5,000	
Exposed Struc: Steel	25%			LIFE	* *			
Fiber Board	5%			2025	$3,300			
Metal Panel	20%			LIFE	* *	5	$2,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Switch Rated @ 200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$48,900	5	$200	
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2024	$22,400	5	$200	
Wiring								
Braided Cloth	20%	2-4	$3,700	2050	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2025	$14,800	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$74,500	10	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$24,500	10		
Alarm								
Security System								
Generic	100%			2025	$19,700	1	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Only, Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%	2-4	$67,300	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Fire Alarm System, Bells And Manual Pull Station								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q

Asset # : 4422

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$2,100	
Conversion Equipment								
Steam Boiler	100%			2045	* *	1	$6,600	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$500	
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$11,000	1		
No Component	20%							
Terminal Devices								
Fan Coil - Cool/Heat	100%			2025	$101,600	1	$2,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,700	
Exhaust Fans								
Interior	100%			2025	$7,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$6,700	2020	$6,700	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2025	$600	1	$400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 47 - Q ANNEX**		
Address	: **9 POWER ROAD BROAD CHANNEL**		
Borough	: **QUEENS**	**Agency's Number**	: **Q874**
Program / Asset #	: **BOE0705.010 / 4423**	**Yr Built/Renovated**	: **1991 /**
Area Sq Ft	: **15,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,atc**		
Block	: **15313** **Lot** : **485**	**BIN**	: **4448968**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$51,400	$58,800
Electrical		$426,900
Mechanical		$132,600
Total	**$51,400**	**$618,200**
Importance Code A	$51,400	$58,800
Importance Code B		$559,400
Total	**$51,400**	**$618,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,200			
Interior Architecture		$2,600	$800	$10,500
Electrical	$600	$800	$600	$2,700
Mechanical	$4,500	$7,300	$5,600	$6,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$65,100**	**$14,600**	**$11,000**	**$23,700**
Importance Code A	$56,900	$800	$800	$800
Importance Code B	$8,200	$13,800	$9,700	$22,900
Importance Code C			$500	
Total	**$65,100**	**$14,600**	**$11,000**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$11,300	2045	* *	5	$58,800	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Windows								
Aluminum	100%	Now	$20,100	2041	* *	5	$2,400	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	10%	Now	$24,800	2035	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Flat Section								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Flat Portion								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Metal Panel	90%			2038	* *	10	$51,400	
Interior								
Floors								
Ceramic Tile	3%			2034	* *	5	$700	
Panel/Paver: Cer/Brk	5%			2041	* *	5	$2,600	
Vinyl Tile	92%			2030	* *	3	$7,900	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$1,000	
Gypsum Board	95%			LIFE	* *	5	$11,500	
Ceilings								
AcousTileSusp.Lay-In	95%			2030	* *	5	$21,000	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	* *	5	$400	
Raceway								
Conduit	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2033	* *	5	$400	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Main Room								
Explanation : Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$169,500	10	$14,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$56,700	10		
Alarm								
Security System								
Generic	100%			2025	$45,400	1	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Functional								
Fire/Smoke Detection								
Generic, Analog	100%			2025	$155,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$4,700	
Conversion Equipment								
Furnace	100%			2025	$18,600	1	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Area								
Explanation : 2 Units								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - Q ANNEX

Asset # : 4423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2025	$41,400	1	$5,700	
Split Unit	20%			2033	* *			
R-134a Refrigerant, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Terminal Devices								
Fan Coil - Cool/Heat	100%			2030	* *	1	$4,900	
Heat Rejection								
Remote Air Cond	100%			2025	$91,100	2	$10,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,500	
Exhaust Fans								
Interior	100%			2025	$16,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Oil Fired	100%			2018	$4,700	1	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Floors 1 & 2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 48 - BK**		
Address	: **6015 18TH AVE. BTWN: 60 ST., 61 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K048**
Program / Asset #	: **BOE0377.000 / 2517**	**Yr Built/Renovated**	: **1915 / 2011**
Area Sq Ft	: **65,216**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5519** **Lot** : **1**	**BIN**	: **3132140**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,814,400	$112,200
Interior Architecture	$503,100	$91,000
Electrical	$275,900	$1,634,100
Mechanical	$586,900	$150,700
Total	**$3,180,200**	**$1,987,900**
Importance Code A	$1,814,400	$149,200
Importance Code B	$1,274,200	$1,838,700
Importance Code C	$91,600	
Total	**$3,180,200**	**$1,987,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$30,400	$2,500		$5,600
Electrical	$60,800	$700	$1,300	$800
Mechanical	$20,200	$10,000	$9,900	$9,100
Total	**$111,500**	**$13,200**	**$11,300**	**$15,600**
Importance Code A	$6,600	$6,600	$6,600	$6,800
Importance Code B	$104,800	$6,500	$4,600	$8,800
Importance Code C				
Total	**$111,500**	**$13,200**	**$11,300**	**$15,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$29,200	
Masonry: Brick	90%	Now	$338,500	LIFE	* *	5	$112,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,900	
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Windows								
Aluminum	100%	2-4	$1,475,900	2050	* *	5	$17,600	2
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,100	
Masonry: Brick	90%			LIFE	* *	5	$8,200	
Roof								
Modified Bitumen	80%			2035	* *	10	$27,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaza Roof: Stone Panels	20%			2055	* *			
Interior								
Floors								
Cast in Place Concrete	5%	2-4	$2,600	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$97,300	2040	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$11,700	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2030	* *	3	$7,500	
Vinyl Tile 9" X 9"	25%	Now	$276,500	2035	* *	3	$9,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	40%			2040	* *	5	$75,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$51,800	2028	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	3%			LIFE	* *			
Marble Panels	2%	2-4	$39,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	90%			LIFE	* *	5	$33,800	
Ceilings								
AcousTile,Adhered	5%			2030	* *	5	$5,000	
Exposed Concrete	10%	2-4	$16,200	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	85%			LIFE	* *	5	$53,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	100%			2025	$123,800	1		
Panelboards								
Molded Case Bkrs	100%			2024	$134,500	5	$1,700	
Wiring								
Braided Cloth	20%	2-4	$34,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room, Basement								
Thermoplastic	80%			2025	$139,100	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$745,100	10	$61,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps & Compact Spiral Bulbs								
Egress Lighting								
Emergency, Service	50%	2-4	$16,500	2035	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exit, Service	50%	2-4	$9,000	2035	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Exterior Lighting								
HID	100%			2025	$246,300	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$39,500	1	$4,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$236,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault Basement								
Explanation : 2 Tanks Of 5000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$46,800	2035	* *	4	$3,300	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Condensate And Vacuum Pumps, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BK

Asset # : 2517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2030	* *	1	$6,200	
Convector/Radiator	70%	2-4	$443,500	2045	* *	1	$13,700	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Fan Coil Unit/Heat	15%	Now	$3,000	2025	$150,700	1	$2,900	
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$9,700	2020	$96,500	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$3,700	
No Component	90%							
Exhaust Fans								
Interior	10%			2033	* *	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$15,600	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$23,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 48 - BX HUNTS POINT ECC 1 - BX**			
Address	:	**659 COSTER STREET @ SPOFFORD AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X848**
Program / Asset #	:	**BOE0191.010 / 4412**	**Yr Built/Renovated**	:	**1970 / 2005**
Area Sq Ft	:	**7,820**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**04-Mar-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1**			
Block	:	**2765** **Lot** : **269**	**BIN**	:	**2006654**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$52,200	
Interior Architecture		$94,500
Electrical		$133,200
Total	**$52,200**	**$227,700**
Importance Code A	$52,200	
Importance Code B		$227,700
Total	**$52,200**	**$227,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$12,200		
Interior Architecture		$300	$1,600	
Electrical	$100	$100	$200	$2,100
Mechanical	$1,000	$300	$1,600	$300
Total	**$1,100**	**$12,800**	**$3,400**	**$2,400**
Importance Code A	$700	$12,200	$700	
Importance Code B	$300	$600	$2,600	$2,400
Importance Code C				
Total	**$1,100**	**$12,800**	**$3,400**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 48 - BX HUNTS POINT ECC 1 - BX
Asset # : 4412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	93%			LIFE	* *	5	$1,700	
Masonry: Brick	5%			LIFE	* *	5	$100	
Wood	2%			2038	* *	5	$300	
Windows								
Steel	100%	2-4	$52,200	2050	* *	5	$6,200	
Air Infiltration, Extent : Light, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5	$1,100	
Metal Rail	50%			2038	* *	5-10	$19,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$15,900	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$800	
Ceramic Tile	3%			2034	* *	5	$400	
Mosaic Tile	2%			2038	* *	5	$600	
Vinyl Tile	92%			2025	$94,500	3	$4,200	
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	$3,400	
Gypsum Board	20%			LIFE	* *	5	$1,300	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$1,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical / Mechanical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2024	$2,200	5		
Molded Case Bkrs	90%			2024	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2025	$18,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX HUNTS POINT ECC 1 - BX

Asset # : 4412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$87,900	10	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	2%			2020	$1,800	2		
Egress Lighting								
Exit, Service	50%			2030	* *	1		
Exit, Battery	50%			2030	* *	10	$300	
Exterior Lighting								
HID	100%			2025	$29,500	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$600	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Radiant Heater	100%			2033	* *	2	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Electrical Units								
Terminal Devices								
Fan Coil Unit/Heat	100%			2033	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX HUNTS POINT ECC 1 - BX

Asset # : 4412

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,500	
Exhaust Fans								
Roof	10%			2025	$600	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2024	$1,300	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 48 - Q**		
Address	**: 155-02 108 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q048**
Program / Asset #	**: BOE0706.000 / 2247**	**Yr Built/Renovated**	**: 1936 / 2001**
Area Sq Ft	**: 37,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 12-Feb-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 10144 Lot : 42**	**BIN**	**: 4216099**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$187,600	$304,100
Interior Architecture		$241,500
Electrical	$519,200	$310,000
Mechanical	$229,000	$271,800
Total	**$935,800**	**$1,127,500**
Importance Code A	$187,600	$304,100
Importance Code B	$748,200	$823,300
Total	**$935,800**	**$1,127,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$58,800		$5,000	$18,000
Interior Architecture	$31,700	$3,600	$13,300	$1,100
Electrical	$1,100	$1,200	$40,400	$1,000
Mechanical	$9,100	$6,500	$27,300	$6,400
Total	**$100,700**	**$11,200**	**$86,000**	**$26,500**
Importance Code A	$62,600	$3,800	$8,900	$21,800
Importance Code B	$32,100	$7,500	$77,100	$4,700
Importance Code C	$6,000			
Total	**$100,700**	**$11,200**	**$86,000**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$187,600	LIFE	* *	5	$31,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout Basement, Rooms 129 And 229								
Masonry: Granite	5%			LIFE	* *	5	$1,300	
Masonry: Limestone	5%	0-2	$9,400	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	80%			2040	* *	5	$10,300	
Wood	20%			2040	* *	5	$25,700	
Parapets								
Masonry: Brick	90%	0-2	$19,000	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$900	
Roof								
Copper/Terne	5%			2039	* *	10	$5,000	
IRMA/Protected Membrane	95%	0-2	$30,400	2024	$304,100			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,200	
Ceramic Tile	5%			2027	* *	5	$2,800	
Vinyl Tile	15%			2029	* *	3	$4,300	
Vinyl Tile	50%			2024	$241,500	3	$10,700	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Corridors								
Explanation : 9 X 9 Tiles								
Wood	25%			2039	* *	5	$26,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2027	* *	5	$2,900	
Masonry: Brick	15%			LIFE	* *			
Plaster	50%	0-2	$4,600	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$5,600	
Embossed Metal	5%			LIFE	* *	5	$1,300	
Exposed Concrete	30%			LIFE	* *	5	$2,600	
Plaster	55%	0-2	$20,400	LIFE	* *	5	$19,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$200	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$7,500	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$59,800	5	$800	
Wiring								
Thermoplastic	90%			2024	$59,900	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$379,400	10	$31,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$4,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$139,700	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$8,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$37,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$2,800	
Terminal Devices								
Air Handler	10%			2019	$20,500	1	$2,400	
Convector/Radiator	60%			2022	$215,100	1	$7,400	
Fan Coil Unit/Heat	30%			2019	$170,500	1	$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$58,500	1		
No Component	25%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - Q

Asset # : 2247

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$10,600	
No Component	50%							
Exhaust Fans								
Interior	50%			2024	$21,000	2	$600	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2034	* *	1		
Galv Iron/Steel	50%	Now	$1,100	2022	$56,700	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Boiler Room								
Water Heater								
Gas Fired	100%			2022	$8,800	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,700	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Water Backs Up From Street Sewer								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2024	$3,600	1	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$13,300	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 49 - Q**
Address : **79-15 PENELOPE AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0707.000 / 2296**
Area Sq Ft : **98,601**
Date of Survey : **13-Mar-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2990** **Lot** : **45**

Agency's Number : **Q049**
Yr Built/Renovated : **1933 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4069253**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$113,000	$130,700
Interior Architecture	$325,100	$512,000
Electrical	$102,200	$268,100
Total	**$540,400**	**$910,800**
Importance Code A	$113,000	$130,700
Importance Code B	$427,300	$681,400
Importance Code C		$98,700
Total	**$540,400**	**$910,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,500			
Interior Architecture	$37,700	$12,100	$5,500	$14,300
Electrical	$8,800	$8,100	$8,500	$14,200
Mechanical	$62,200	$16,300	$24,100	$74,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$130,100**	**$44,500**	**$46,100**	**$110,400**
Importance Code A	$20,800	$7,300	$7,300	$7,300
Importance Code B	$101,100	$32,200	$38,800	$103,100
Importance Code C	$8,200	$4,900		
Total	**$130,100**	**$44,500**	**$46,100**	**$110,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$43,600	
Masonry: Brick Cavity	35%			LIFE	* *	5	$50,800	
Recent Construction, Extent : Light, Area Affected : 100% *Location : New 2010 Addition*								
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Masonry: Limestone	20%			LIFE	* *	5	$21,800	
Metal Panel	5%			2051	* *	5-10	$49,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,400	
Window Wall	3%			2051	* *	5	$16,300	
Windows								
Aluminum	100%			2047	* *	5	$27,000	
Recent Installation, Extent : Light, Area Affected : 100% *Location : Throughout*								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$16,400	
Masonry: Brick Cavity	65%			LIFE	* *	5	$5,200	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Panel	5%			2051	* *	5	$1,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,500	
Roof								
Built-Up (BUR)	50%			2030	* *	10	$44,700	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : Old Wing*								
IRMA/Protected Membrane	48%	Now	$68,400	2033	* *			
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Over Exit 5, New Wing*								
Metal Panel	2%			2042	* *	10	$3,300	
Recent Replace Evident, Extent : Moderate, Area Affected : 100% *Location : Bulkheads*								
Interior								
Floors								
Carpet	5%			2026	$94,200	3	$14,800	
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	3%			2028	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	30%			2025	$376,500	3	$16,600	
Vinyl Tile	27%			2033	* *	3	$14,900	
Vinyl Tile 9" X 9"	20%			2020	$325,100	3	$14,800	
Wood	5%			2040	* *	5	$13,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2038	* *	5	$9,900	
Folding Partition	2%			2047	* *	5	$16,400	
Gypsum Board	30%			LIFE	* *	5	$59,200	
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$39,500	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%			2042	* *	5	$44,300	
Exposed Concrete	23%			LIFE	* *	5	$5,300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	2%			LIFE	* *	5	$3,700	
Plaster	40%			LIFE	* *	5	$36,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	60%			2051	* *	1		
Conduit	40%			2025	$69,000	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	50%			2047	* *	5	$1,300	
Molded Case Bkrs	40%			2024	$71,800	5	$1,000	
Wiring								
Braided Cloth	40%	2-4	$102,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Locally Mounted	50%			2042	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$30,300	
Generators								
Diesel	100%			2038	* *	1	$38,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated @ 250 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2060	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$85,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,800	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	2%			2033	* *	10	$1,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2033	* *	10		
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$2,900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Manual Pull Station, Horns, Strobe Lights, Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2045	* *	1		
Interruptible Gas/Dual Fuel	50%			2045	* *	1		
Conversion Equipment								
Furnace	50%			2033	* *	1	$24,400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Steam Boiler	50%			2038	* *	1	$48,800	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	50%	Now	$17,200	2045	* *	4	$2,400	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : F & T, And Vacuum Pump Leaks								
Unbalanced System, Extent : Severe, Area Affected : 10%								
Location : Bms Doesn't Work Properly								
No Component	50%							
Terminal Devices								
Convector/Radiator	50%	0-2	$23,300	2030	* *	1	$14,300	
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2033	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 70%								
Location : New Wing Roof								
Explanation : 4 Roof Top Units, R-410c Refrigerant								
Window/Wall Unit	15%			2020	$30,400	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$44,000	
No Component	20%							
Exhaust Fans								
Interior	30%			2025	$32,700	2	$900	
Roof	50%			2033	* *	2	$1,500	
No Component	20%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - Q

Asset # : 2296

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2020	$22,900	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) Floors 1-3 (1) L-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2051	* *	1-2	$13,800	
Fire Pump								
Generic	100%			2034	* *	1	$18,400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 5 - BX**		
Address	: **564 JACKSON AVENUE @ E.149 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X005**
Program / Asset #	: **BOE0158.000 / 525**	**Yr Built/Renovated**	: **1961 / 2007**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **2642** **Lot** : **1**	**BIN**	: **2004548**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$92,000	$130,400
Interior Architecture		$43,300
Electrical	$1,166,000	$397,900
Total	**$1,258,000**	**$571,700**
Importance Code A	$92,000	$130,400
Importance Code B	$1,166,000	$441,300
Total	**$1,258,000**	**$571,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,700		$7,500	
Interior Architecture	$26,700	$6,200	$15,400	$8,300
Electrical	$2,200	$45,800	$2,300	$1,800
Mechanical	$42,300	$26,300	$34,800	$12,600
Total	**$109,900**	**$78,300**	**$60,000**	**$22,700**
Importance Code A	$47,500	$8,800	$16,500	$8,800
Importance Code B	$35,700	$69,500	$43,600	$13,900
Importance Code C	$26,700			
Total	**$109,900**	**$78,300**	**$60,000**	**$22,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$11,500	
Masonry: Brick	93%			LIFE	* *	5	$76,000	
Masonry: Brick	2%	Now	$4,900	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Metal Panel	2%	0-2	$2,400	2043	* *	5	$3,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Windows								
Aluminum	85%			2039	* *	5	$15,000	
Glass Block	3%			LIFE	* *	5	$300	
Metal Louvers	2%			2032	* *	10	$2,200	
Steel	10%	Now	$92,000	2048	* *	5	$11,000	
Air Infiltration, Extent : Light, Area Affected : 100%								
Location : Throughout								
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$2,900	
Metal Rail	50%			2036	* *	5-10	$87,000	
Metal: Cage/Fence	20%			2036	* *	5-10	$14,900	
Roof								
Built-Up (BUR)	98%	Now	$31,500	2028	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Copper/Terne	2%			2051	* *	10	$3,500	
Interior								
Floors								
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	93%			2028	* *	3	$46,300	
Loose/Delam Surface, Extent : Light, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2038	* *	5	$12,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$9,700	2032	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Boys Restrooms On Second And Third Floors								
Concrete Masonry Unit	13%	4+	$17,000	LIFE	* *	5	$6,100	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stairs, Auditorium								
Marble Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,400	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2036	* *	5	$26,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
AcousTileConcealSpLn	10%			2040	* *	5	$16,600	
Recent Replace Evident, Extent : Light, Area Affected : 90%								
Location : First Floor								
Exposed Concrete	50%			LIFE	* *	5	$10,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$43,300			
Plaster	10%			LIFE	* *	5	$8,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	60%			2022	$107,600	5	$1,400	
Molded Case Bkrs	30%			2045	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$127,800	2048	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$76,700	1		
Thermoplastic	20%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	52%			2018	$512,700	10	$42,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	35%			2031	* *	10	$28,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircases & 4th Floor								
Explanation : T-8 Lamps								
HID	3%			2018	$21,300	10	$100	
Incandescent	10%			2018	$98,600	2	$200	
Egress Lighting								
Emergency, Battery	50%			2018	$59,900	10	$10,700	
Exit, Service	50%			2018	$12,000	1		
Exterior Lighting								
HID	100%			2018	$324,800	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$15,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$27,500	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$87,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 5 - BX

Asset # : 525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	* *	1	$11,000	
Induction Unit	80%			2036	* *	1	$22,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2031	* *	2	$5,400	
Heat Rejection								
Remote Air Cond	100%			2031	* *	2	$61,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,500	
Exhaust Fans								
Interior	40%			2028	* *	2	$1,100	
Roof	60%			2031	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$13,300	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Meter Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Meter Room - Fan Room								
HW Heat Exchanger								
Low Temp	100%	Now	$600	2033	* *	4	$8,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Flushing Valve Is Inoperable								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 50 - M (UDC & ECF)**		
Address	: **433 EAST 100 STREET @FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M050**
Program / Asset #	: **BOE0029.000 / 1670**	**Yr Built/Renovated**	: **1975 / 2012**
Area Sq Ft	: **118,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,ph**		
Block	: **1694** **Lot** : **1**	**BIN**	: **1083933**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$708,100	$631,000
Interior Architecture	$177,800	$79,700
Electrical	$555,100	$938,600
Mechanical	$160,100	$1,380,700
Total	**$1,601,100**	**$3,030,000**
Importance Code A	$708,100	$673,000
Importance Code B	$792,800	$2,357,000
Importance Code C	$100,300	
Total	**$1,601,100**	**$3,030,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,600		$6,300	
Interior Architecture	$94,600	$13,100	$1,100	$10,300
Electrical	$5,200	$4,800	$23,600	$4,100
Mechanical	$19,600	$44,900	$45,400	$35,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$138,100**	**$66,700**	**$80,400**	**$54,100**
Importance Code A	$14,600		$6,600	
Importance Code B	$78,500	$62,700	$73,900	$54,100
Importance Code C	$44,900	$4,000		
Total	**$138,100**	**$66,700**	**$80,400**	**$54,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC & ECF)

Asset # : 1670

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%	Now	$316,300	LIFE	* *	5	$140,200	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Main Entry								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Concrete Masonry Unit	72%			LIFE	* *	5	$50,500	
Metal Panel	3%			2034	* *	5-10	$23,100	
Windows								
Aluminum	100%	Now	$303,700	2040	* *	5	$12,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5	$6,800	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,200	
Concrete Masonry Unit	85%	0-2	$14,600	LIFE	* *	5	$12,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$88,100	2024	$440,300			
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Exit 2 And 5								
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$7,600	LIFE	* *	5	$79,700	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Minor Cracks								
Ceramic Tile	10%			2033	* *	5	$18,200	
Quarry Tile	20%			2037	* *	5	$54,700	
Vinyl Tile	45%			2029	* *	3	$41,000	
Vinyl Tile	5%			2019	$77,500	3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Teacher Lounge								
Explanation : 9 inch X 9 inch Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC & ECF)

Asset # : 1670

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$10,200	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Foundation Wall								
Ceramic Tile	5%			2033	* *	5	$8,100	
Concrete Masonry Unit	28%	Now	$100,300	LIFE	* *	5	$18,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement, Penthouse								
Explanation : Open Joints At Basement Wall								
Operable Wall	5%	Now	$34,700	2044	* *	5	$14,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Multipurpose Room								
Explanation : Difficult To Move, Tracking Off								
Plaster	58%			LIFE	* *	5	$28,100	
Wood	2%			LIFE	* *	5	$12,900	
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	$9,100	
Exposed Concrete	10%			LIFE	* *	5	$2,800	
Exposed Concrete	62%			LIFE	* *	5	$17,600	
Other Observation, Extent : Moderate, Area Affected : 62%								
Location : Throughout								
Explanation : Precast Waffle Construction								
Gypsum Board	15%			LIFE	* *	5	$34,200	
Metal Panel	3%			LIFE	* *	5	$6,800	
Plaster	5%			LIFE	* *	5	$5,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps & One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$156,400	5	$400	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	10%			2044	* *	1		
Conduit	90%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC & ECF)

Asset # : 1670

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$300	
Molded Case Bkrs	85%			2023	$152,500	5	$2,600	
Molded Case Bkrs	5%			2040	* *	5	$200	
Wiring								
Thermoplastic	90%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%			2022	$34,500	5	$200	
Motor Control Center	70%			2022	$505,600	5	$2,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	78%			2029	* *	10	$87,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2029	* *	10	$22,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	2%			2019	$19,400	10	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$82,100	10	$14,700	
Exit, Service	50%			2024	$16,400	1		
Exterior Lighting								
HID	100%			2019	$445,700	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$22,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC & ECF)

Asset # : 1670

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$85,000	2034	* *	4	$6,000	
Steam Traps Faulty, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%			2024	$262,700	1	$30,100	
Convector/Radiator	60%			2029	* *	1	$23,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$3,300	2024	$165,300	1	$20,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Boiler Room Mezzanine								
Explanation : 3 Units: A C -3 Needs Control Repairs								
Window/Wall Unit	30%			2019	$75,100	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	100%			2034	* *	4	$9,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2024	$674,600	1	$75,300	
Heat Rejection								
Air Condenser Unit	100%			2024	$170,300	2	$84,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	80%			2024	$107,700	2	$3,000	
Roof	20%			2024	$19,400	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Under Construction	100%							
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$18,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - M (UDC & ECF)

Asset # : 1670

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units In 2 Locations / One Under Repair								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor To Roof								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$61,400	
Sprinkler								
No Component	85%							
Generic	15%			2034	* *	1-2	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 50 - Q**
Address : **143-26 101 AVENUE BTWN: ALLENDALE ST., LIVERPOOL**
Borough : **QUEENS** **Agency's Number** : **Q050**
Program / Asset # : **BOE0708.000 / 2652** **Yr Built/Renovated** : **1922 / 2014**
Area Sq Ft : **54,000** **Project Type** : **EDUCATION**
Date of Survey : **02-May-2014** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **10024** **Lot** : **12** **BIN** : **4214461**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$239,500	$176,500
Interior Architecture	$141,900	$671,500
Electrical	$203,900	$873,200
Mechanical	$49,100	$419,600
Total	**$634,500**	**$2,140,900**
Importance Code A	$239,500	$176,500
Importance Code B	$394,900	$1,964,300
Total	**$634,500**	**$2,140,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,600		$20,200
Interior Architecture		$1,600	$11,100	$15,600
Electrical	$600	$1,300	$600	$1,200
Mechanical	$38,800	$13,400	$17,300	$40,700
Total	**$39,400**	**$20,000**	**$29,000**	**$77,700**
Importance Code A	$5,500	$9,100	$5,500	$25,800
Importance Code B	$33,900	$9,300	$23,500	$51,800
Importance Code C		$1,600		
Total	**$39,400**	**$20,000**	**$29,000**	**$77,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,300	
Masonry: Brick	65%			LIFE	* *	5	$67,100	
Metal Panel	5%			2051	* *	5-10	$35,500	
Under Construction	25%							
Windows								
Aluminum	98%	Now	$239,500	2047	* *	5	$14,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Louvers	2%			2028	* *	10	$3,600	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$6,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	5%			2030	* *	10	$1,400	
IRMA/Protected Membrane	65%			2030	* *	10	$18,800	
IRMA/Protected Membrane	30%			2025	$69,100	10	$8,700	
Interior								
Floors								
Ceramic Tile	3%			2034	* *	5	$2,500	
Terrazzo	2%			LIFE	* *	5	$1,300	
Vinyl Tile	95%			2025	$671,500	3	$29,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2028	* *	5	$3,100	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	68%			LIFE	* *	5	$21,100	
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	2%			LIFE	* *	5	$8,300	
Ceilings								
AcousTileConcealSpLn	10%			2030	* *	5	$10,400	
AcousTileSusp.Lay-In	25%			2030	* *	5	$20,800	
Plaster	65%	Now	$141,900	LIFE	* *	5	$33,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 5th Floor, Stair B								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : 5th Floor, Stair B								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bolted Pressure Contact Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$200	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Molded Case Bkrs	95%			2033	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	94%			2025	$580,000	10	$47,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2025	$30,800	10	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria And Boiler Room								
Explanation : T-8 Lamps								
Fluorescent	1%			2025	$6,200	10	$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	50%			2025	$37,500	10	$6,700	
Exit, Service	50%			2025	$7,500	1		
Exterior Lighting								
HID	100%			2020	$203,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only ; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$167,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights And Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,400	2035	* *	4	$2,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Terminal Devices								
Air Handler	35%			2025	$104,800	1	$12,000	
Convector/Radiator	60%			2023	$314,800	1	$10,800	
Unit Heater-Stm/HW	5%			2025	$17,900	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$5,700	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,000	
Exhaust Fans								
Interior	80%			2020	$49,100	2	$1,400	
Roof	20%			2020	$8,800	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$12,900	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q

Asset # : 2652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$29,000	
Sprinkler								
No Component	95%							
Generic	5%			2025	$32,400	1-2	$800	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 50 - Q MINISCHOOL**
Address : **143-26 101 AVENUE BTWN: ALLENDALE ST., LIVERPOOL**
Borough : **QUEENS**
Agency's Number : **Q850**
Program / Asset # : **BOE0708.010 / 2805**
Yr Built/Renovated : **1971 / 1992**
Area Sq Ft : **9,000**
Project Type : **EDUCATION**
Date of Survey : **02-May-2014**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **10024** **Lot** : **12** **BIN** : **4214461**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$153,500	
Interior Architecture		$104,800
Electrical		$101,700
Mechanical		$117,900
Total	**$153,500**	**$324,400**
Importance Code A	$153,500	
Importance Code B		$324,400
Total	**$153,500**	**$324,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,300			
Interior Architecture			$1,900	$8,300
Electrical	$100	$200	$100	$200
Mechanical	$700	$500	$1,400	$1,400
Total	**$21,100**	**$700**	**$3,400**	**$9,900**
Importance Code A	$20,700	$500	$500	$500
Importance Code B	$300	$300	$2,900	$9,500
Importance Code C				
Total	**$21,100**	**$700**	**$3,400**	**$9,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q MINISCHOOL

Asset # : 2805

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$20,300	2035	* *	5	$26,400	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Playground Side								
Windows								
Aluminum	100%	2-4	$90,300	2050	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$63,200	2030	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,500	
Ceramic Tile	5%			2034	* *	5	$700	
Vinyl Tile	90%			2025	$104,800	3	$4,600	
Interior Walls								
Concrete Masonry Unit	70%			LIFE	* *	5	$3,400	
Metal Panel	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	100%			2030	* *	5	$16,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 12, 13 And Various Others								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	* *	5	$200	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5		
Molded Case Bkrs	90%			2033	* *	5	$200	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q MINISCHOOL

Asset # : 2805

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$101,700	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$6,200	10	$1,100	
Exit, Service	50%			2025	$1,200	1		
Exterior Lighting								
HID	100%			2025	$34,000	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$8,200	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$28,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$11,200	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$117,900	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - Q MINISCHOOL

Asset # : 2805

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2025	$9,100	2	$300	
Roof	10%			2025	$700	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2020	$900	1	$600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 50 - SI**
Address : **200 ADELAIDE AVENUE @ PLATT ST.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0935.000 / 1412**
Area Sq Ft : **83,000**
Date of Survey : **13-Mar-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4716** **Lot** : **60**
Agency's Number : **R050**
Yr Built/Renovated : **1957 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5063495**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$247,000	$115,100
Interior Architecture	$560,200	$475,000
Electrical	$574,100	$1,148,500
Mechanical		$286,000
Total	**$1,381,300**	**$2,024,600**
Importance Code A	$247,000	$115,100
Importance Code B	$1,134,300	$1,909,500
Total	**$1,381,300**	**$2,024,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,700	$12,800		
Interior Architecture	$74,800		$1,600	$12,300
Electrical	$25,800	$3,200	$2,800	$2,400
Mechanical	$22,400	$31,500	$19,900	$11,700
Total	**$138,700**	**$47,600**	**$24,300**	**$26,300**
Importance Code A	$24,200	$21,400	$8,400	$8,400
Importance Code B	$104,200	$26,100	$15,900	$17,900
Importance Code C	$10,300			
Total	**$138,700**	**$47,600**	**$24,300**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$1,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 2008, Throughout								
Glazed Ceramic Panel	5%	Now	$10,000	LIFE	* *	5	$14,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$55,200	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 2008, Throughout								
Parapets								
Masonry: Brick	70%	Now	$88,200	LIFE	* *	5	$15,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : 2008, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%	Now	$5,700	LIFE	* *	5	$1,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	25%			2043	* *	5-10	$98,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 2008, Throughout								
Roof								
Built-Up (BUR)	100%			2028	* *	10	$120,100	
Interior								
Floors								
Ceramic Tile	3%			2026	$74,100	5	$3,800	
Terrazzo	5%	Now	$14,800	LIFE	* *	5	$5,000	
Uneven Surface, Extent : Moderate, Area Affected : 5%								
Location : Sill At Exit								
Vinyl Tile	37%	Now	$40,100	2023	$400,900	3	$17,700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	10%			2031	* *	3	$4,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 2007, Throughout								
Vinyl Tile	40%	Now	$86,700	2018	$433,400	3	$19,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 9x9 Units, Basement, Rooms 105, 107, 2nd Fl. Throughout								
Wood	5%			2051	* *	5	$11,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,400	
Concrete Masonry Unit	5%	Now	$7,100	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%			LIFE	* *	5	$25,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$23,500	2028	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%	Now	$12,800	2028	* *	5	$19,800	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Fiber Board	5%			2028	* *			
Gypsum Board	10%			LIFE	* *	5	$15,800	
Plaster	40%	Now	$13,300	LIFE	* *	5	$31,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$400	
Raceway								
Conduit	25%			2033	* *	1		
Conduit	70%			2023	$120,800	1		
Conduit	5%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	20%			2031	* *	5	$400	
Molded Case Bkrs	65%			2022	$116,600	5	$1,400	
Molded Case Bkrs	5%			2048	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	65%	2-4	$166,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	20%			2023	$51,100	1		
Thermoplastic	5%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Motor Controllers								
Locally Mounted	65%			2028	* *	5	$400	
Locally Mounted	30%	2-4	$22,700	2043	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	5%			2043	* *	5		
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	84%			2023	$794,400	10	$65,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	3%			2031	* *	10	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office								
Explanation : T-8 Lamps								
HID	3%			2023	$20,400	10	$100	
Incandescent	10%			2018	$94,600	2	$200	
Egress Lighting								
Emergency, Service	50%			2023	$20,900	1		
Exit, Service	50%			2023	$11,500	1		
Exterior Lighting								
HID	100%			2018	$313,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$15,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$84,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2023	$91,800	1	$10,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	80%			2028	* *	1	$22,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$140,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,500	
Exhaust Fans								
Interior	20%			2023	$18,800	2	$500	
Roof	80%			2023	$54,200	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%	Now	$2,000	2018	$19,800	2	$1,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Unreliable Burner Operation								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,600	
Sanitary Piping								
Cast Iron	1%	Now	$1,800	LIFE	* *	1		
Broken, Extent : Light, Area Affected : 5%								
Location : Basement, Deteriorated Sewer Pipe Fittings								
Cast Iron	99%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - SI

Asset # : 1412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 51 - M**
Address : **525 W.44 STREET BTWN: 10 AVE., 11 AVE.**
Borough : **MANHATTAN**
Agency's Number : **M338**
Program / Asset # : **BOE1125.000 / 14745**
Yr Built/Renovated : **2013 /**
Area Sq Ft : **96,476**
Project Type : **EDUCATION**
Date of Survey : **14-Jan-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1073** **Lot** : **14**
BIN : **1088462**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,100	$254,000
Interior Architecture	$49,700	$114,300
Electrical		$88,500
Total	**$94,800**	**$456,800**
Importance Code A	$45,100	$254,000
Importance Code B	$49,700	$138,200
Importance Code C		$64,600
Total	**$94,800**	**$456,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$32,400
Interior Architecture	$15,300			$45,900
Electrical	$7,800	$7,800	$7,800	$16,000
Mechanical	$18,800	$15,300	$33,300	$27,600
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$53,800**	**$35,000**	**$53,000**	**$133,600**
Importance Code A	$4,800	$4,800	$4,800	$37,300
Importance Code B	$49,000	$30,200	$48,200	$69,400
Importance Code C				$26,900
Total	**$53,800**	**$35,000**	**$53,000**	**$133,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 - M

Asset # : 14745

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$96,200	
Metal Panel	20%			2055	* *	5-10	$165,300	
Windows								
Aluminum	100%			2050	* *	5	$35,200	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$37,600	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,100	
Masonry: Brick	35%			LIFE	* *	5	$3,600	
Metal Rail	20%			2045	* *	5-10	$37,600	
Roof								
Plaza Roof: Stone Panels	100%			2055	* *			
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Ceramic Tile	5%			2040	* *	5	$7,200	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	85%			2035	* *	3	$61,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	30%			2040	* *	5	$53,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,600	
Gypsum Board	60%			LIFE	* *	5	$64,600	
Ceilings								
AcousTileSusp.Lay-In	90%			2042	* *	5	$99,500	
Embossed Metal	5%			LIFE	* *	5	$2,500	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps & One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch For Fire Pump & Emergency								
Transformers								
Dry Type	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elevator - 5th Floor								
Explanation : One 42 Kva 480-277v Sec/218-208-198v Pri								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 - M

Asset # : 14745

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$400	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2050	* *	5	$200	
Molded Case Bkrs	90%			2050	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	60%			2045	* *	5	$400	
Variable Frequency Drive	40%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$29,700	
Generators								
Diesel	100%			2040	* *	1	$37,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2065	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	10%			2035	* *	10	$8,800	
T-5 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Lobby & Hallways								
Fluorescent	90%			2035	* *	10	$79,600	
T-8 Lamps, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, Service	40%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 - M

Asset # : 14745

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$10,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Furnace	85%			2035	* *	1	$40,500	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Hot Water Boiler	15%			2045	* *	1	$7,200	
Other Observation, Extent : Light, Area Affected : 15%								
Location : 5th Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	15%			2050	* *	4	$1,100	
No Component	85%							
Terminal Devices								
Convector/Radiator	15%			2045	* *	1	$4,700	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2035	* *	2	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Package Units Using 410-a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,800	
Exhaust Fans								
Roof	100%			2035	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 51 - M

Asset # : 14745

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2025	$22,400	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2035	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-6								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2055	* *	1-5	$48,600	
Sprinkler								
Generic	100%			2055	* *	1-2	$27,000	
Fire Pump								
Generic	100%			2040	* *	1	$18,000	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 52 - BK**		
Address	: **2675 EAST 29TH ST. @ VOORHIES AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K052**
Program / Asset #	: **BOE0381.000 / 2515**	**Yr Built/Renovated**	: **1950 / 2007**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,p**		
Block	: **7474** **Lot** : **1**	**BIN**	: **3205435**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,900	$85,000
Interior Architecture	$916,000	$90,600
Electrical	$264,400	$1,533,700
Mechanical	$282,200	
Total	**$1,560,500**	**$1,709,300**
Importance Code A	$97,900	$122,000
Importance Code B	$1,318,800	$1,587,300
Importance Code C	$143,800	
Total	**$1,560,500**	**$1,709,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,600			$15,800
Interior Architecture	$122,800			$12,200
Electrical	$29,500	$2,500	$48,100	$2,000
Mechanical	$25,200	$15,800	$28,200	$13,500
Total	**$206,100**	**$18,300**	**$76,300**	**$43,600**
Importance Code A	$37,800	$9,200	$9,400	$25,100
Importance Code B	$158,600	$9,100	$66,900	$18,600
Importance Code C	$9,700			
Total	**$206,100**	**$18,300**	**$76,300**	**$43,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$51,300	LIFE	* *	5	$85,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$31,600	
Parapets								
Masonry: Brick	90%	0-2	$46,600	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	10%	0-2	$3,800	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$21,500	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Penthouse, Exhaust Duct Penetration Through Roof								
Copper/Terne	5%	0-2	$3,300	2052	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,600	
Ceramic Tile	5%	Now	$27,100	2027	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sheet Vinyl/Rubber	1%	0-2	$24,900	2029	* *	5	$1,000	
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	20%			2032	* *	3	$14,000	
Vinyl Tile	50%	Now	$178,200	2019	$594,000	3	$26,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Wood	9%			2052	* *	5	$23,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$9,700	2033	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Plaster	55%	Now	$62,100	LIFE	* *	5	$23,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	0-2	$81,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$14,000	2037	* *	5	$21,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$10,800	
Fiber Board	10%	Now	$4,500	2024	$90,600			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	15%	Now	$27,300	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : Three 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2034	* *	5	$200	
Fused Knife Sw	50%	2-4	$85,500	2054	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2024	$138,100	1		
Conduit	20%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Fused Knife Sw	10%	2-4	$17,900	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Fused Toggle Switch	5%	2-4	$9,000	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Molded Case Bkrs	20%			2032	* *	5	$500	
Molded Case Bkrs	55%			2023	$98,700	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$933,200	10	$77,100	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2024	$51,800	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Using T-8 Lamps								
HID	2%			2019	$14,900	10	$100	
Incandescent	3%			2019	$31,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$63,000	10	$11,300	
Exit, Service	50%			2024	$12,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$55,100	1	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2029	* *	1-3	$11,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$92,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Natural Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	50%			2050	* *	4	$3,500	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Boiler Room Steam And Condensate Piping, Steam Traps, Condensate Vaccuum Pumps Were Replaced In 2007								
Steam Piping/Pump	50%			2034	* *	4	$3,500	
Terminal Devices								
Air Handler	20%	0-2	$2,000	2019	$100,700	1	$10,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room, Defective Cafeteria Blower Fan Drive System.								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gym, Auditorium & Cafeteria Blowers Are Beyond Their Useful Life Cycle								
Convector/Radiator	80%	0-2	$35,300	2029	* *	1	$21,700	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : First Floor Male Toilet Room And Other Locations, Broken Danfoss Valve								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	0-2	$5,800	2019	$57,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - BK

Asset # : 2515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2019	$51,600	2	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle								
Roof	50%	Now	$3,700	2019	$37,100	2	$1,100	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Roof, Multiple Mechanical And / Or Electrical Defects On 3 Of 6 Units								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, Exhaust Fans Are Beyond Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,700	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,600	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Sump Pump(s)								
Submersible	100%	0-2	$700	2019	$6,700	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Controls								
Backflow Preventer								
Generic	100%			2032	* *	1	$5,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 52 - Q**				
Address	: **GUY R. BREWER BLVD & 146 TERRACE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q052**
Program / Asset #	: **BOE0709.000 / 969**			**Yr Built/Renovated**	: **1927 / 2012**
Area Sq Ft	: **63,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **13353**	**Lot**	: **20**	**BIN**	: **4285972**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$225,900	$179,600
Interior Architecture	$493,700	$308,000
Electrical	$1,343,000	$202,500
Mechanical	$265,000	
Total	**$2,327,600**	**$690,100**
Importance Code A	$225,900	$179,600
Importance Code B	$1,956,200	$510,500
Importance Code C	$145,500	
Total	**$2,327,600**	**$690,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,300			
Interior Architecture	$49,900		$12,100	$6,700
Electrical	$1,500	$1,600	$10,300	$1,700
Mechanical	$49,500	$9,400	$43,700	$9,400
Total	**$115,300**	**$10,900**	**$66,100**	**$17,700**
Importance Code A	$30,100	$6,400	$6,400	$6,500
Importance Code B	$46,600	$4,500	$59,700	$11,200
Importance Code C	$38,600			
Total	**$115,300**	**$10,900**	**$66,100**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$62,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$108,400	LIFE	* *	5	$2,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Wood	100%	0-2	$65,600	2040	* *	5	$116,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	25%	Now	$14,300	LIFE	* *	5	$2,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms								
Masonry: Brick	65%			LIFE	* *	5	$6,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2029	* *	10	$52,000	
Copper/Terne	5%			2052	* *	10	$6,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$60,400	LIFE	* *	5	$42,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	3%	2-4	$11,200	2033	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	30%	2-4	$246,700	2034	* *	3	$10,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Units								
Vinyl Tile	10%			2034	* *	3	$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	25%	0-2	$41,100	2024	$205,600	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	12%			2039	* *	5	$21,800	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$2,900	
Concrete Masonry Unit	5%	0-2	$21,600	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%	0-2	$57,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	0-2	$15,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	65%	0-2	$50,800	LIFE	* *	5	$19,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	10%	0-2	$37,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Plaster	100%			LIFE	* *	5	$60,100	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5	$100	
Fused Disc Sw	10%			2023	$13,500	5	$100	
Molded Case Bkrs	10%			2023	$13,500	5	$200	
Molded Case Bkrs	75%			2046	* *	5	$1,200	
Wiring								
Braided Cloth	50%	0-2	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2050	* *	1		
Thermoplastic	30%			2024	$52,200	1		
Motor Controllers								
Locally Mounted	50%			2022	$37,800	5	$200	
Locally Mounted	50%			2041	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$646,100	10	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2032	* *	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-8 Lamps								
Incandescent	5%			2019	$35,900	2	$100	
Egress Lighting								
Emergency, Battery	25%			2032	* *	10	$3,900	
Emergency, Battery	25%			2019	$21,800	10	$3,900	
Exit, Service	25%			2032	* *	1		
Exit, Service	25%			2019	$4,400	1		
Exterior Lighting								
HID	100%			2019	$237,900	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$261,000	1-3	$15,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$15,700	2037	* *	1	$57,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Burner #3								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,600	2044	* *	4	$3,200	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Convector/Radiator	80%			2029	* *	1	$16,700	
Fan Coil Unit/Heat	20%	Now	$193,500	2034	* *	1	$3,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$700	2019	$13,300	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,000	
Exhaust Fans								
Interior	100%			2019	$71,400	2	$2,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$15,000	2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - Q

Asset # : 969

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$3,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$900	
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 52 - SI**		
Address	: **450 BUEL AVENUE @NUGENT AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R052**
Program / Asset #	: **BOE0937.000 / 1413**	**Yr Built/Renovated**	: **1965 / 2013**
Area Sq Ft	: **71,270**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3705** **Lot** : **1**	**BIN**	: **5053746**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$69,000	$102,400
Interior Architecture	$607,700	
Electrical	$783,700	$930,900
Mechanical	$615,100	$325,100
Total	**$2,075,400**	**$1,358,400**
Importance Code A	$373,300	$102,400
Importance Code B	$1,702,100	$1,256,000
Total	**$2,075,400**	**$1,358,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,800		$9,100	
Interior Architecture	$79,000		$6,900	$2,800
Electrical	$200	$2,200	$33,200	$2,100
Mechanical	$97,800	$11,000	$48,600	$11,000
Elevators/Escalators	$10,700	$10,700	$10,700	$10,700
Total	**$221,500**	**$23,900**	**$108,300**	**$26,500**
Importance Code A	$34,300	$6,700	$16,000	$6,700
Importance Code B	$139,400	$17,200	$92,400	$19,800
Importance Code C	$47,700			
Total	**$221,500**	**$23,900**	**$108,300**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$47,600	
Masonry: Brick	90%			LIFE	* *	5	$54,800	
Windows								
Aluminum	95%			2046	* *	5	$13,000	
Glass Block	5%			LIFE	* *	5	$400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,900	
Masonry: Brick	20%			LIFE	* *	5	$2,000	
Metal: Cage/Fence	75%			2037	* *	5-10	$57,900	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$69,000	
Copper/Terne	5%			2039	* *	10	$9,100	
Interior								
Floors								
Ceramic Tile	5%	Now	$21,300	2033	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$8,300	
Terrazzo	17%			LIFE	* *	5	$14,600	
Vinyl Tile	50%			2019	$468,100	3	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%			2029	* *	3	$11,000	
Wood	3%			2052	* *	5	$6,200	
Interior Walls								
Cast in Place Concrete	5%	0-2	$15,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$26,900	2033	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Bathrooms								
Concrete Masonry Unit	5%	0-2	$5,400	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$17,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	Now	$81,800	2037	* *	5	$22,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	40%	Now	$57,800	LIFE	* *	5	$27,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2054	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Electrical Systems Damaged By Super Storm Sandy Have Been Replaced								
Molded Case Bkrs	10%			2054	* *	5	$200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	60%			2023	$80,700	5	$1,100	
Molded Case Bkrs	25%			2049	* *	5	$500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	20%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$300	
Locally Mounted	30%			2044	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$500	
Generic	50%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	75%			2024	$612,800	10	$50,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2032	* *	10	$10,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallway & Lunch Room								
Explanation : T-8 Lamps								
HID	2%			2019	$11,700	10		
Incandescent	8%			2019	$65,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$49,600	10	$8,900	
Exit, Service	50%			2019	$9,900	1		
Exterior Lighting								
HID	100%			2019	$269,200	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%	Now	$295,300	2034	* *	1-3	$16,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	85%	Now	$92,400	2034	* *	5	$9,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
Natural Gas	15%			2044	* *	1		
Conversion Equipment								
Furnace	15%			2032	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Extention Roof								
Explanation : 4 Units - Part Of A C System								
Steam Boiler	85%	Now	$304,400	2044	* *	1	$55,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units Are Flood Damaged Because Of Sandy Storm								
Distribution								
Steam Piping/Pump	85%	Now	$218,300	2044	* *	4	$3,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
No Component	15%							
Terminal Devices								
Air Handler	30%	Now	$23,800	2024	$119,000	1	$12,300	
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
Convector/Radiator	40%			2029	* *	1	$9,500	
Fan Coil Unit/Heat	15%			2024	$165,200	1	$3,600	
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2029	* *	2	$700	
Window/Wall Unit	20%			2019	$30,200	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,000	
Exhaust Fans								
Interior	30%	Now	$7,300	2024	$24,400	2	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
Roof	70%			2024	$40,900	2	$1,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2034	* *	1		
Galv Iron/Steel	70%	Now	$7,700	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Basement - Flood Damaged Because Of Sandy Storm								
Water Heater								
Gas Fired	100%	Now	$17,100	2024	$17,100	2	$900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
Sanitary Piping								
Cast Iron	100%	Now	$8,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Backup From City Sewer								
Storm Drain Piping								
Cast Iron	100%	Now	$10,300	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Flood Damaged Because Of Sandy Storm								
Explanation : Backup From City Sewer								
Sump Pump(s)								
Rigid Piping	85%	Now	$9,400	2034	* *	4	$1,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
No Component	15%							
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2034	* *	4	$1,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flood Damaged Because Of Sandy Storm								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 52 - SI

Asset # : 1413

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul-102*								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 53 - SI**
Address : **330 DURANT AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0938.000 / 1414**
Area Sq Ft : **67,000**
Date of Survey : **30-Jan-2012**
Areas Surveyed : **Roof, Floors 1,3**
Block : **5106** **Lot** : **1**

Agency's Number : **R053**
Yr Built/Renovated : **1966 / 2007**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5065016**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$86,400	$396,500
Interior Architecture	$270,400	$572,000
Electrical	$706,900	$619,800
Mechanical		$74,600
Total	**$1,063,700**	**$1,662,900**
Importance Code A	$86,400	$433,500
Importance Code B	$977,300	$1,229,400
Total	**$1,063,700**	**$1,662,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,700		$6,400	
Interior Architecture	$52,500	$600		$11,000
Electrical	$1,900	$8,400	$1,100	$1,200
Mechanical	$24,400	$34,500	$16,200	$9,600
Total	**$108,500**	**$43,500**	**$23,800**	**$21,700**
Importance Code A	$36,500	$7,000	$13,300	$6,800
Importance Code B	$72,000	$36,500	$10,500	$14,900
Importance Code C				
Total	**$108,500**	**$43,500**	**$23,800**	**$21,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	0-2	$86,400	LIFE	* *	5	$57,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$12,900	
Parapets								
Metal: Cage/Fence	100%			2036	* *	5-10	$72,600	
Roof								
Built-Up (BUR)	95%	Now	$29,700	2023	$296,900			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2051	* *	10	$8,500	
Interior								
Floors								
Ceramic Tile	5%	0-2	$20,100	2032	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	65%			2023	$572,000	3	$33,600	
Vinyl Tile	20%	Now	$52,800	2018	$176,000	3	$7,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	5%			2033	* *	3	$1,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,700	
Plaster	65%			LIFE	* *	5	$17,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	0-2	$24,000	2028	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	25%	Now	$41,600	LIFE	* *	5	$4,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Play Ground Located Under Building Overhang								
Plaster	50%			LIFE	* *	5	$32,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$20,200	5	$200	
Molded Case Bkrs	80%			2022	$107,600	5	$1,400	
Molded Case Bkrs	5%			2045	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$130,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2049	* *	1		
Thermoplastic	20%			2023	$34,800	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	10%			2018	$76,800	10	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Fluorescent	85%			2031	* *	10	$53,900	
Incandescent	5%			2018	$38,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$46,600	10	$8,300	
Exit, Service	5%			2031	* *	1		
Exit, Service	45%			2023	$8,400	1		
Exterior Lighting								
HID	100%			2018	$253,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$208,200	1-3	$12,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - SI

Asset # : 1414

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$21,400	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$68,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2023	$74,600	1	$8,600	
Convector/Radiator	80%			2028	* *	1	$17,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$14,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,600	
Exhaust Fans								
Interior	40%	Now	$3,100	2023	$30,600	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 25%								
Location : Fans For Gymnasium And Auditorium, Fan Room								
Roof	60%	Now	$6,600	2023	$33,000	2	$1,000	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$10,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 53/ 811 - M**		
Address	: **466 WEST END AVENUE @W. 82 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M841**
Program / Asset #	: **BOE0152.000 / 520**	**Yr Built/Renovated**	: **1895 / 2002**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1230** **Lot** : **1**	**BIN**	: **1032754**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$87,500	$298,200
Electrical	$49,900	$253,000
Mechanical		$159,400
Total	**$137,400**	**$710,600**
Importance Code A	$87,500	$298,200
Importance Code B	$49,900	$412,400
Total	**$137,400**	**$710,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,900		$7,300	$5,800
Interior Architecture	$11,900	$2,100	$19,700	$9,400
Electrical	$8,700	$5,300	$5,500	$8,900
Mechanical	$37,500	$25,800	$73,900	$30,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$92,000**	**$38,100**	**$111,400**	**$59,400**
Importance Code A	$34,500	$5,500	$12,900	$11,300
Importance Code B	$54,900	$32,600	$98,500	$48,000
Importance Code C	$2,600			
Total	**$92,000**	**$38,100**	**$111,400**	**$59,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	3%			2059	* *	10	$7,300	
Masonry: Brick	90%			LIFE	* *	5	$92,900	
Masonry: Limestone	7%			LIFE	* *	5	$5,400	
Windows								
Aluminum	40%			2040	* *	5	$11,700	
Wood	60%			2032	* *	5	$175,000	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$6,000	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	10%	Now	$4,000	2029	* *	5	$5,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$1,400	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Clay Tile	30%			2034	* *	10	$8,700	
Modified Bitumen	70%	Now	$23,600	2024	$117,800			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 422								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Ceramic Tile	5%			2033	* *	5	$4,200	
Vinyl Tile	90%			2029	* *	3	$37,400	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$5,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	20%			LIFE	* *	5	$12,400	
Masonry: Brick	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$20,200	
Ceilings								
AcousTileConcealSpLn	30%			2029	* *	5	$31,200	
AcousTileSusp.Lay-In	10%			2029	* *	5	$8,300	
Plaster	60%			LIFE	* *	5	$31,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 422								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$16,600	
Generators								
Diesel	100%			2033	* *	1	$20,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kw Onan Diesel Genset								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$2,000	
Fuel Storage								
Day Tank	50%			2040	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Gallons Capacity								
Main Tank	50%			2052	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Oil Room								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$49,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2024	$8,900	10		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$203,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$49,000	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2040	* *	4	$1,400	
Steam Piping/Pump	50%			2044	* *	4	$1,400	
Terminal Devices								
Air Handler	50%			2029	* *	1	$17,200	
Fan Coil Unit/Heat	50%			2029	* *	1	$9,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal,Compressor Turbine	100%			2033	* *	1	$60,100	
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$2,700	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$34,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53/ 811 - M

Asset # : 520

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	100%			2025	$159,400	2	$55,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,000	
Exhaust Fans								
Interior	100%			2029	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2019	$12,900	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-5								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$29,000	
Sprinkler								
Generic	100%			2044	* *	1-2	$15,600	
Fire Pump								
Generic	100%			2033	* *	1	$10,400	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 54 - BK**		
Address	: **195 SANDFORD STREET BTWN: WILLOUGHBY AVE., DEKALB AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K054**
Program / Asset #	: **BOE0382.000 / 1404**	**Yr Built/Renovated**	: **1922 / 2014**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1765** **Lot** : **15**	**BIN**	: **3049020**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$40,700	$175,800
Interior Architecture	$204,400	$95,500
Electrical	$769,400	$71,700
Mechanical		$813,800
Total	**$1,014,400**	**$1,156,800**
Importance Code A	$40,700	$175,800
Importance Code B	$973,700	$943,200
Importance Code C		$37,700
Total	**$1,014,400**	**$1,156,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$84,200	$15,400		$800
Electrical	$22,700	$200		$22,500
Mechanical	$46,000	$31,300	$18,700	$71,000
Total	**$152,800**	**$46,900**	**$18,700**	**$94,300**
Importance Code A	$8,100	$8,100	$8,100	$8,300
Importance Code B	$89,900	$38,800	$10,600	$86,000
Importance Code C	$54,800			
Total	**$152,800**	**$46,900**	**$18,700**	**$94,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$38,200	
Masonry: Brick	90%			LIFE	* *	5	$137,600	
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Windows								
Aluminum	95%			2041	* *	5	$41,000	
Glass Block	5%			LIFE	* *	5	$1,400	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$10,600	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$40,700	
Copper/Terne	5%			2053	* *	10	$5,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,500	
Ceramic Tile	5%			2028	* *	5	$6,200	
Terrazzo	5%	Now	$28,600	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%			2030	* *	3	$36,900	
Vinyl Tile 9" X 9"	5%			2020	$67,800	3	$3,100	
Interior Walls								
Ceramic Tile	3%	Now	$12,700	2028	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$29,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	2-4	$12,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	82%			LIFE	* *	5	$37,700	
Ceilings								
AcousTile,Adhered	5%	2-4	$57,300	2045	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	20%	4+	$79,300	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Below Schoolyard								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room Below Schoolyard								
Plaster	75%			LIFE	* *	5	$57,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2055	* *	5	$100	
Under Construction	70%							
Raceway								
Conduit	30%			2055	* *	1		
Under Construction	70%							
Panelboards								
Fused Disc Sw	10%			2050	* *	5	$200	
Molded Case Bkrs	90%			2050	* *	5	$1,900	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 70%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$400	
Locally Mounted	30%	2-4	$22,700	2045	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$71,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2035	* *			
Egress Lighting								
Emergency, Battery	50%			2020	$55,500	10	$9,900	
Exit, Service	50%			2020	$11,100	1		
Exterior Lighting								
HID	100%			2020	$302,100	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$290,000			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$81,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,700	2035	* *	4	$4,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2025	$177,500	1	$20,400	
Convector/Radiator	60%			2023	$466,400	1	$16,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$33,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,900	
Exhaust Fans								
Interior	80%			2025	$72,800	2	$2,000	
Roof	20%			2020	$13,100	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$49,200	1		
Water Heater								
Gas Fired	100%			2018	$19,100	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2025	$25,500	4	$12,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BK

Asset # : 1404

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$48,000	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 54 - Q**
Address : **86-02 127 STREET @ HILLSIDE AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE0711.000 / 2274**
Area Sq Ft : **48,000**
Date of Survey : **06-Feb-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9280** **Lot** : **1**

Agency's Number : **Q054**
Yr Built/Renovated : **1923 / 2013**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4193916**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$56,400
Interior Architecture	$483,800	
Electrical	$746,100	$241,700
Mechanical		$43,700
Total	**$1,229,900**	**$341,800**
Importance Code A		$56,400
Importance Code B	$1,229,900	$285,300
Total	**$1,229,900**	**$341,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,400		$7,400	$11,700
Interior Architecture	$66,700			$8,300
Electrical	$1,100	$1,300	$67,000	$1,200
Mechanical	$24,700	$11,700	$32,200	$15,600
Total	**$146,900**	**$13,000**	**$106,500**	**$36,700**
Importance Code A	$64,100	$4,900	$12,300	$16,600
Importance Code B	$35,300	$8,200	$94,200	$20,200
Importance Code C	$47,500			
Total	**$146,900**	**$13,000**	**$106,500**	**$36,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$30,600	
Masonry: Brick	72%			LIFE	* *	5	$56,400	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$2,900	
Metal Panel	5%			2044	* *	5-10	$27,000	
Pre-Cast Concrete	8%			LIFE	* *	5	$20,400	
Stucco Cement	5%			2037	* *	5	$9,800	
Windows								
Aluminum	100%			2040	* *	5	$23,300	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	70%	Now	$24,700	2032	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Around Roof Drains								
IRMA/Protected Membrane	10%			2024	$30,700	10	$3,900	
Metal Panel	15%			2037	* *	10	$10,600	
Skylight, Metal/Glass	5%	Now	$14,200	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Over Auditorium								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,100	
Ceramic Tile	5%	Now	$7,200	2033	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Boys Bathroom								
Vinyl Tile	20%			2029	* *	3	$7,400	
Vinyl Tile	70%	Now	$44,000	2019	$439,800	3	$19,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Principal's Bathroom 2nd Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1923 Wing								
Explanation : 9x9 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$25,400	2033	* *	5	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Slop Sink Room, 1st Floor Girl's Bathroom, 2nd Floor Teacher's Bathroom								
Concrete Masonry Unit	25%			LIFE	* *	5	$9,200	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : 1990 Wing Corridor								
Masonry: Brick	10%			LIFE	* *			
Plaster	60%	Now	$22,100	LIFE	* *	5	$16,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Teacher's Bathroom								
Ceilings								
AcousTileSusp.Lay-In	17%	Now	$10,200	2037	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor								
Exposed Concrete	5%			LIFE	* *	5	$600	
Exposed Struc: Steel	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$9,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Corridor 1990 Wing								
Plaster	65%			LIFE	* *	5	$30,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$85,500	5	$100	
Fused Disc Sw	30%			2044	* *	5	$100	
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2024	$48,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	30%			2040	* *	5	$400	
Molded Case Bkrs	55%			2023	$57,600	5	$700	
Wiring								
Braided Cloth	50%	2-4	$45,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	20%			2024	$18,300	1		
Motor Controllers								
Locally Mounted	70%			2022	$31,700	5	$200	
Locally Mounted	30%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Addition								
Explanation : T-12 Lamps								
Fluorescent	65%			2019	$356,500	10	$29,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2019	$27,400	2	$100	
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,200	
Emergency, Battery	40%			2019	$26,600	10	$4,800	
Exit, Service	10%			2029	* *	1		
Exit, Service	40%			2019	$5,300	1		
Exterior Lighting								
HID	70%			2019	$126,900	10	$100	
HID	30%			2029	* *	10		
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$174,000	1-3	$10,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 25%								
Location : Gas Only Boiler For Smaller Section								
Explanation : Two Boiler Rooms								
Interruptible Gas/Dual Fuel	75%			2050	* *	1		
Conversion Equipment								
Steam Boiler	75%			2041	* *	1	$36,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Section Boiler Room								
Explanation : 2 Units								
Steam Boiler	25%	Now	$6,000	2041	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Smaller Boiler Room For Newer Section								
Explanation : No Equalizing Line, No Room For Safety Valve And No Blowdown Pipe-2 Units								
Distribution								
Hot Wtr Piping/Pump	10%			2040	* *	4	$200	
Steam Piping/Pump	90%			2044	* *	4	$2,200	
Terminal Devices								
Air Handler	70%			2029	* *	1	$21,400	
Convector/Radiator	30%			2037	* *	1	$4,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	$4,600	
Window/Wall Unit	10%			2019	$10,200	1		
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2044	* *	4	$500	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$30,500	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$34,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,500	
Exhaust Fans								
Interior	80%			2024	$43,700	2	$1,200	
Roof	20%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - Q

Asset # : 2274

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$11,500	2	$700	
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$4,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 55 - Q**		
Address	: **131-10 97 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q055**
Program / Asset #	: **BOE0712.000 / 2275**	**Yr Built/Renovated**	: **1939 / 2012**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9477** **Lot** : **1**	**BIN**	: **4200233**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$48,500	$39,500
Interior Architecture	$476,900	$38,100
Electrical	$384,400	$682,300
Mechanical	$179,600	$1,198,400
Total	**$1,089,400**	**$1,958,300**
Importance Code A	$48,500	$274,200
Importance Code B	$1,041,000	$1,684,100
Total	**$1,089,400**	**$1,958,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$5,400		$1,800	$22,300
Electrical		$400	$300	$27,200
Mechanical	$36,500	$6,900	$10,400	$26,300
Total	**$41,900**	**$7,400**	**$12,500**	**$75,800**
Importance Code A	$4,700	$4,800	$4,800	$4,900
Importance Code B	$37,200	$2,600	$7,700	$70,900
Importance Code C				
Total	**$41,900**	**$7,400**	**$12,500**	**$75,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$17,100	
Masonry: Brick	10%			LIFE	* *	5	$4,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Bulkheads								
Masonry: Brick	80%			LIFE	* *	5	$35,100	
Masonry: Granite	5%			LIFE	* *	5	$1,600	
Windows								
Aluminum	100%			2041	* *	5	$16,300	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$7,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$1,700	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$48,500	
Copper/Terne	5%			2053	* *	10	$6,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$15,800	
Ceramic Tile	5%			2034	* *	5	$3,600	
Vinyl Tile 9" X 9"	60%			2020	$476,900	3	$21,600	
Wood	25%			2040	* *	5	$33,800	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$15,300	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$1,700	
Plaster	85%			LIFE	* *	5	$38,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$200	
Raceway								
Conduit	90%			2025	$62,500	1		
Conduit	10%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Molded Case Bkrs	50%			2033	* *	5	$600	
Molded Case Bkrs	40%			2024	$41,900	5	$500	
Wiring								
Braided Cloth	40%	2-4	$36,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2035	* *	1		
Motor Controllers								
Locally Mounted	40%			2030	* *	5	$100	
Locally Mounted	60%			2023	$27,200	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$508,800	10	$42,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2020	$26,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$32,500	10	$5,800	
Exit, Service	50%			2025	$6,500	1		
Exterior Lighting								
HID	100%			2020	$177,500	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$170,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$118,700	5	$14,900	
Conversion Equipment								
Steam Boiler	100%	Now	$4,700	2023	$234,700	1	$43,000	
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q

Asset # : 2275

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$6,700	2025	$336,600	4	$2,400	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Head Valves Not Holding Properly								
Terminal Devices								
Air Handler	20%			2020	$52,000	1	$6,000	
Convector/Radiator	80%			2023	$364,300	1	$12,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$74,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$20,800	LIFE	* *	2-5	$26,900	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exhaust Fans								
Interior	100%			2020	$53,300	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2025	$144,000	1		
HW Heat Exchanger								
Low Temp	100%			2025	$15,000	4	$7,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$16,900	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 55 - Q ANNEX**		
Address	: **131-10 97 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q865**
Program / Asset #	: **BOE0712.010 / 4143**	**Yr Built/Renovated**	: **1993 / 2012**
Area Sq Ft	: **15,664**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **9477** **Lot** : **1**	**BIN**	: **4200233**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,100	
Mechanical		$54,100
Total	**$67,100**	**$54,100**
Importance Code A	$67,100	
Importance Code B		$54,100
Total	**$67,100**	**$54,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,900			$9,500
Interior Architecture		$10,900	$600	
Electrical		$100		$15,900
Mechanical	$4,200	$5,800	$4,700	$9,500
Total	**$6,100**	**$16,800**	**$5,300**	**$34,900**
Importance Code A	$3,500	$1,600	$1,600	$11,100
Importance Code B	$2,700	$15,200	$3,700	$23,800
Importance Code C				
Total	**$6,100**	**$16,800**	**$5,300**	**$34,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Annex								
Explanation : The Annex Is Connected To The Main Building								
Metal Panel	10%			2045	* *	5-10	$16,900	
Windows								
Aluminum	100%			2047	* *	5	$3,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	10%			2030	* *	10	$4,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Flat Section								
Metal Panel	75%			2038	* *	10	$67,100	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Metal Roof								
Explanation : Rubber Membrane Was Installed								
Roll Roofing	10%			2021	$20,100	5	$8,100	
Skylight, Plastic	5%			2038	* *	1		
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$1,200	
Vinyl Tile	95%			2030	* *	3	$8,500	
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$6,300	
Gypsum Board	5%			LIFE	* *	5	$600	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2038	* *	5	$16,200	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	25%			LIFE	* *	5	$7,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$100	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	90%			2041	* *	5	$400	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	75%			2030	* *	10	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2030	* *	10	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$1,500	
T-5 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Hallway								
Fluorescent	5%			2030	* *	10	$700	
T-9 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Stairway								
Incandescent	5%			2030	* *	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,900	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - Q ANNEX

Asset # : 4143

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$15,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Annex								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2033	* *	4	$1,200	
Terminal Devices								
Convector/Radiator	20%			2038	* *	1	$1,000	
Fan Coil Unit/Heat	80%			2030	* *	1	$4,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2025	$54,100	1	$7,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2045	* *	4	$1,200	
Terminal Devices								
Fan Coil - Cool/Heat	100%			2030	* *	1	$5,200	
Heat Rejection								
Air Condenser Unit	100%			2030	* *	2	$11,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,900	
Exhaust Fans								
Roof	100%			2030	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$3,700	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2025	$1,500	1	$1,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 55 - SI**		
Address	: **54 OSBORNE STREET @WOODS OF ARDEN ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R055**
Program / Asset #	: **BOE0940.000 / 1416**	**Yr Built/Renovated**	: **1965 / 2012**
Area Sq Ft	: **80,745**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5336** **Lot** : **1**	**BIN**	: **5069075**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$281,200	$740,500
Interior Architecture	$845,600	$36,300
Electrical	$899,700	$887,100
Mechanical	$830,200	$185,100
Total	**$2,856,700**	**$1,848,900**
Importance Code A	$674,300	$777,500
Importance Code B	$2,091,100	$1,071,400
Importance Code C	$91,200	
Total	**$2,856,700**	**$1,848,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,600			
Interior Architecture	$144,900	$2,800		$9,000
Electrical	$11,900	$2,500	$32,700	$2,300
Mechanical	$11,900	$16,000	$32,000	$12,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$206,300**	**$25,200**	**$68,700**	**$28,000**
Importance Code A	$33,600	$8,000	$8,200	$8,000
Importance Code B	$95,100	$17,200	$60,500	$20,000
Importance Code C	$77,600			
Total	**$206,300**	**$25,200**	**$68,700**	**$28,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$20,800	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$37,500	
Recent Repair Evident, Extent : Light, Area Affected : 70%								
Location : Repointed Throughout								
Windows								
Aluminum	100%	0-2	$33,600	2046	* *	5	$8,000	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$7,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Copper/Terne	5%			2064	* *	10	$11,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	95%	0-2	$281,200	2024	$703,000			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout .								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$5,800	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2033	* *	5	$5,600	
Panel/Paver: Cer/Brk	5%	Now	$130,700	2040	* *	5	$6,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$8,300	
Vinyl Tile	55%	Now	$103,900	2019	$519,700	3	$22,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	10%			2029	* *	3	$5,600	
Wood	10%			2052	* *	5	$20,800	
Interior Walls								
Cast in Place Concrete	10%	0-2	$29,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	4+	$10,500	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%	0-2	$3,300	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	45%	0-2	$34,000	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$91,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$31,000	2037	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5	$11,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$36,300			
Plaster	10%	Now	$14,600	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$300	
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	75%			2023	$134,500	5	$1,600	
Molded Case Bkrs	15%			2040	* *	5	$300	
Wiring								
Braided Cloth	85%	2-4	$217,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	15%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement At Water Main								
Explanation : Corroded								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	68%			2019	$609,900	10	$50,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2029	* *	10	$22,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2024	$12,900	10	$100	
Egress Lighting								
Emergency, Service	50%			2019	$19,900	1		
Exit, Service	50%			2019	$10,900	1		
Exterior Lighting								
HID	100%			2024	$305,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$17,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$25,000	
Conversion Equipment								
Steam Boiler	100%	Now	$393,100	2044	* *	1	$72,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$225,500	2044	* *	4	$4,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$87,100	1	$10,000	
Convector/Radiator	70%			2029	* *	1	$18,300	
Fan Coil Unit/Heat	10%			2024	$120,900	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$124,500	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - SI

Asset # : 1416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$3,200	2024	$64,200	2	$2,000	
Broken, Extent : Moderate, Area Affected : 15%								
Location : 2 Motors								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$4,800	2037	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Shut Off Valve In Basement								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-2								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 56 - BK**
Address : **170 GATES AVENUE BTWN: IRVING PL. - DOWNING ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K056**
Program / Asset # : **BOE0384.000 / 1406** | **Yr Built/Renovated** : **1966 / 2010**
Area Sq Ft : **84,000** | **Project Type** : **EDUCATION**
Date of Survey : **26-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1983** **Lot** : **10** | **BIN** : **3056874**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$230,400	$71,800
Interior Architecture	$529,600	$42,600
Electrical	$1,676,000	$609,500
Mechanical	$53,500	$278,400
Total	**$2,489,500**	**$1,002,300**
Importance Code A	$230,400	$108,800
Importance Code B	$2,259,100	$893,500
Total	**$2,489,500**	**$1,002,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,800			$11,400
Interior Architecture	$68,000		$27,600	$7,300
Electrical	$11,000	$2,100	$11,700	$1,400
Mechanical	$11,800	$12,800	$19,900	$15,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$146,500**	**$18,800**	**$63,000**	**$39,800**
Importance Code A	$59,100	$7,300	$7,500	$18,700
Importance Code B	$45,400	$11,500	$55,500	$21,100
Importance Code C	$42,000			
Total	**$146,500**	**$18,800**	**$63,000**	**$39,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$71,800	
Windows								
Aluminum	85%			2040	* *	5	$13,700	
Fiberglass Panel	15%			2040	* *	5	$9,100	
Parapets								
Cast in Place Concrete	10%	Now	$3,700	LIFE	* *	5	$12,100	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$5,900	
Metal Rail	25%			2037	* *	5-10	$53,100	
Metal: Cage/Fence	15%			2037	* *	5-10	$13,600	
Roof								
IRMA/Protected Membrane	25%	Now	$170,500	2034	* *			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	70%			2029	* *	10	$59,900	
Metal Panel	5%			2037	* *	10	$7,800	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$42,600	
Ceramic Tile	3%	Now	$3,800	2033	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$2,000	
Traffic Topping	5%			2029	* *	5	$8,100	
Vinyl Tile	40%	Now	$88,300	2019	$441,300	3	$19,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : 9x9 Tiles Throughout								
Vinyl Tile	5%			2029	* *	3	$3,200	
Vinyl Tile	20%			2034	* *	3	$9,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	10%	Now	$21,400	2052	* *	5	$12,200	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$19,000	2033	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$9,200	
Marble Panels	2%			LIFE	* *			
Plaster	50%	Now	$23,000	LIFE	* *	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$40,500	
AcousTileSusp.Lay-In	9%			2041	* *	5	$11,700	
Exposed Concrete	45%			LIFE	* *	5	$9,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Gypsum Board	1%			LIFE	* *	5	$1,600	
Plaster	10%			LIFE	* *	5	$8,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$9,000	5	$100	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	15%			2040	* *	5	$300	
Molded Case Bkrs	75%			2023	$134,500	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$51,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%			2037	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2019	$934,100	10	$77,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Recent Installation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Incandescent	1%			2019	$9,600	2		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$317,200	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2019	$38,100	1	$4,700	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$130,500	1-3	$7,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Heat Exchanger	30%			2033	* *	1	$12,900	
Steam Boiler	70%			2041	* *	1	$60,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	30%			2040	* *	4	$1,300	
Steam Piping/Pump	70%			2044	* *	4	$3,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2024	$93,500	1	$10,700	
Convector/Radiator	70%			2029	* *	1	$19,600	
Fan Coil Unit/Heat	10%			2024	$129,800	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$53,500	1		
No Component	70%							
Terminal Devices								
Fan Coil - Cooling	5%			2029	* *	1	$1,400	
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2024	$2,600	2	$3,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,300	
Exhaust Fans								
Interior	20%			2024	$19,200	2	$500	
Roof	80%			2024	$55,100	2	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$20,200	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 56 - BK

Asset # : 1406

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
Wet	20%			2022	$5,700	1-3	$11,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Water Pressure Fire Extinguishers							
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 56 - Q (OL R HILL AX)**
Address : **86TH AVENUE & 114TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0713.000 / 2276**
Area Sq Ft : **38,000**
Date of Survey : **30-Aug-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **9226** **Lot** : **57**

Agency's Number : **Q056**
Yr Built/Renovated : **1896 / 2000**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4192689**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$47,900
Interior Architecture	$56,800	
Electrical	$88,400	$340,300
Mechanical		$42,200
Total	**$145,200**	**$430,300**
Importance Code A		$47,900
Importance Code B	$88,400	$382,500
Importance Code C	$56,800	
Total	**$145,200**	**$430,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$22,500	$9,900
Interior Architecture	$5,900	$3,300	$2,200	$5,900
Electrical	$1,200	$1,700	$6,100	$1,100
Mechanical	$7,300	$6,900	$25,400	$7,600
Total	**$14,400**	**$11,900**	**$56,100**	**$24,400**
Importance Code A	$3,900	$3,900	$26,400	$13,700
Importance Code B	$10,500	$6,200	$29,700	$10,600
Importance Code C		$1,800		
Total	**$14,400**	**$11,900**	**$56,100**	**$24,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	* *	5	$3,400	
Masonry: Brick	65%			LIFE	* *	5	$44,500	
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Masonry: Limestone	25%			LIFE	* *	5	$12,800	
Windows								
Aluminum	100%			2040	* *	5	$19,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$6,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	92%			2029	* *	10	$22,500	
Copper/Terne	5%			2052	* *	10	$3,100	
Skylight, Metal/Glass	3%			2044	* *	10	$2,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$12,800	
Ceramic Tile	5%			2033	* *	5	$2,900	
Quarry Tile	5%			2029	* *	5	$4,400	
Vinyl Tile	80%			2029	* *	3	$23,400	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$3,600	
Masonry: Brick	10%	Now	$56,800	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	85%			LIFE	* *	5	$18,600	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$900	
Plaster	90%			LIFE	* *	5	$32,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$8,300	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2024	$42,000	1		
Conduit	20%			2034	* *	1		
Panelboards								
Fused Disc Sw	20%			2032	* *	5	$200	
Molded Case Bkrs	80%			2023	$59,800	5	$800	
Wiring								
Braided Cloth	80%	2-4	$53,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	50%			2029	* *	5	$100	
Locally Mounted	50%			2022	$22,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$35,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2032	* *	10		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$4,700	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$34,500	1	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$118,100	1-3	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Bells, Manual Pull Station, Strobe Lights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$38,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$2,900	
Terminal Devices								
Air Handler	20%	Now	$2,100	2024	$42,200	1	$4,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Blower								
Convector/Radiator	80%			2029	* *	1	$10,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$8,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$21,800	
Exhaust Fans								
Interior	20%			2019	$8,600	2	$200	
Roof	80%			2024	$24,900	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$9,100	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$2,300	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - Q (OL R HILL AX)

Asset # : 2276

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$13,700	1-2	$300	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 56 - SI**		
Address	: **250 KRAMER AVENUE @ WINANT AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R056**
Program / Asset #	: **BOE0959.000 / 4466**	**Yr Built/Renovated**	: **1998 /**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **7044** **Lot** : **1**	**BIN**	: **5128148**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$160,300	$272,000
Interior Architecture	$117,100	$66,900
Electrical		$85,400
Total	**$277,500**	**$424,300**
Importance Code A	$160,300	$272,000
Importance Code B	$117,100	$152,300
Total	**$277,500**	**$424,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,600		$4,100	
Interior Architecture	$92,600		$7,700	$10,000
Electrical	$20,900	$7,700	$9,600	$7,700
Mechanical	$77,900	$44,200	$57,000	$35,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$224,900**	**$59,800**	**$86,200**	**$60,700**
Importance Code A	$35,000	$9,400	$13,500	$9,400
Importance Code B	$172,400	$50,400	$72,700	$51,300
Importance Code C	$17,500			
Total	**$224,900**	**$59,800**	**$86,200**	**$60,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - SI

Asset # : 4466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	0-2	$86,700	LIFE	* *	5	$57,500	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Light, Area Affected : 15%								
Location : Chimney								
Metal Panel	15%			2046	* *	5-10	$74,100	
Window Wall	5%			2046	* *	5	$13,500	
Windows								
Aluminum	97%			2042	* *	5	$21,200	
Metal Louvers	3%			2035	* *	10	$4,100	
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$17,500	
Metal Panel	5%			2046	* *	5	$700	
Metal: Cage/Fence	25%			2039	* *	5-10	$7,100	
Roof								
IRMA/Protected Membrane	80%			2031	* *	10	$160,700	
Metal Panel	20%			2039	* *	10	$73,600	
Interior								
Floors								
Carpet	5%			2025	$68,400	3	$8,000	
Cast in Place Concrete	10%	0-2	$5,600	LIFE	* *	5	$23,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$5,200	2035	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	75%	0-2	$34,200	2031	* *	3	$30,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2054	* *	5	$10,000	
Interior Walls								
Ceramic Tile	5%	0-2	$1,900	2035	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	20%	2-4	$6,200	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	27%			LIFE	* *	10	$3,000	
Plywood/Hardboard	3%			LIFE	* *	10	$100	
SGFT/Glazed Masonry	45%			LIFE	* *	10	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - SI

Asset # : 4466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	0-2	$19,500	2039	* *	5	$24,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Gypsum Board	50%			LIFE	* *	5-10	$184,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps, One 1600 Amps, One 1200 Amps Main Disconnect Switch And One 400 Amps For Emergency Service.								
Transformers								
Dry Type	100%			2039	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Penthouse								
Explanation : Six Transformers With Different Ratings, 2 @500 Kva, & 4 @75 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	15%			2042	* *	5	$300	
Molded Case Bkrs	85%			2042	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$29,200	
Generators								
Diesel	100%			2035	* *	1	$36,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kw								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - SI

Asset # : 4466

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$21,200	
Fuel Storage								
Main Tank	100%			2054	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$82,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2031	* *	10	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,600	
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 6000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$94,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : 2- Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - SI

Asset # : 4466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	1%			2042	* *	4	$100	
Hot Wtr Piping/Pump	19%			2042	* *	4	$1,300	
Steam Piping/Pump	80%			2046	* *	4	$5,600	
Terminal Devices								
Air Handler	50%			2031	* *	1	$29,400	
Convector/Radiator	50%			2039	* *	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2031	* *	1	$39,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Refrigerant R410								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$7,000	
Terminal Devices								
Air Handler/Cool/Ht	90%			2031	* *	1	$52,900	
Fan Coil - Cool/Heat	10%			2031	* *	1	$3,100	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$66,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,900	
Exhaust Fans								
Roof	100%			2031	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$22,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - SI

Asset # : 4466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 To 4 Fl								
Explanation : Two Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$47,900	
Sprinkler								
Generic	100%			2046	* *	1-2	$26,600	
Fire Pump								
Generic	100%			2035	* *	1	$17,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 57 - M**
Address : **176 EAST 115 STREET @ 3RD AVE.**
Borough : **MANHATTAN**
Agency's Number : **M057**
Program / Asset # : **BOE0034.000 / 2770**
Yr Built/Renovated : **1964 / 2010**
Area Sq Ft : **91,000**
Project Type : **EDUCATION**
Date of Survey : **26-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1640** **Lot** : **139** **BIN** : **1083184**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$138,800	$258,600
Interior Architecture	$1,518,200	
Electrical	$1,514,900	$520,800
Mechanical	$135,200	$387,700
Total	**$3,307,100**	**$1,167,100**
Importance Code A	$138,800	$277,100
Importance Code B	$3,042,800	$890,000
Importance Code C	$125,500	
Total	**$3,307,100**	**$1,167,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$600			
Interior Architecture	$24,800	$4,400	$1,900	$20,600
Electrical	$39,700	$200	$1,000	$44,700
Mechanical	$33,600	$17,300	$34,600	$85,600
Total	**$98,700**	**$21,900**	**$37,500**	**$151,000**
Importance Code A	$9,900	$9,300	$9,300	$9,500
Importance Code B	$84,700	$12,600	$26,300	$141,500
Importance Code C	$4,100		$1,900	
Total	**$98,700**	**$21,900**	**$37,500**	**$151,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$73,900	
Metal Panel	5%	Now	$600	2035	* *	5	$7,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Main Entrance								
Windows								
Aluminum	100%			2041	* *	5	$17,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,900	
Masonry: Brick	90%			LIFE	* *	5	$11,500	
Roof								
IRMA/Protected Membrane	25%	Now	$73,900	2025	$184,700			
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	70%			2030	* *	10	$64,900	
Roll Roofing	5%			2021	$19,100	5	$7,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,400	
Ceramic Tile	5%	Now	$6,800	2028	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%	Now	$95,600	2020	$956,200	3	$42,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout All 9 X 9 Tiles								
Vinyl Tile	5%			2030	* *	3	$2,600	
Wood	5%			2040	* *	5	$13,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$41,200	2028	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Ceramic Tile	3%			2034	* *	5	$3,700	
Concrete Masonry Unit	3%	2-4	$4,100	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	2%			LIFE	* *	5	$1,500	
Masonry: Brick	2%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$19,400	
SGFT/Glazed Masonry	35%	0-2	$84,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	30%	Now	$340,900	2045	* *	5	$26,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2038	* *	5	$7,000	
Exposed Concrete	50%			LIFE	* *	5	$11,000	
Plaster	15%	0-2	$13,800	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$119,700	5	$300	
Fused Disc Sw	30%			2045	* *	5	$100	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	75%			2024	$134,500	5	$1,800	
Molded Case Bkrs	15%			2041	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$51,100	1		
Motor Controllers								
Locally Mounted	55%			2023	$41,500	5	$300	
Locally Mounted	40%	2-4	$30,200	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	5%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	78%			2020	$813,800	10	$67,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	4%			2033	* *	10	$3,400	
T-5 Lamps, Extent : Moderate, Area Affected : 4%								
Location : Auditorium & Gym								
HID	3%			2020	$22,500	10	$100	
Incandescent	5%			2020	$52,200	2	$100	
Egress Lighting								
Emergency, Battery	10%			2030	* *	10	$2,300	
Emergency, Battery	40%			2020	$50,700	10	$9,100	
Exit, Service	10%			2030	* *	1		
Exit, Service	40%			2020	$10,100	1		
Exterior Lighting								
HID	100%			2020	$343,700	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$93,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,600	
Terminal Devices								
Air Handler	25%	Now	$6,300	2025	$126,600	1	$13,100	
Noisy/Vibrating, Extent : Severe, Area Affected : 5%								
Location : Motors, Fan Room								
Convector/Radiator	75%			2030	* *	1	$22,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2023	$121,000	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Fan Room								
Window/Wall Unit	70%			2020	$135,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	25%			2020	$26,000	2	$700	
Roof	75%	Now	$5,600	2025	$56,000	2	$1,700	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Roof								
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - M

Asset # : 2770

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%	0-2	$1,700	2023	$84,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2024	$21,800	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 57 - SI**		
Address	: **140 PALMA DRIVE @ HANOVER AVE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R057**
Program / Asset #	: **BOE0941.000 / 1417**	**Yr Built/Renovated**	: **1976 / 2006**
Area Sq Ft	: **108,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **2888** **Lot** : **40**	**BIN**	: **5043519**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$282,100	$223,700
Interior Architecture	$1,009,800	$1,233,900
Electrical		$580,200
Mechanical	$105,500	$2,326,300
Total	**$1,397,400**	**$4,364,000**
Importance Code A	$282,100	$223,700
Importance Code B	$874,500	$4,140,300
Importance Code C	$240,800	
Total	**$1,397,400**	**$4,364,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$73,900	$10,400		
Interior Architecture	$116,300			$16,700
Electrical	$2,800	$1,200	$2,600	$1,200
Mechanical	$72,600	$26,500	$42,600	$30,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$269,500**	**$42,100**	**$49,200**	**$52,600**
Importance Code A	$84,800	$21,400	$11,000	$11,000
Importance Code B	$104,100	$20,600	$38,200	$41,600
Importance Code C	$80,700			
Total	**$269,500**	**$42,100**	**$49,200**	**$52,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	$83,600	LIFE	* *	5	$55,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	40%	0-2	$122,100	LIFE	* *	5	$120,000	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$20,700	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$19,200	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	45%	Now	$39,300	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	45%	Now	$3,600	2031	* *	5	$48,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	65%	Now	$32,700	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Clay Tile	5%	Now	$18,300	2036	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	30%	Now	$37,200	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$17,400	LIFE	* *	5	$36,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	10%	Now	$323,300	2041	* *	5	$8,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	80%	0-2	$113,500	2026	$1,134,900	3	$50,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$24,400	2029	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$32,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	2%	Now	$23,500	2042	* *	5	$3,700	
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%	0-2	$57,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	20%	Now	$40,800	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$71,100	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$71,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	15%	Now	$93,000	2031	* *	5	$12,500	
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Gymnasium								
AcousTileConcealSpLn	20%	Now	$107,900	2031	* *	5	$20,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$28,700	
Plaster	60%	Now	$131,300	LIFE	* *	5	$62,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps And One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2036	* *	5	$400	
Fused Disc Sw	20%			2056	* *	5	$100	
Raceway								
Conduit	95%			2036	* *	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	90%			2034	* *	5	$2,600	
Wiring								
Thermoplastic	95%			2036	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	* *	5	$100	
Motor Control Center	90%			2031	* *	5	$2,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$97,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$75,200	10	$13,500	
Exit, Service	50%			2026	$15,000	1		
Exterior Lighting								
HID	100%			2026	$407,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$12,100	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2031	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 7500 Gallon Tank With #2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%	0-2	$10,900	2031	* *	1	$99,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : # 2 Boiler Not Working - Transformer Out Of Service								
Distribution								
Steam Piping/Pump	100%	Now	$77,800	2036	* *	4	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Vacuum Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Areas Throughout								
Terminal Devices								
Air Handler	25%			2026	$150,300	1	$17,200	
Convector/Radiator	75%	0-2	$15,800	2031	* *	1	$24,300	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2026	$151,300	1	$20,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Ext Pkg Unit - Cooling	20%	Now	$5,100	2026	$102,900	2	$1,100	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Window/Wall Unit	25%			2021	$57,300	1		
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	60%			2036	* *	4	$3,300	
No Component	40%							
Terminal Devices								
Fan Coil - Cool/Heat	100%			2026	$1,793,600	1	$36,000	
Heat Rejection								
Air Condenser Unit	60%			2031	* *	2	$46,600	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$98,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - SI

Asset # : 1417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%	0-2	$4,900	2026	$24,600	2	$500	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : 70% Of Interior Exhaust System Not Working								
Roof	80%	0-2	$7,100	2026	$70,900	2	$2,200	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : 30% Of Roof Exhaust System Not Working								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$25,900	2	$1,600	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$11,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Fan Room								
Explanation : 2 Dual Pump Units								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$56,200	
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 58 - BK**		
Address	: **330 SMITH STREET @ CARROLL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K058**
Program / Asset #	: **BOE0386.000 / 1408**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **111,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **449** **Lot** : **15**	**BIN**	: **3007547**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$703,400
Interior Architecture	$1,344,800	$178,400
Electrical	$238,700	$2,119,700
Mechanical	$39,800	$231,000
Total	**$1,623,300**	**$3,232,500**
Importance Code A		$745,400
Importance Code B	$1,540,700	$2,487,100
Importance Code C	$82,600	
Total	**$1,623,300**	**$3,232,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$19,300		$12,000
Interior Architecture	$72,700	$23,900	$2,100	$15,300
Electrical	$3,100	$20,000	$3,700	$3,100
Mechanical	$44,200	$33,400	$26,200	$15,700
Total	**$120,000**	**$96,500**	**$32,000**	**$46,200**
Importance Code A	$11,100	$30,800	$11,300	$23,300
Importance Code B	$87,500	$65,700	$20,800	$22,900
Importance Code C	$21,400			
Total	**$120,000**	**$96,500**	**$32,000**	**$46,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$98,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$38,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$19,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	5%			2040	* *	5-10	$19,800	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2023	$496,600	10	$108,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2063	* *	10	$15,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2033	* *	10	$6,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,600	
Ceramic Tile	3%			2026	$99,100	5	$5,100	
Terrazzo	5%	Now	$19,800	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	72%	Now	$52,200	2018	$1,043,400	3	$46,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	10%			2028	* *	3	$6,400	
Wood	5%			2038	* *	5	$16,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$11,800	2032	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$9,500	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$82,600	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$31,500	2028	* *	5	$8,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
AcousTileConcealSpLn	15%			2028	* *	5	$31,700	
Plaster	75%	Now	$166,700	LIFE	* *	5	$79,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Stage, Room 320, Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amp Main Service Protectors								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$2,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$2,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$238,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$700	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%			2023	$1,252,200	10	$103,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	1%			2023	$12,600	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$13,700	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$419,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$12,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$20,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2043	* *	5	$35,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	Now	$11,100	2028	* *	1	$101,500	
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Boiler Shut Off Valves								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BK

Asset # : 1408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$39,800	2033	* *	4	$5,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Vacuum And Condensate Pumps								
Terminal Devices								
Air Handler	20%	Now	$12,300	2023	$122,800	1	$12,700	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Auditorium Blower In Basement								
Convector/Radiator	80%			2028	* *	1	$29,400	
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	10%			2021	$23,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,500	
Exhaust Fans								
Interior	50%			2023	$62,900	2	$1,700	
Roof	50%			2023	$45,300	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$17,000	2033	* *	1		
Antiquated, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Main Water Main								
HW Heat Exchanger								
HTHW/HW	100%			2033	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank And Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 58 - Q**		
Address	: **72-24 GRAND AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q058**
Program / Asset #	: **BOE1026.000 / 13468**	**Yr Built/Renovated**	: **2002 / 2015**
Area Sq Ft	: **141,201**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **2802** **Lot** : **94**	**BIN**	: **4062861**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$208,700	$221,500
Interior Architecture	$219,300	$130,800
Electrical		$128,200
Mechanical	$35,000	
Total	**$463,000**	**$480,500**
Importance Code A	$208,700	$221,500
Importance Code B	$254,300	$259,000
Total	**$463,000**	**$480,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,000	$15,300	$5,900	
Interior Architecture	$77,400		$36,200	
Electrical	$33,900	$9,800	$11,300	$9,800
Mechanical	$107,000	$63,800	$90,700	$55,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$252,200**	**$96,800**	**$152,100**	**$73,500**
Importance Code A	$40,000	$29,300	$19,900	$14,000
Importance Code B	$138,100	$67,500	$130,200	$59,500
Importance Code C	$74,100		$2,000	
Total	**$252,200**	**$96,800**	**$152,100**	**$73,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$253,900	
Metal Panel	3%			2052	* *	5-10	$27,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$17,400	
Windows								
Aluminum	97%			2048	* *	5	$30,700	
Metal Louvers	3%			2039	* *	10	$5,900	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$95,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$19,600	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$94,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Main Roof								
Skylight, Plastic	5%			2043	* *	1		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$92,500	
Ceramic Tile	3%			2039	* *	5	$6,300	
Terrazzo	2%			LIFE	* *	5	$6,600	
Vinyl Tile	80%			2031	* *	3	$63,400	
Wood	5%			2054	* *	5	$19,800	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$3,900	
Concrete Masonry Unit	50%			LIFE	* *	5	$52,300	
Gypsum Board	22%			LIFE	* *	5-10	$48,900	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,300	
Ceilings								
AcousTileSusp.Lay-In	80%			2039	* *	5	$169,100	
Exposed Struc: Steel	10%			LIFE	* *	10	$42,300	
Gypsum Board	7%			LIFE	* *	5-10	$50,900	
Gypsum Board	3%			LIFE	* *	5-10	$21,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 5000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2042	* *	5	$500	
Molded Case Bkrs	85%			2042	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,000	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$43,400	
Generators								
Diesel	100%			2035	* *	1	$54,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 400 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$31,500	
Fuel Storage								
Day Tank	50%			2042	* *	5	$13,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Capacity								
Main Tank	50%			2054	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$126,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	* *	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2031	* *	10		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$139,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,700	2046	* *	4	$7,000	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Pneumatic Controls, Throughout								
Terminal Devices								
Air Handler	80%			2031	* *	1	$69,900	
Convector/Radiator	20%			2039	* *	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2035	* *	1	$122,200	
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : Penthouse								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2046	* *	4	$8,400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2031	* *	1	$69,900	
No Component	20%							
Heat Rejection								
Water Cool Tower	80%			2027	* *	2	$113,700	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - Q

Asset # : 13468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$124,700	
Exhaust Fans								
Interior	75%			2031	* *	2	$3,200	
Roof	25%			2031	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$32,800	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B, G, 1-3 (1) 1-3								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$71,200	
Sprinkler								
Generic	100%			2046	* *	1-2	$39,600	
Fire Pump								
Generic	100%			2035	* *	1	$26,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 59 - BK**		
Address	: **211 THROOP AVENUE @ PARK AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K059**
Program / Asset #	: **BOE0387.000 / 1104**	**Yr Built/Renovated**	: **1956 / 1999**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1749** **Lot** : **1**	**BIN**	: **3048546**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$218,000	$151,200
Interior Architecture	$383,500	$47,500
Electrical	$722,100	$365,700
Mechanical	$649,400	$193,300
Total	**$1,973,000**	**$757,700**
Importance Code A	$697,400	$151,200
Importance Code B	$1,011,900	$558,900
Importance Code C	$263,700	$47,500
Total	**$1,973,000**	**$757,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,800		$30,300	
Interior Architecture	$54,000	$2,200	$22,000	$15,700
Electrical	$2,900	$2,600	$37,100	$2,800
Mechanical	$41,800	$15,000	$23,100	$15,000
Total	**$152,500**	**$19,900**	**$112,500**	**$33,500**
Importance Code A	$53,800	$9,800	$40,300	$9,800
Importance Code B	$78,300	$10,100	$72,200	$23,700
Importance Code C	$20,500			
Total	**$152,500**	**$19,900**	**$112,500**	**$33,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	20%	0-2	$29,300	LIFE	* *	5	$84,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$67,200	
Masonry: Limestone	5%	0-2	$24,500	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$139,800	2040	* *	5	$16,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$15,100	
Metal: Cage/Fence	5%			2029	* *	5-10	$7,300	
No Component	15%							
Roof								
Built-Up (BUR)	25%			2029	* *	10	$26,000	
IRMA/Protected Membrane	75%			2029	* *	10	$78,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	3%			2033	* *	5	$4,400	
Ceramic Tile	2%	0-2	$57,100	2039	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	5%	Now	$18,800	2019	$62,700	3	$2,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 9 X 9 Corridors Throughout								
Vinyl Tile	35%			2029	* *	3	$25,800	
Vinyl Tile	45%			2032	* *	3	$33,200	
Interior Walls								
Ceramic Tile	5%	0-2	$20,500	2033	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	80%	2-4	$263,700	LIFE	* *	5	$47,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2029	* *	5	$43,900	
Exposed Concrete	55%			LIFE	* *	5	$12,600	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Switchgear / Switchboard								
Fused Disc Sw	20%			2054	* *	5	$100	
Fused Disc Sw	80%			2044	* *	5	$300	
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Toggle Switch	60%	2-4	$107,600	2049	* *	5	$700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Obsolete Equipment								
Molded Case Bkrs	25%			2049	* *	5	$600	
Molded Case Bkrs	10%			2040	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$51,100	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$87,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Incandescent	3%			2019	$32,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$66,400	10	$11,900	
Exit, Service	50%			2024	$13,300	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	* *	1	$7,200	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$348,000	1-3	$20,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$48,500	2044	* *	5	$15,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Pumps And Oil Type Is Obsolete								
Conversion Equipment								
Steam Boiler	100%	Now	$479,400	2044	* *	1	$87,800	
Cracked, Extent : Severe, Area Affected : 20%								
Location : Tubes, Bricks, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,400	2034	* *	4	$4,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	20%	Now	$2,100	2024	$106,200	1	$11,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Coil Leak								
Convector/Radiator	80%			2029	* *	1	$25,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BK

Asset # : 1104

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2019	$121,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,900	
Exhaust Fans								
Interior	80%			2024	$87,100	2	$2,400	
Roof	20%			2024	$15,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,900	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,400	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 6 - BK**
Address : **43 SNYDER AVE. BTWN: FLATBUSH AVE - BEDFORD AVE**
Borough : **BROOKLYN**
Agency's Number : **K006**
Program / Asset # : **BOE0978.000 / 4141**
Yr Built/Renovated : **1993 / 2006**
Area Sq Ft : **77,487**
Project Type : **EDUCATION**
Date of Survey : **13-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,3,4,Pen**
Block : **5103** **Lot** : **79** **BIN** : **3117230**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,254,200	$224,300
Interior Architecture	$130,500	$90,400
Electrical		$69,600
Mechanical	$36,600	$683,800
Total	**$1,421,400**	**$1,068,100**
Importance Code A	$1,254,200	$224,300
Importance Code B	$167,100	$843,800
Total	**$1,421,400**	**$1,068,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,600			
Interior Architecture	$81,300		$6,600	$15,400
Electrical	$12,600	$5,400	$6,200	$6,900
Mechanical	$44,400	$22,500	$29,100	$15,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$189,700**	**$31,800**	**$45,800**	**$41,600**
Importance Code A	$55,300	$7,700	$7,700	$7,700
Importance Code B	$118,900	$24,100	$38,200	$33,900
Importance Code C	$15,500			
Total	**$189,700**	**$31,800**	**$45,800**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE		5	$56,100	
Masonry: Brick Cavity	83%	0-2	$223,500	LIFE		5	$59,600	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Perimeter								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : 1st Story - Top Of Window Heads - Continuing At Expansion Joint								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Street Facades- 1st Story								
Window Wall	12%	2-4	$124,400	2046		5	$16,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Window Sills								
Glazing Clouded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	93%	2-4	$851,200	2051		5	$10,200	
Air Infiltration, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Condensation Present, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Window Headers - 1st Floor Classrooms								
Glass Block	5%			LIFE		5	$1,400	
Metal Louvers	2%			2035		10	$2,700	
Parapets								
Masonry: Brick Cavity	75%			LIFE		5-10	$18,800	
Metal Panel	10%			2052		5	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%	0-2	$1,000	2039		5	$1,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Anchor Connections								
Pre-Cast Concrete	5%			LIFE		5	$2,300	
Weathering Steel	5%			LIFE		1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Structure Under Pitched Roof Details								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	82%			2031	* *	10	$164,700	
Metal Panel	15%			2039	* *	10	$55,200	
Skylight, Metal/Glass	3%			2046	* *	10	$20,100	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,400	
Ceramic Tile	5%			2035	* *	5	$5,400	
Quarry Tile	2%			2039	* *	5	$3,200	
Terrazzo	5%	Now	$24,900	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Outside Cafeteria Entrance								
Traffic Topping	3%			2031	* *	5	$4,000	
Vinyl Tile	75%	2-4	$34,200	2031	* *	3	$30,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2054	* *	5	$10,000	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Glass Block	5%			LIFE	* *	10	$600	
Gypsum Board	40%	Now	$2,300	LIFE	* *	5	$6,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Soffits								
Plaster	15%			LIFE	* *	5-10	$3,600	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$4,200	
Wood	5%			LIFE	* *	5	$11,200	
Ceilings								
AcousTileConcealSpLn	55%			2039	* *	5	$73,600	
Gypsum Board	40%			LIFE	* *	5-10	$147,300	
Metal Panel	5%			LIFE	* *	5	$13,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$400	
Variable Frequency Drive	20%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$23,800	
Generators								
Diesel	100%			2035	* *	1	$30,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room-roof								
Explanation : One 248 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,900	
Fuel Storage								
Day Tank	50%			2042	* *	5	$7,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 27.5 Gallons								
Main Tank	50%			2054	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10000 Gals								
Lighting								
Interior Lighting								
Fluorescent	88%			2031	* *	10	$62,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2031	* *	10	$7,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$76,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$5,700	
Terminal Devices								
Convector/Radiator	50%	Now	$36,600	2031	* *	1	$11,300	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Defective Building Management System								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse								
Explanation : The Air Handling Equipment Is Already Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	100%			2026	$357,700			
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Terminal Devices								
Direct Expansion	100%			2026	$240,400	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BK

Asset # : 4141

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2026	$85,700	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$4,600	2046	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Water Meter Room, 1 Of 3 Defective Pumps								
Water Heater								
Gas Fired	100%			2025	$18,000	2	$1,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$39,100	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$2,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 6 - BX**
Address : **1000 EAST TREMONT AVENUE @VYSE AVE.**
Borough : **BRONX** | **Agency's Number** : **X006**
Program / Asset # : **BOE0159.000 / 526** | **Yr Built/Renovated** : **1904 / 1999**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **11-Jan-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3005** **Lot** : **10** | **BIN** : **2010892**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$295,800	$507,300
Interior Architecture	$116,100	$393,000
Electrical	$374,300	$1,997,800
Mechanical		$312,300
Total	**$786,200**	**$3,210,400**
Importance Code A	$295,800	$544,300
Importance Code B	$452,600	$2,666,100
Importance Code C	$37,800	
Total	**$786,200**	**$3,210,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,400		$6,600	
Interior Architecture	$15,000	$4,700		$7,900
Electrical	$1,000	$2,400	$1,900	$1,800
Mechanical	$45,100	$13,000	$79,600	$13,000
Total	**$82,400**	**$20,200**	**$88,100**	**$22,700**
Importance Code A	$29,700	$8,400	$15,100	$8,400
Importance Code B	$48,800	$11,800	$73,000	$14,400
Importance Code C	$3,900			
Total	**$82,400**	**$20,200**	**$88,100**	**$22,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$115,300	
Masonry: Brick	80%			LIFE	* *	5	$118,100	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 30%								
Location : Around First Floor								
Masonry: Limestone	5%			LIFE	* *	5	$5,500	
Stucco Cement	5%	Now	$21,400	2029	* *	5	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Penthouse								
Windows								
Wood	100%			2040	* *	5	$425,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,300	
Masonry: Brick	60%			LIFE	* *	5	$8,300	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	30%			2037	* *	5-10	$74,600	
Roof								
Built-Up (BUR)	72%			2029	* *	10	$37,900	
Copper/Terne	5%			2039	* *	10	$6,600	
Modified Bitumen	20%			2024	$61,300	10	$10,500	
Skylight, Metal/Glass	3%			2034	* *	10	$5,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,600	
Ceramic Tile	5%			2027	* *	5	$6,300	
Traffic Topping	5%	Now	$78,300	2034	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	30%			2024	$322,000	3	$14,200	
Vinyl Tile	50%			2029	* *	3	$31,600	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$7,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$37,800	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Roof Exit, Stair E Below Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor, North Side								
Plaster	60%			LIFE	* *	5	$28,300	
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,000	
Plaster	90%			LIFE	* *	5	$71,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Fused Disc Sw	5%			2023	$9,000	5	$100	
Molded Case Bkrs	10%			2032	* *	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,700	
Wiring								
Braided Cloth	80%	0-2	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 80%								
Location : Throughout The Building								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%			2029	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$908,800	10	$75,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2024	$28,100	10	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Explanation : Compact Fluorescent Light Fixtures								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2024	$56,900	10	$10,200	
Exit, Service	50%			2024	$11,400	1		
Exterior Lighting								
HID	100%			2024	$309,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$49,600	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Intrusion Alarm, Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	0-2	$169,900	2034	* *	1-3	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extended Life; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$83,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,400	2034	* *	4	$4,200	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Pipes, Throughout								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Kitchen Service Area								
Terminal Devices								
Air Handler	20%	Now	$1,800	2029	* *	1	$9,400	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Convector/Radiator	80%			2029	* *	1	$21,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - BX

Asset # : 526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	20%			2019	$34,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,000	
Exhaust Fans								
Interior	10%			2024	$9,300	2	$300	
Roof	90%			2024	$60,400	2	$2,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$251,900	1		
Water Heater								
Gas Fired	100%			2019	$19,600	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2024	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Located In The Pit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 60 - Q**
Address : **91-02 88 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0715.000 / 2278**
Area Sq Ft : **78,000**
Date of Survey : **26-Oct-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8929** **Lot** : **58**

Agency's Number : **Q060**
Yr Built/Renovated : **1965 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4184144**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$73,900	$63,300
Interior Architecture	$976,900	$116,800
Electrical	$104,300	$1,833,500
Mechanical		$131,600
Total	**$1,155,100**	**$2,145,200**
Importance Code A	$73,900	$81,800
Importance Code B	$975,200	$2,063,400
Importance Code C	$106,000	
Total	**$1,155,100**	**$2,145,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,700	$17,400		
Interior Architecture	$39,700	$20,300		
Electrical	$3,400	$46,500	$2,400	$2,600
Mechanical	$21,000	$28,000	$18,500	$12,300
Total	**$68,700**	**$112,100**	**$20,900**	**$14,900**
Importance Code A	$12,700	$25,600	$8,000	$8,000
Importance Code B	$56,100	$86,600	$12,900	$6,900
Importance Code C				
Total	**$68,700**	**$112,100**	**$20,900**	**$14,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$63,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%			2048	* *	5	$15,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$8,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	10%			2036	* *	5-10	$8,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	93%			2028	* *	10	$73,900	
Recent Repair Evident, Extent : Light, Area Affected : 44%								
Location : Throughout								
Copper/Terne	5%			2038	* *	10	$9,900	
Skylight, Metal/Glass	2%	Now	$4,700	2033	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Interior								
Floors								
Ceramic Tile	5%	Now	$11,700	2026	$116,800	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	85%			2018	$870,900	3	$38,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2063	* *	5	$11,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$44,100	2032	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Toilets Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	5%			LIFE	* *	5	$3,200	
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$16,000	
SGFT/Glazed Masonry	30%	2-4	$61,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%	Now	$28,000	2028	* *	5	$15,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2028	* *	5	$3,600	
Embossed Metal	5%			LIFE	* *	5	$2,700	
Exposed Concrete	60%			LIFE	* *	5	$11,300	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$3,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Minischool								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	70%			2022	$94,200	5	$1,400	
Molded Case Bkrs	20%			2039	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2023	$52,200	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room And Corridor								
Explanation : T-8 Lamps								
Fluorescent	84%			2023	$751,200	10	$62,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2023	$19,300	10	$100	
Incandescent	3%			2018	$26,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$9,700	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$294,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$8,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$242,400	1-3	$14,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$79,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,000	
Terminal Devices								
Air Handler	20%			2023	$86,800	1	$10,000	
Convector/Radiator	80%			2028	* *	1	$20,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$16,600	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,900	
Exhaust Fans								
Interior	30%			2028	* *	2	$700	
Roof	70%	Now	$2,200	2023	$44,800	2	$1,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Exterior Drain At Rear Entrance								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Storm Water Comes Through Rear Entrance On 88th Avenue								
Explanation : Clogged Drain Causing Water Penetration Into First Floor And Basement								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q

Asset # : 2278

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 60 - Q MINISCHOOL**		
Address	: **91-02 88 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q860**
Program / Asset #	: **BOE0715.010 / 2284**	**Yr Built/Renovated**	: **1987 / 2010**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **8929** **Lot** : **58**	**BIN**	: **4184144**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$155,900
Interior Architecture		$147,600
Electrical		$230,600
Total		**$534,100**
Importance Code A		$155,900
Importance Code B		$378,200
Total		**$534,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,500	$34,600		
Interior Architecture	$5,900	$8,800		$2,200
Electrical	$500	$500	$400	$500
Mechanical	$14,500	$3,500	$1,900	$600
Total	**$22,400**	**$47,400**	**$2,300**	**$3,300**
Importance Code A	$15,700	$35,200	$600	$600
Importance Code B	$3,100	$12,200	$1,600	$2,700
Importance Code C	$3,600			
Total	**$22,400**	**$47,400**	**$2,300**	**$3,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	7%	0-2	$1,500	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	93%			2053	* *	5-10	$120,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	98%			2048	* *	5	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%			2038	* *	10	$400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%			2036	* *	10	$68,500	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,200	
Ceramic Tile	2%			2032	* *	5	$400	
Vinyl Tile	95%			2023	$147,600	3	$8,700	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$800	
Gypsum Board	95%	0-2	$3,200	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%			2028	* *	5	$17,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Discnnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2031	* *	5		
Molded Case Bkrs	95%			2031	* *	5	$300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$135,600	10	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$8,200	10	$1,500	
Exit, Service	50%			2023	$1,600	1		
Exterior Lighting								
HID	100%			2023	$45,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$1,300	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2023	$49,700	1-3	$3,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Natural Gas	95%			2043	* *	1		
Conversion Equipment								
Furnace	95%	0-2	$14,200	2033	* *	1	$5,200	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Furnaces								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Duct Ceiling Mounted								
Explanation : 2 Units								
Radiant Heater	5%			2023	$2,700	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Some Class Rooms								
Explanation : 10 Units								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - Q MINISCHOOL

Asset # : 2284

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2021	$6,600	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room A C Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Exhaust Fans								
Roof	100%			2023	$9,700	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$2,800	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 60 - SI**		
Address	: **55 MERRILL AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R060**
Program / Asset #	: **BOE0942.000 / 1418**	**Yr Built/Renovated**	: **1974 / 2010**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,p**		
Block	: **1580** **Lot** : **44**	**BIN**	: **5031151**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$105,900	$1,321,000
Interior Architecture	$281,000	
Electrical	$1,389,900	$1,215,700
Mechanical		$672,500
Total	**$1,776,800**	**$3,209,100**
Importance Code A	$105,900	$1,358,000
Importance Code B	$1,670,800	$1,851,200
Total	**$1,776,800**	**$3,209,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,700		
Interior Architecture	$20,300	$4,300	$14,100	
Electrical	$3,700	$56,000	$2,100	$2,700
Mechanical	$28,100	$51,000	$31,200	$18,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$56,100**	**$122,900**	**$51,400**	**$24,700**
Importance Code A	$7,800	$15,700	$7,800	$7,800
Importance Code B	$39,800	$102,900	$43,600	$16,900
Importance Code C	$8,500	$4,300		
Total	**$56,100**	**$122,900**	**$51,400**	**$24,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	Now	$105,900	LIFE	* *	5	$93,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$43,800	
Windows								
Aluminum	100%			2048	* *	5	$15,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$86,700	
Masonry: Brick	45%			LIFE	* *	5	$7,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,300	
Roof								
IRMA/Protected Membrane	100%			2023	$974,400	10	$122,200	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Carpet	1%			2022	$17,700	3	$2,100	
Cast in Place Concrete	7%	Now	$5,100	LIFE	* *	5	$21,300	
Water Penetration, Extent : Light, Area Affected : 8%								
Location : Throughout								
Ceramic Tile	5%	Now	$6,700	2032	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	10%			LIFE	* *	5	$10,900	
Vinyl Tile	77%			2028	* *	3	$40,100	
Interior Walls								
Ceramic Tile	5%	0-2	$8,500	2032	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Metal Panel	5%			LIFE	* *			
Mosaic Tile	3%			LIFE	* *			
Operable Wall	2%			2033	* *	5	$8,600	
Marble Panels	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$16,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%			2036	* *	5	$55,600	
AcousTileConcealSpLn	25%	2-4	$281,000	2043	* *	5	$21,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s)								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Corridor(s)								
AcousTileSusp.Lay-In	10%			2036	* *	5	$13,900	
Exposed Concrete	15%			LIFE	* *	5	$3,300	
Plaster	10%			LIFE	* *	5	$8,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$153,900	5	$300	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	80%			2022	$143,500	5	$1,900	
Wiring								
Thermoplastic	90%			2023	$230,000	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	10%			2036	* *	5	$100	
Locally Mounted	80%			2021	$60,400	5	$500	
Motor Control Center	10%			2021	$29,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2018	$969,900	10	$80,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2018	$22,200	10	$100	
Incandescent	3%			2018	$31,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$62,600	10	$11,200	
Exit, Service	50%			2023	$12,500	1		
Exterior Lighting								
HID	100%			2018	$339,900	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2023	$372,900	1-3	$22,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Heat Exchanger	30%			2026	$5,900	1	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Used For Hydronic Loops								
Steam Boiler	70%			2028	* *	1	$64,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2031	* *	4	$1,400	
Steam Piping/Pump	70%			2033	* *	4	$4,800	
Terminal Devices								
Air Handler	30%			2028	* *	1	$17,200	
Convector/Radiator	30%			2028	* *	1	$9,000	
Fan Coil Unit/Heat	40%			2023	$556,400	1	$12,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2028	* *	1	$12,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement, Chiller Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2033	* *	4	$2,100	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2023	$66,200	1	$17,200	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2023	$49,900	2	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	30%	Now	$600	2028	* *	2	$700	
Noisy/Vibrating, Extent : Moderate, Area Affected : 2%								
Location : Fan Room 2nd Floor								
Roof	70%			2028	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$21,600	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - SI

Asset # : 1418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : One Unit - Not In Service								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$46,800	
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 61 - M**				
Address	: **610 EAST 12 STREET @AVENUE B**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M061**
Program / Asset #	: **BOE0038.000 / 1701**			**Yr Built/Renovated**	: **1913 / 2013**
Area Sq Ft	: **75,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Sep-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **394**	**Lot**	: **12**	**BIN**	: **1079053**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$673,300	$423,300
Interior Architecture	$213,000	$68,600
Electrical	$1,073,100	$369,500
Mechanical	$136,800	$701,900
Total	**$2,096,200**	**$1,563,300**
Importance Code A	$673,300	$441,900
Importance Code B	$1,330,600	$1,121,500
Importance Code C	$92,300	
Total	**$2,096,200**	**$1,563,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$13,400
Interior Architecture	$35,500	$4,300	$2,900	$23,100
Electrical		$300	$900	$58,000
Mechanical	$59,600	$14,200	$14,500	$18,600
Total	**$95,100**	**$18,800**	**$18,300**	**$113,100**
Importance Code A	$7,600	$7,600	$7,600	$21,200
Importance Code B	$87,500	$11,100	$10,700	$91,800
Importance Code C				
Total	**$95,100**	**$18,800**	**$18,300**	**$113,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%	Now	$389,200	LIFE	* *	5	$129,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
Location : East Facade								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Metal Panel	5%			2035	* *	5-10	$49,300	
Windows								
Wood	100%			2033	* *	5	$405,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$1,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%	Now	$45,400	LIFE	* *	5	$7,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Under Construction	10%							
Roof								
Built-Up (BUR)	90%			2030	* *	10	$36,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Paver: Asphalt	10%			2034	* *	10	$6,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2034	* *	5	$5,800	
Quarry Tile	5%			2038	* *	5	$8,700	
Terrazzo	5%	2-4	$26,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	0-2	$71,600	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	5%	0-2	$49,100	2035	* *	3	$2,200	
Deflection Evident, Extent : Moderate, Area Affected : 35%								
Location : Auditorium								
Vinyl Tile	60%			2035	* *	3	$34,600	
Recent Installation, Extent : Light, Area Affected : 60%								
Location : Throughout								
Wood	10%			2040	* *	5	$21,700	
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	80%	2-4	$92,300	LIFE	* *	5	$34,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2030	* *	5	$5,800	
Plaster	95%			LIFE	* *	5	$68,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	85%			2024	$114,400	5	$1,700	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	70%	0-2	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2025	$43,500	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2020	$685,500	10	$56,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2030	* *	10	$10,600	
T-5 Lamps, Extent : Moderate, Area Affected : 15%								
Location : Basement								
HID	2%			2020	$12,300	10	$100	
Incandescent	3%			2020	$25,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$52,000	10	$9,300	
Exit, Service	50%			2020	$10,400	1		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$76,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$26,900	2035	* *	4	$3,800	
Loose, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%			2020	$41,600	1	$4,800	
Convector/Radiator	80%			2023	$583,000	1	$19,900	
Unit Heater-Stm/HW	10%	Now	$2,500	2025	$49,800	4	$700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 1 Floor Lobby								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$95,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,300	
No Component	90%							
Exhaust Fans								
Roof	10%			2030	* *	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$69,100	1		
Water Heater								
Gas Fired	100%			2024	$17,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2035	* *	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - M

Asset # : 1701

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$27,000	1-2	$600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 62 - Q**		
Address	**: 97-25 108 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q062**
Program / Asset #	**: BOE0717.000 / 554**	**Yr Built/Renovated**	**: 1955 / 2003**
Area Sq Ft	**: 107,384**	**Project Type**	**: EDUCATION**
Date of Survey	**: 13-Sep-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 9410 Lot : 1**	**BIN**	**: 4197909**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$155,000	$735,300
Interior Architecture	$95,700	$410,000
Electrical	$156,200	$305,200
Mechanical	$66,200	$406,400
Total	**$473,100**	**$1,856,800**
Importance Code A	$155,000	$735,300
Importance Code B	$318,100	$1,121,500
Total	**$473,100**	**$1,856,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$57,900		$50,800	
Interior Architecture	$18,100	$8,400	$33,000	$10,000
Electrical	$30,200	$14,600	$11,300	$16,700
Mechanical	$24,100	$31,400	$72,600	$30,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,300**	**$58,400**	**$171,800**	**$61,000**
Importance Code A	$68,600	$10,600	$61,700	$10,600
Importance Code B	$65,700	$47,700	$110,100	$50,400
Importance Code C				
Total	**$134,300**	**$58,400**	**$171,800**	**$61,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$7,700	
Masonry: Brick	48%	Now	$118,500	LIFE	* *	5	$39,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1955 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1955 Wing West Facade								
Masonry: Brick	20%			LIFE	* *	5	$16,400	
Masonry: Brick	25%			LIFE	* *	5	$20,500	
Metal Panel	3%			2044	* *	5-10	$16,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,300	
Windows								
Aluminum	20%	Now	$32,500	2040	* *	5	$1,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Third Floor 1991 Addition								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Third Floor 1991 Addition								
Aluminum	25%			2046	* *	5	$4,900	
Aluminum	45%			2032	* *	5	$8,700	
Glass Block	5%	Now	$4,800	LIFE	* *	5	$600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Gymnasium								
Steel	5%			2032	* *	5	$12,100	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$2,400	
Masonry: Brick	45%			LIFE	* *	5	$5,300	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Rail	10%			2029	* *	5-10	$21,400	
Metal: Cage/Fence	15%			2037	* *	5-10	$13,800	
Pre-Cast Concrete	5%	Now	$2,100	LIFE	* *	5	$3,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping 2003 Wing								
Roof								
Built-Up (BUR)	30%	Now	$36,500	2024	$182,500			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Kitchen								
Built-Up (BUR)	25%			2029	* *	10	$33,200	
Copper/Terne	5%			2052	* *	10	$16,600	
IRMA/Protected Membrane	40%			2024	$423,600	10	$53,100	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%			2033	* *	5	$4,800	
Terrazzo	5%			LIFE	* *	5	$6,300	
Vinyl Tile	25%			2029	* *	3	$20,100	
Vinyl Tile	30%			2024	$410,000	3	$18,100	
Vinyl Tile	25%			2032	* *	3	$20,100	
Vinyl Tile	7%			2019	$95,700	3	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Explanation : 9x9 Tiles								
Wood	5%			2039	* *	5	$15,100	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$14,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$22,000	
SGFT/Glazed Masonry	20%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2029	* *	5	$48,200	
AcousTileSusp.Lay-In	10%			2037	* *	5	$16,100	
AcousTileSusp.Lay-In	20%			2041	* *	5	$32,100	
Exposed Concrete	20%			LIFE	* *	5	$5,000	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	18%			LIFE	* *	5	$18,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 5000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$400	
Fused Knife Sw	10%	2-4	$17,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Obsolete Equipment								
Molded Case Bkrs	45%			2023	$80,700	5	$1,300	
Molded Case Bkrs	30%			2040	* *	5	$800	
Wiring								
Braided Cloth	20%	2-4	$59,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Building								
Thermoplastic	50%			2034	* *	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$400	
Locally Mounted	50%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$33,000	
Generators								
Diesel	100%			2033	* *	1	$41,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 275 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$4,000	
Fuel Storage								
Day Tank	50%			2040	* *	5	$10,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Capacity Ratings								
Main Tank	50%			2052	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 243 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$96,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$20,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$106,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$7,900	
Terminal Devices								
Air Handler	25%			2024	$144,800	1	$16,600	
Convector/Radiator	75%			2029	* *	1	$26,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2029	* *	1	$14,900	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	30%			2019	$66,200	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2044	* *	4	$1,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2024	$82,100	1	$19,900	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2024	$115,500	2	$22,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,900	
Exhaust Fans								
Interior	25%			2024	$29,700	2	$800	
Roof	75%			2024	$64,000	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$25,000	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1, 2, 3, Ph								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$54,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - Q

Asset # : 554

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$9,000	
Fire Pump								
Generic	100%			2027	* *	1	$20,100	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 63 - M**		
Address	: **121 EAST 3 STREET BTWN: 1 AVE., AVE. A**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M063**
Program / Asset #	: **BOE0039.000 / 1675**	**Yr Built/Renovated**	: **1905 / 2014**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Jun-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **431** **Lot** : **14**	**BIN**	: **1005760**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$520,200	$288,200
Interior Architecture	$475,100	$599,500
Electrical	$879,500	$1,622,500
Mechanical	$217,400	$1,130,100
Total	**$2,092,200**	**$3,640,300**
Importance Code A	$520,200	$325,300
Importance Code B	$1,362,300	$3,315,100
Importance Code C	$209,600	
Total	**$2,092,200**	**$3,640,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,800			$16,800
Interior Architecture		$5,700	$14,400	$22,100
Electrical	$9,900	$1,300	$1,900	$12,200
Mechanical	$64,500	$32,100	$21,000	$11,800
Total	**$84,200**	**$39,100**	**$37,300**	**$62,800**
Importance Code A	$18,300	$8,700	$8,700	$25,700
Importance Code B	$65,900	$26,400	$28,600	$37,200
Importance Code C		$4,100		
Total	**$84,200**	**$39,100**	**$37,300**	**$62,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$119,500	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$91,800	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Masonry: Brick	25%	Now	$115,400	LIFE	* *	5	$38,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation On South Side								
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Windows								
Aluminum	100%	Now	$369,300	2041	* *	5	$22,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lintels								
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5	$38,700	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5	$5,000	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Masonry: Brick Cavity	25%			LIFE	* *	5	$3,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	65%			2030	* *	10	$35,500	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Copper/Terne	5%			2040	* *	10	$6,800	
Metal Panel	10%			2030	* *	10	$10,000	
Paver: Asphalt	20%	Now	$9,800	2034	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	10%			2034	* *	5	$13,100	
Marble Panels	2%			LIFE	* *	5	$2,000	
Vinyl Tile	20%	Now	$222,500	2035	* *	3	$9,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vinyl Tile	48%			2025	$534,100	3	$23,600	
Vinyl Tile	10%			2033	* *	3	$4,900	
Wood	10%			2040	* *	5	$24,500	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$8,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement Restrooms								
Glass: Single Pane	5%	Now	$49,000	LIFE	* *	5	$6,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	15%	Now	$95,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	25%	Now	$65,400	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 406, 408, 409 And Various Others On Fourth Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Stair E In Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Stair, Rooms 406, 408, 409 And Various Others								
Plaster	45%			LIFE	* *	5	$22,000	
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$13,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	25%	Now	$42,900	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 406, 408, 409 And Various Others								
Plaster	55%			LIFE	* *	5	$45,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And Auditorium								
Molded Case Bkrs	80%			2024	$143,500	5	$1,800	
Molded Case Bkrs	10%			2033	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$217,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2035	* *	1		
Motor Controllers								
Locally Mounted	85%			2023	$64,200	5	$500	
Locally Mounted	15%			2030	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$922,600	10	$76,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2025	$48,600	10	$4,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Staircase								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,600	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$321,000	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$77,200	1	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$264,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 8,000 Gallon Tank For #2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%	0-2	$8,500	2038	* *	1	$77,900	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler No.2 Water Feeder Malfunctioning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,300	
Terminal Devices								
Convector/Radiator	100%	Now	$82,600	2023	$825,900	1	$25,400	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Explanation : Steam Traps In Need Of Repair								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$134,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - M

Asset # : 1675

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$9,700	2025	$48,300	2	$1,100	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Interior Exhaust System Not Working								
Roof	50%	Now	$17,400	2030	* *	2	$1,100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2045	* *	1		
Galv Iron/Steel	98%	0-2	$25,600	2023	$255,900	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2018	$20,300	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious Type With Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$3,300	2025	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Basement, 2 Of 4 Sump Pumps Not Working								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2035	* *	1-2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Area								
Explanation : Several Heads Serve Storage Area								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 63 - Q**
Address : **90-15 SUTTER AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0718.000 / 555**
Area Sq Ft : **118,840**
Date of Survey : **22-Sep-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **9155** **Lot** : **25**

Agency's Number : **Q063**
Yr Built/Renovated : **1926 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4190727**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$380,900	$262,000
Interior Architecture	$756,200	$161,800
Electrical	$538,300	$657,800
Mechanical	$672,700	$681,200
Total	**$2,348,200**	**$1,762,800**
Importance Code A	$380,900	$298,300
Importance Code B	$1,967,200	$1,464,600
Total	**$2,348,200**	**$1,762,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,900	$1,300	$14,300	
Interior Architecture	$4,100	$35,000	$3,300	$1,100
Electrical	$7,100	$5,200	$6,400	$4,300
Mechanical	$16,800	$20,200	$29,600	$16,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$36,700**	**$65,600**	**$57,600**	**$25,700**
Importance Code A	$15,200	$11,900	$24,600	$10,300
Importance Code B	$17,500	$53,800	$33,000	$15,400
Importance Code C	$4,100			
Total	**$36,700**	**$65,600**	**$57,600**	**$25,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$81,900	
Masonry: Brick	58%	Now	$262,100	LIFE	* *	5	$86,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Rooms 215, 315								
Masonry: Brick	20%			LIFE	* *	5	$30,000	
Marble Panels	2%			LIFE	* *	5	$2,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$14,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$48,700	
Windows								
Aluminum	98%			2039	* *	5	$28,600	
Metal Louvers	2%			2032	* *	10	$3,700	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$11,600	
Metal Panel	5%			2043	* *	5	$2,600	
Pre-Cast Concrete	10%	Now	$4,900	LIFE	* *	5	$8,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping 1926 Wing								
Roof								
Built-Up (BUR)	50%			2028	* *	10	$41,400	
Clay Tile	15%	Now	$41,400	2033	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1926 Wing								
Copper/Terne	3%			2051	* *	10	$6,200	
Metal Panel	5%			2036	* *	10	$7,600	
Modified Bitumen	25%	Now	$36,100	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : 2000 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2000 Wing								
Skylight, Plastic	2%			2036	* *	1		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$58,400	
Ceramic Tile	3%			2026	$103,400	5	$5,300	
Terrazzo	2%			LIFE	* *	5	$2,800	
Vinyl Tile	5%	0-2	$75,600	2033	* *	3	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Small Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Small Gymnasium								
Vinyl Tile	45%			2018	$680,600	3	$30,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2028	* *	3	$10,000	
Wood	15%			2038	* *	5	$50,000	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$8,100	
Gypsum Board	20%			LIFE	* *	5	$19,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	63%			LIFE	* *	5	$30,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 215, 217								
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	$17,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 330, 332, 336								
AcousTileSusp.Lay-In	25%			2036	* *	5	$44,500	
Exposed Concrete	40%			LIFE	* *	5	$11,100	
Plaster	25%			LIFE	* *	5	$27,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2023	$146,100	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$300	
Fused Toggle Switch	1%	2-4	$1,800	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	59%			2022	$105,800	5	$1,800	
Molded Case Bkrs	30%			2039	* *	5	$900	
Wiring								
Braided Cloth	30%	2-4	$89,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	50%			2023	$149,200	1		
Motor Controllers								
Locally Mounted	70%			2036	* *	5	$600	
Locally Mounted	30%			2021	$34,500	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	94%			2031	* *	10	$102,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$28,500	10	$100	
Incandescent	3%			2023	$39,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$80,100	10	$14,300	
Exit, Service	50%			2023	$16,000	1		
Exterior Lighting								
HID	100%			2018	$448,800	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	35%							
Generic	65%			2028	* *	1-3	$47,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2043	* *	1		
Interruptible Gas/Dual Fuel	75%			2043	* *	1		
Conversion Equipment								
Furnace	25%			2023	$36,300	1	$14,700	
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 6 Roof Top Package Units								
Steam Boiler	75%			2036	* *	1	$88,300	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	75%			2043	* *	4	$4,400	
No Component	25%							
Terminal Devices								
Air Handler	15%			2018	$96,100	1	$11,000	
Convector/Radiator	40%			2021	$449,000	1	$15,400	
Fan Coil Unit/Heat	20%			2018	$355,900	1	$7,700	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2023	$195,900	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 6 Roof Top Package Units								
Window/Wall Unit	50%			2018	$122,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$49,700	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$16,600	
Exhaust Fans								
Interior	75%			2018	$98,500	2	$2,700	
Roof	25%			2028	* *	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	$27,600	2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - Q

Asset # : 555

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$11,500	1	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-4							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2043	* *	1-5	$15,000	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$8,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 64 - M (OL 71)**				
Address	: **600 EAST 6 STREET BTWN: AVE. B, AVE. C**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M064**	
Program / Asset #	: **BOE0040.000 / 2771**		**Yr Built/Renovated**	: **1954 / 2010**	
Area Sq Ft	: **134,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **12-Jun-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **387**	**Lot** : **1**	**BIN**	: **1004627**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$118,800
Interior Architecture	$40,400	$1,622,200
Electrical	$834,300	$252,100
Mechanical	$211,900	$665,700
Total	**$1,086,600**	**$2,658,800**
Importance Code A		$118,800
Importance Code B	$1,046,200	$2,539,900
Importance Code C	$40,400	
Total	**$1,086,600**	**$2,658,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,600		$6,100	
Interior Architecture		$30,700	$29,600	$19,300
Electrical	$3,300	$1,900	$1,500	$28,200
Mechanical	$54,700	$23,400	$38,400	$23,400
Total	**$88,600**	**$55,900**	**$75,500**	**$70,900**
Importance Code A	$44,300	$13,600	$19,700	$13,600
Importance Code B	$44,400	$42,300	$50,700	$57,200
Importance Code C			$5,200	
Total	**$88,600**	**$55,900**	**$75,500**	**$70,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OL 71)

Asset # : 2771

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$118,800	
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Windows								
Aluminum	95%			2041	* *	5	$44,200	
Metal Louvers	5%			2034	* *	10	$14,600	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$25,100	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Mechanical Penthouse								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Roof								
Built-Up (BUR)	92%	Now	$30,600	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Principals Office								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Over Third Floor Roof								
Explanation : Roof Top Garden								
Roll Roofing	5%			2024	$30,000	5	$12,100	
Skylight, Metal/Glass	3%			2035	* *	10	$14,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,500	
Ceramic Tile	5%			2034	* *	5	$10,300	
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	15%			2025	$262,400	3	$11,600	
Vinyl Tile 9" X 9"	60%			2025	$1,359,800	3	$46,300	
Wood	10%			2040	* *	5	$38,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$10,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	5%	Now	$40,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Bulkhead								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Bulkhead								
Plaster	47%			LIFE	* *	5	$29,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OL 71)

Asset # : 2771

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$61,300	
Exposed Concrete	60%			LIFE	* *	5	$19,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 320								
Plaster	10%			LIFE	* *	5	$12,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$600	
Raceway								
Conduit	40%			2051	* *	1		
Conduit	60%			2025	$148,500	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	95%			2047	* *	5	$3,400	
Wiring								
Braided Cloth	60%	2-4	$208,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$103,600	5	$800	
Locally Mounted	5%			2042	* *	5		
Variable Frequency Drive	5%			2042	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OL 71)

Asset # : 2771

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$119,800	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2033	* *	10	$3,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	1%			2020	$11,000	10		
Incandescent	1%			2020	$15,300	2		
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$16,600	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$506,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$136,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OL 71)

Asset # : 2771

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2025	$185,300	1	$21,300	
Convector/Radiator	75%			2030	* *	1	$33,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$211,900	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,600	
Exhaust Fans								
Interior	100%	Now	$30,400	2025	$151,900	2	$3,400	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : All Exhaust Fan Motors Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2035	* *	1		
Galv Iron/Steel	80%			2023	$328,400	1		
Water Heater								
Gas Fired	100%			2024	$32,000	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Duplex Sets								
Backflow Preventer								
Generic	100%			2030	* *	1	$8,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Areas								
Explanation : Serves Storage Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - M (OL 71)

Asset # : 2771

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2028	* *	1	$25,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 64 - Q**		
Address	: **82-01 101 AVENUE BTWN: 82 ST., 83 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q064**
Program / Asset #	: **BOE0719.000 / 556**	**Yr Built/Renovated**	: **1939 / 2011**
Area Sq Ft	: **68,828**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-May-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **9053** **Lot** : **14**	**BIN**	: **4188214**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$288,200
Interior Architecture		$262,800
Electrical	$675,600	$348,400
Mechanical	$324,900	$1,250,800
Total	**$1,000,600**	**$2,150,200**
Importance Code A		$641,800
Importance Code B	$1,000,600	$1,508,400
Total	**$1,000,600**	**$2,150,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,700	$25,000		
Interior Architecture	$68,600	$4,800	$3,900	$35,700
Electrical	$5,600	$8,900	$6,100	$22,700
Mechanical	$23,300	$15,200	$23,400	$43,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$125,200**	**$57,900**	**$37,300**	**$105,800**
Importance Code A	$30,500	$31,800	$6,800	$7,000
Importance Code B	$94,600	$26,100	$30,500	$98,800
Importance Code C				
Total	**$125,200**	**$57,900**	**$37,300**	**$105,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$37,600	
Masonry: Brick	58%			LIFE	* *	5	$62,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	35%			2041	* *	5	$9,100	
Aluminum	65%			2047	* *	5	$16,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1939 Wing								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$23,500	
Masonry: Brick	10%			LIFE	* *	5	$2,300	
Masonry: Brick	63%			LIFE	* *	5	$14,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1939 Wing								
Masonry: Limestone	2%			LIFE	* *	5	$600	
Metal Rail	10%			2038	* *	5-10	$41,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,200	
Roof								
Built-Up (BUR)	65%			2033	* *	10	$35,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	35%	Now	$15,300	2025	$152,700			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,500	
Ceramic Tile	5%	0-2	$5,000	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	0-2	$13,100	2030	* *	3	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%			2025	$262,800	3	$11,600	
Wood	5%			2053	* *	5	$9,700	
Wood	35%			2040	* *	5	$67,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Gypsum Board	10%			LIFE	* *	5	$5,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$11,400	
SGFT/Glazed Masonry	10%			LIFE	* *			
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%	0-2	$6,300	2038	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$2,400	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%	0-2	$10,400	LIFE	* *	5	$12,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	0-2	$33,800	LIFE	* *	5	$32,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	50%			2025	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2035	* *	5	$100	
Fused Disc Sw	60%			2025	$88,000	5	$200	
Raceway								
Conduit	20%			2035	* *	1		
Conduit	80%			2025	$99,100	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	40%			2033	* *	5	$700	
Molded Case Bkrs	50%			2024	$67,300	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$21,200	
Generators								
Natural Gas	100%			2028	* *	1	$26,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : I- 100 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$60,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	2%			2030	* *	10	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : T-5 Lamps								
HID	2%			2020	$11,000	10		
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	30%			2020	$5,600	1		
Exit, Service	20%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$259,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$7,700	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$249,500			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$21,300	
Conversion Equipment								
Steam Boiler	100%			2023	$335,100	1	$68,200	
Repairs In Progress, Extent : Light, Area Affected : 2%								
Location : Oil Pump Is Under Repair, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$48,100	2025	$480,600	4	$3,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2030	* *	1	$8,500	
Convector/Radiator	60%			2030	* *	1	$13,300	
Fan Coil Unit/Heat	20%			2020	$206,100	1	$4,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2025	$70,100	1	$9,600	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 3rd Mech Room, New Addition								
Window/Wall Unit	50%			2020	$70,700	1		
No Component	20%							
Terminal Devices								
Direct Expansion	30%			2030	* *	1		
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2025	$98,700	2	$14,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,400	
Exhaust Fans								
Interior	80%			2025	$60,900	2	$1,700	
Roof	20%			2025	$10,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2025	$205,600	1		
Water Heater								
Electric	100%			2020	$10,700	4	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - Q

Asset # : 556

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2025	$3,300	1	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$10,400	
Sprinkler								
No Component	97%							
Generic	3%			2025	$24,100	1-2	$600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

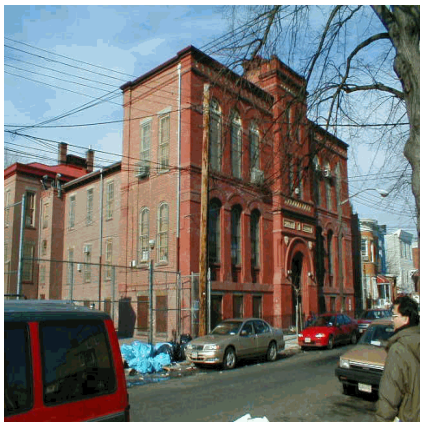
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 65 - BK**
Address : **158 RICHMOND STREET BTWN: FULTON ST. - RIDGEWOOD AVE**
Borough : **BROOKLYN**
Agency's Number : **K065**
Program / Asset # : **BOE0390.000 / 1387**
Yr Built/Renovated : **1873 / 1999**
Area Sq Ft : **23,000**
Project Type : **EDUCATION**
Date of Survey : **27-Jan-2012**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **4126** **Lot** : **47**
BIN : **3092063**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$92,500	$99,400
Interior Architecture		$272,600
Electrical	$366,100	$103,500
Mechanical	$37,200	$46,300
Total	**$495,700**	**$521,800**
Importance Code A	$92,500	$99,400
Importance Code B	$403,200	$422,400
Total	**$495,700**	**$521,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,000		
Interior Architecture	$46,200	$15,500		$1,800
Electrical	$600	$26,000	$500	$400
Mechanical	$3,900	$9,400	$4,100	$3,300
Total	**$50,600**	**$68,800**	**$4,600**	**$5,500**
Importance Code A	$2,300	$20,400	$2,300	$2,300
Importance Code B	$20,100	$48,400	$2,300	$3,200
Importance Code C	$28,200			
Total	**$50,600**	**$68,800**	**$4,600**	**$5,500**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$92,500	LIFE	* *	5	$28,100	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brownstone	10%			LIFE	* *	5	$2,300	
Windows								
Wood	100%			2031	* *	5	$99,400	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$4,800	
Wood Cornice	25%			2033	* *	5-10	$21,300	
Roof								
Metal Panel	65%			2036	* *	10	$29,300	
Modified Bitumen	35%			2028	* *	10	$8,600	
Interior								
Floors								
Ceramic Tile	5%			2026	$37,500	5	$1,800	
Traffic Topping	25%			2023	$120,000	5	$11,100	
Vinyl Tile	5%	Now	$16,400	2033	* *	3	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Nurses Room								
Poor Subfloor Evident, Extent : Severe, Area Affected : 100%								
Location : Nurses Room								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Nurses Room								
Vinyl Tile	35%			2023	$115,100	3	$6,200	
Wood	30%			2038	* *	5	$19,900	
Interior Walls								
Masonry: Brick	15%	Now	$28,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler And Book Storage Rooms At Basement Level								
Plaster	75%			LIFE	* *	5	$9,900	
Wood	10%			LIFE	* *	5	$17,600	
Ceilings								
Embossed Metal	90%			LIFE	* *	5	$14,300	
Plaster	10%			LIFE	* *	5	$2,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$5,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	95%			2023	$54,500	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$8,200	5	$100	
Molded Case Bkrs	30%			2031	* *	5	$200	
Molded Case Bkrs	60%			2022	$49,000	5	$400	
Wiring								
Braided Cloth	65%	2-4	$47,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	78%			2018	$223,900	10	$16,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2028	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2018	$4,100	10		
Egress Lighting								
Emergency, Battery	50%			2023	$17,400	10	$2,900	
Exit, Service	50%			2023	$3,500	1		
Exterior Lighting								
HID	100%			2018	$94,900	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$4,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BK

Asset # : 1387

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$1,700	
Terminal Devices								
Convector/Radiator	90%			2036	* *	1	$6,900	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Rooms # 105, 205								
Fan Coil Unit/Heat	10%			2028	* *	1	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2018	$37,200	1		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%			2021	$46,300	1		
Water Heater								
Gas Fired	100%			2018	$6,000	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$12,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$1,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 66 - M LANG & HEAR IMPRV**		
Address	: **421 EAST 88 STREET @FIRST - YORK AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M066**
Program / Asset #	: **BOE0042.000 / 1676**	**Yr Built/Renovated**	: **1908 / 2008**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1568** **Lot** : **8**	**BIN**	: **1050618**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$180,800
Interior Architecture	$450,400	$467,800
Electrical		$833,200
Mechanical	$83,300	$737,600
Total	**$533,800**	**$2,219,400**
Importance Code A		$180,800
Importance Code B	$394,600	$2,038,600
Importance Code C	$139,200	
Total	**$533,800**	**$2,219,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,000		$29,500	$15,300
Interior Architecture	$29,600		$3,300	$6,100
Electrical	$2,700	$1,600	$2,100	$2,000
Mechanical	$71,100	$11,000	$36,900	$11,000
Total	**$109,400**	**$12,700**	**$71,900**	**$34,500**
Importance Code A	$20,500	$5,900	$35,500	$21,300
Importance Code B	$76,600	$6,800	$36,300	$13,200
Importance Code C	$12,300			
Total	**$109,400**	**$12,700**	**$71,900**	**$34,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - M LANG & HEAR IMPRV

Asset # : 1676

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$86,600	
Masonry: Brick	85%			LIFE	* *	5	$94,200	
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Windows								
Aluminum	98%			2040	* *	5	$30,700	
Wood	2%			2032	* *	5	$6,300	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$9,400	
Masonry: Brick	85%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$29,500	
Metal Panel	5%			2037	* *	10	$2,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,500	
Ceramic Tile	5%	Now	$17,300	2033	* *	5	$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Bathrooms								
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Various Bathrooms, 2012								
Vinyl Tile	30%			2019	$227,800	3	$10,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	55%	0-2	$83,500	2024	$417,600	3	$18,400	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor, Corridors								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Cafeteria, 2010								
Interior Walls								
Ceramic Tile	2%	Now	$12,300	2037	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Various Bathrooms, 2012								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Glass: Single Pane	5%			LIFE	* *	5	$4,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	78%	Now	$139,200	LIFE	* *	5	$26,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 505, 506, 507 And 509								
SGFT/Glazed Masonry	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - M LANG & HEAR IMPRV

Asset # : 1676

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$50,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2034	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2034	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$200	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	* *	5	$200	
Molded Case Bkrs	85%			2032	* *	5	$1,300	
Wiring								
Thermoplastic	95%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	80%			2024	$530,200	10	$43,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	* *	10	$10,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2024	$40,200	10	$7,200	
Exit, Service	50%			2024	$8,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - M LANG & HEAR IMPRV

Asset # : 1676

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$219,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$6,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$14,500	2037	* *	1	$53,200	
Damaged, Extent : Severe, Area Affected : 65%								
Location : Boilers #2 And #3 Are Nearing Retubing Requirement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$83,300	2034	* *	4	$2,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Area, Deteriorating Condensate Return Piping, Defective Branch Riser Isolation Valve								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Defective Climate Controls								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2029	* *	1	$3,700	
Convector/Radiator	90%	Now	$25,400	2029	* *	1	$15,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	95%			2024	$261,600	2	$3,500	
No Component	5%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - M LANG & HEAR IMPRV

Asset # : 1676

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	95%	Now	$13,200	2034	* *	4	$2,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	5%							
Terminal Devices								
Fan Coil - Cooling	100%			2024	$436,400	1	$19,300	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$41,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,300	
Exhaust Fans								
Interior	60%			2024	$39,600	2	$1,100	
Roof	40%			2024	$19,000	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$13,900	2	$900	
Sanitary Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 66 - Q**		
Address	: **85-11 102 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q066**
Program / Asset #	: **BOE0720.000 / 557**	**Yr Built/Renovated**	: **1898 / 2011**
Area Sq Ft	: **31,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Sep-2011**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9183** **Lot** : **1**	**BIN**	: **4191497**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$46,200	$118,400
Interior Architecture	$55,000	$266,000
Electrical	$669,100	$45,900
Mechanical	$57,300	$539,300
Total	**$827,600**	**$969,600**
Importance Code A	$46,200	$118,400
Importance Code B	$781,400	$851,300
Total	**$827,600**	**$969,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,600		
Interior Architecture	$3,600	$5,700	$1,200	$3,600
Electrical	$700	$31,700	$600	$600
Mechanical	$5,600	$4,200	$5,900	$4,200
Total	**$9,900**	**$49,200**	**$7,700**	**$8,400**
Importance Code A	$3,200	$10,900	$3,200	$3,200
Importance Code B	$6,700	$38,300	$4,500	$5,200
Importance Code C				
Total	**$9,900**	**$49,200**	**$7,700**	**$8,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,800	
Masonry: Brick	85%			LIFE	* *	5	$43,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Stucco Cement	5%			2028	* *	5	$6,300	
Windows								
Wood	100%	Now	$46,200	2031	* *	5	$75,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$2,500	
Masonry: Brick	20%			LIFE	* *	5	$1,300	
No Component	75%							
Roof								
Built-Up (BUR)	18%			2028	* *	10	$4,500	
Skylight, Metal/Glass	2%			2033	* *	10	$1,700	
Slate	80%			LIFE	* *			
Interior								
Floors								
Asphalt Poured	10%			2028	* *	5	$2,400	
Vinyl Tile	60%			2023	$266,000	3	$14,300	
Vinyl Tile	20%			2028	* *	3	$3,600	
Wood	10%			2038	* *	5	$8,900	
Interior Walls								
Glass: Single Pane	10%			LIFE	* *	5	$4,500	
Masonry: Brick	15%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$13,400	
Ceilings								
Embossed Metal	30%	Now	$55,000	LIFE	* *	5	$6,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Plaster	70%			LIFE	* *	5	$20,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	80%			2023	$45,900	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$12,200	5	$100	
Molded Case Bkrs	50%			2048	* *	5	$400	
Molded Case Bkrs	35%			2031	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$50,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : null								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-5 Lamps								
Fluorescent	95%			2018	$367,600	10	$27,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$1,100	
Exterior Lighting								
HID	100%			2018	$127,900	10	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$122,800	1-3	$6,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$31,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2023	$243,200	4	$1,600	
Terminal Devices								
Convector/Radiator	90%			2021	$296,100	1	$9,300	
Unit Heater-Stm/HW	10%			2023	$22,500	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$57,300	1		
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2022	$8,100	2	$500	
Sanitary Piping								
Cast Iron	100%	Now	$1,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Girls & Boys Toilet Rooms On 2nd Floor								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Girls & Boys Toilet Rooms On 2nd Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - Q

Asset # : 557

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$8,100	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 67 - BK**				
Address	: **51 SAINT EDWARDS STREET @ PARK AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K067**	
Program / Asset #	: **BOE0391.000 / 1388**		**Yr Built/Renovated**	: **1923 / 2009**	
Area Sq Ft	: **115,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **09-Dec-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **2039**	**Lot** : **2**	**BIN**	: **3332507**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$283,700
Interior Architecture	$788,000	$173,000
Electrical	$2,359,200	$641,300
Mechanical	$486,800	$1,042,700
Total	**$3,634,000**	**$2,140,600**
Importance Code A		$304,700
Importance Code B	$3,201,500	$1,793,000
Importance Code C	$432,500	$43,000
Total	**$3,634,000**	**$2,140,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$28,200		
Interior Architecture	$71,900			$13,300
Electrical	$18,500	$400	$1,300	$31,100
Mechanical	$59,400	$20,400	$30,000	$78,400
Total	**$149,800**	**$49,000**	**$31,300**	**$122,800**
Importance Code A	$11,700	$39,900	$11,700	$12,000
Importance Code B	$138,100	$9,100	$19,500	$110,800
Importance Code C				
Total	**$149,800**	**$49,000**	**$31,300**	**$122,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	1%			LIFE	* *	5	$11,000	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$85,900	
Masonry: Brick	90%			LIFE	* *	5	$197,800	
Masonry: Granite	2%			LIFE	* *	5	$3,300	
Masonry: Limestone	2%			LIFE	* *	5	$3,300	
Windows								
Aluminum	100%			2041	* *	5	$62,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,500	
Masonry: Brick	90%			LIFE	* *	5	$14,500	
Roof								
Built-Up (BUR)	40%			2033	* *	10	$24,600	
Copper/Terne	5%			2053	* *	10	$7,700	
IRMA/Protected Membrane	30%			2033	* *	10	$18,500	
Metal Panel	25%			2038	* *	10	$28,200	
Interior								
Floors								
Cast in Place Concrete	7%	Now	$6,400	LIFE	* *	5	$27,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10% Location : Throughout								
Ceramic Tile	3%	2-4	$10,300	2034	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout								
Quarry Tile	5%	2-4	$50,900	2038	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Throughout								
Vinyl Tile	55%	2-4	$165,600	2030	* *	3	$36,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Throughout								
Vinyl Tile 9" X 9"	5%	2-4	$19,500	2020	$97,500	3	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Throughout								
Wood	25%			2040	* *	5	$83,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$60,800	2034	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Stairs 6 And 7								
Masonry: Brick	10%	Now	$85,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$115,000	LIFE	* *	5	$43,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	20%	2-4	$170,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	10%	2-4	$7,200	2030	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%	Now	$28,500	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$88,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Elecrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	95%			2025	$198,200	1		
Conduit	5%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete								
Molded Case Bkrs	75%			2024	$134,500	5	$2,300	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	20%			2038	* *	5	$200	
Locally Mounted	80%			2023	$92,100	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	20%			2030	* *	10	$21,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways & Multi Purpose Room								
Explanation : Using T-8 Lamps								
Fluorescent	70%			2020	$919,800	10	$75,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2020	$131,400	10	$10,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2020	$79,800	10	$14,300	
Exit, Service	50%			2020	$16,000	1		
Exterior Lighting								
HID	100%			2020	$434,300	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$416,900			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$117,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$82,600	2035	* *	4	$5,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$6,400	2020	$127,600	1	$13,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Air Handlers Steam Leaks, Basement								
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2023	$893,900	1	$30,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$145,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,000	
Exhaust Fans								
Interior	100%	Now	$13,100	2020	$130,800	2	$2,900	
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$70,700	1		
Water Heater								
Gas Fired	100%			2020	$27,500	2	$1,700	
HW Heat Exchanger								
Low Temp	100%			2025	$36,700	4	$17,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BK

Asset # : 1388

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2035	* *	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$41,400	1-2	$1,000	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 68 - BX MINISCHOOL**		
Address	: **4011 MONTICELLO AVENUE @STRANG AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X068**
Program / Asset #	: **BOE0209.010 / 13421**	**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **9,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **4986** **Lot** : **81**	**BIN**	: **2067852**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$115,700
Total		**$115,700**
Importance Code A		$115,700
Total		**$115,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,100	$23,300		$1,100
Interior Architecture	$11,500	$700		$1,500
Electrical	$400	$300	$300	$300
Mechanical	$900	$800	$7,000	$800
Total	**$21,900**	**$25,000**	**$7,200**	**$3,700**
Importance Code A	$9,100	$23,300		$1,100
Importance Code B	$9,500	$1,700	$7,200	$2,600
Importance Code C	$3,300			
Total	**$21,900**	**$25,000**	**$7,200**	**$3,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX MINISCHOOL

Asset # : 13421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$7,100	
Metal Panel	90%	Now	$9,100	2044	* *	5	$23,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$2,200	
Roof								
Roll Roofing	100%			2023	$115,700	5	$46,700	
Interior								
Floors								
Ceramic Tile	10%			2033	* *	5	$1,400	
Vinyl Tile	90%			2029	* *	3	$6,200	
Interior Walls								
Ceramic Tile	10%	Now	$3,300	2033	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Gypsum Board	90%			LIFE	* *	5	$6,500	
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$13,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$200	
Wiring								
Thermoplastic	100%			2034	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$8,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX MINISCHOOL

Asset # : 13421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2024	$6,200	10	$1,100	
Exit, Service	50%			2024	$1,200	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$8,200	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Heat Pump	100%			2025	$300	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : One In Each Classroom								
Explanation : 10 Units								
Ventilation								
Exhaust Fans								
Roof	20%			2024	$1,500	2	$100	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Classrooms								
Explanation : Ventilation Is Carried Out Through The A C Units								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX MINISCHOOL

Asset # : 13421

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 68 - Q**
Address : **59-09 SAINT FELIX AVENUE @ 60TH ST.**
Borough : **QUEENS**
Agency's Number : **Q068**
Program / Asset # : **BOE0722.000 / 559**
Yr Built/Renovated : **1908 / 1999**
Area Sq Ft : **72,000**
Project Type : **EDUCATION**
Date of Survey : **18-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3579** **Lot** : **1**
BIN : **4437837**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$160,800
Interior Architecture	$305,300	$52,000
Electrical	$694,600	$763,300
Mechanical	$221,800	
Total	**$1,221,700**	**$976,100**
Importance Code A		$160,800
Importance Code B	$1,221,700	$815,300
Total	**$1,221,700**	**$976,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$43,900
Interior Architecture	$14,200	$20,800	$3,500	$13,900
Electrical	$800	$1,300	$1,400	$10,200
Mechanical	$30,900	$19,000	$18,900	$48,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$49,800**	**$45,000**	**$27,700**	**$120,600**
Importance Code A	$5,700	$6,200	$6,200	$50,300
Importance Code B	$44,100	$38,800	$18,000	$70,300
Importance Code C			$3,500	
Total	**$49,800**	**$45,000**	**$27,700**	**$120,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$50,600	
Masonry: Brick	55%			LIFE	* *	5	$71,300	
Masonry: Brick Cavity	30%			LIFE	* *	5	$38,900	
Masonry: Limestone	10%			LIFE	* *	5	$9,700	
Windows								
Aluminum	100%			2041	* *	5	$37,300	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$10,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,600	
Roof								
Built-Up (BUR)	65%			2030	* *	10	$30,100	
Copper/Terne	5%			2053	* *	10	$5,800	
Single Ply Membrane	30%			2030	* *	10	$13,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,200	
Ceramic Tile	5%	Now	$10,700	2034	* *	5	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10% *Location : Boys Toilets Throughout*								
Vinyl Tile	50%			2030	* *	3	$20,800	
Vinyl Tile 9" X 9"	25%			2020	$305,300	3	$13,900	
Wood	10%			2040	* *	5	$20,800	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$6,900	
Gypsum Board	25%			LIFE	* *	5	$20,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$24,800	
Ceilings								
AcousTileSusp.Lay-In	25%			2038	* *	5	$27,700	
Plaster	75%			LIFE	* *	5	$52,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Electrical Room* *Explanation : No Nameplate Rating Available*								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$300	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	30%			2033	* *	5	$600	
Molded Case Bkrs	60%			2024	$80,700	5	$1,100	
Wiring								
Thermoplastic	30%			2035	* *	1		
Thermoplastic	70%			2025	$121,700	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$200	
Locally Mounted	50%			2023	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	20%			2025	$164,500	10	$13,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	78%			2020	$641,700	10	$53,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
HID	2%			2025	$11,800	10		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,900	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$271,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Horns, Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2045	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		
Conversion Equipment								
Furnace	30%	Now	$500	2030	* *	1	$9,900	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : The Unit For Kitchen								
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 7 Roof Top Units								
Steam Boiler	70%			2038	* *	1	$51,300	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$18,100	2035	* *	4	$2,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Convector/Radiator	50%			2030	* *	1	$12,000	
Fan Coil Unit/Heat	20%			2020	$221,800	1	$4,800	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2030	* *	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Units, Old Wing Roof								
Ext Pkg Unit - Heating/Cooling	30%			2030	* *	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 7 Units, New Wing Roof								
Window/Wall Unit	10%			2020	$15,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Roof	100%			2030	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - Q

Asset # : 559

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	$300	2020	$17,200	2	$900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Mixing Valve, Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 3%								
Location : Circulation Pump, Boiler Room								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Unit Is Undergoing Installation								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$11,200	
Sprinkler								
No Component	67%							
Generic	33%			2045	* *	1-2	$6,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 69 - BK**		
Address	**: 6302 9TH AVENUE @ 63RD ST**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K069**
Program / Asset #	**: BOE1022.000 / 13464**	**Yr Built/Renovated**	**: 2002 / 2002**
Area Sq Ft	**: 101,590**	**Project Type**	**: EDUCATION**
Date of Survey	**: 29-Apr-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 5735** **Lot : 32**	**BIN**	**: 3387646**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$76,600	$158,600
Interior Architecture	$299,600	$92,300
Electrical		$92,200
Total	**$376,200**	**$343,200**
Importance Code A	$76,600	$158,600
Importance Code B	$299,600	$184,500
Total	**$376,200**	**$343,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$94,200	$15,500		
Interior Architecture	$133,800		$18,100	$3,900
Electrical	$13,500	$7,800	$11,000	$9,300
Mechanical	$110,200	$52,500	$69,500	$45,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$359,500**	**$83,700**	**$106,600**	**$66,700**
Importance Code A	$104,200	$25,600	$10,100	$10,100
Importance Code B	$189,000	$58,100	$95,700	$56,700
Importance Code C	$66,300		$900	
Total	**$359,500**	**$83,700**	**$106,600**	**$66,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$13,300	
Masonry: Brick	40%			LIFE	* *	5	$37,800	
Metal/Glass Curt Wall	5%	Now	$7,500	LIFE	* *	5	$4,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Curtain Wall Above Entrance Canopy								
Metal Panel	25%			2052	* *	5-10	$81,200	
Pre-Cast Concrete	27%			LIFE	* *	5	$83,000	
Windows								
Aluminum	75%	Now	$25,100	2042	* *	5	$15,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 401, Gymnasium								
Aluminum	20%			2042	* *	5	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grills								
Metal Louvers	5%			2035	* *	10	$12,500	
Parapets								
Glazed Ceramic Panel	3%			2052	* *	5-10	$3,500	
Masonry: Brick	55%			LIFE	* *	5-10	$41,100	
Metal Panel	12%			2052	* *	5	$5,100	
Metal Rail	10%			2043	* *	5-10	$19,800	
Metal Rail	10%			2043	* *	5-10	$19,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,800	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$58,100	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Pitch Pockets, Drains								
Paver: Asphalt	5%			2035	* *	10	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Play Area								
Explanation : Interlocking Rubber Asphalt Tiles								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2025	$100,300	3	$11,800	
Cast in Place Concrete	10%			LIFE	* *	5	$68,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : Dexotex Coated Floors								
Ceramic Tile	5%			2035	* *	5	$7,900	
Glass Block	2%			2054	* *	1		
Vinyl Tile	68%			2031	* *	3	$40,100	
Wood	10%	Now	$207,300	2054	* *	5	$14,700	
Misaligned/Bulging, Extent : Severe, Area Affected : 35%								
Location : Auditorium Stage And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Gymmasium Floor, Stage Floor								
Interior Walls								
Cast in Place Concrete	8%	Now	$29,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Behind Main Electrical Panel								
Ceramic Tile	3%			2039	* *	5	$1,700	
Concrete Masonry Unit	40%	2-4	$10,200	LIFE	* *	5	$9,200	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Boiler Room, Stair B Bulkhead								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stair B Bulkhead								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Block								
Gypsum Board	10%			LIFE	* *	5-10	$9,800	
Metal Panel	3%			LIFE	* *	10	$800	
SGFT/Glazed Masonry	21%			LIFE	* *	10	$6,000	
Wood	5%			LIFE	* *	5	$23,000	
Ceilings								
AcousTileSusp.Lay-In	55%			2039	* *	5	$86,400	
Exposed Concrete	5%			LIFE	* *	5-10	$9,800	
Exposed Struc: Steel	7%			LIFE	* *	10	$22,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	8%	Now	$2,500	LIFE	* *	5	$15,700	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Bulkhead - Stair B								
Metal Panel	25%			LIFE	* *	5	$98,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 5000 Amps Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$31,300	
Generators								
Diesel	100%			2035	* *	1	$39,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Onan Genset, 375 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,800	
Fuel Storage								
Day Tank	10%			2042	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : 40 Gals								
Main Tank	90%			2054	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Explanation : 550 Gals								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$92,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2031	* *	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Mercury								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$3,000	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$7,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$100,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$7,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	90%	0-2	$24,700	2031	* *	1	$50,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Convector/Radiator	10%			2039	* *	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$109,900	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$62,800	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$70,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,700	
Exhaust Fans								
Interior	100%			2031	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$23,600	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$51,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - BK

Asset # : 13464

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$28,500	
Fire Pump								
Generic	100%			2035	* *	1	$19,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 69 - Q**		
Address	: **77-02 37 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q069**
Program / Asset #	: **BOE0724.000 / 544**	**Yr Built/Renovated**	: **1924 / 2005**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1288** **Lot** : **1**	**BIN**	: **4029892**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$625,600	$231,900
Interior Architecture	$58,800	$58,800
Electrical	$88,700	$767,600
Mechanical	$289,600	$503,300
Total	**$1,062,600**	**$1,561,600**
Importance Code A	$625,600	$231,900
Importance Code B	$437,000	$1,329,700
Total	**$1,062,600**	**$1,561,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,200		$27,700	$8,900
Interior Architecture	$35,200		$13,600	$14,500
Electrical	$36,500	$13,100	$9,800	$10,300
Mechanical	$33,400	$53,500	$55,400	$56,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$171,000**	**$76,400**	**$116,300**	**$100,200**
Importance Code A	$65,800	$9,600	$37,400	$18,500
Importance Code B	$105,300	$66,900	$78,800	$81,800
Importance Code C				
Total	**$171,000**	**$76,400**	**$116,300**	**$100,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$70,200	
Masonry: Brick	50%	Now	$542,100	LIFE	* *	5	$89,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Masonry: Brick	40%			LIFE	* *	5	$71,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$29,200	
Windows								
Aluminum	60%			2046	* *	5	$30,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1924 Wing								
Aluminum	35%			2040	* *	5	$17,800	
Glass Block	5%			LIFE	* *	5	$1,600	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$10,300	LIFE	* *	5	$5,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : 1924 Wing Coping								
Masonry: Brick	55%	Now	$83,500	LIFE	* *	5	$7,200	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of 1924 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of 1924 Wing								
Masonry: Brick	35%			LIFE	* *	5	$4,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Roof								
Built-Up (BUR)	40%			2029	* *	10	$20,100	
IRMA/Protected Membrane	15%			2029	* *	10	$7,500	
Metal Panel	20%	Now	$22,700	2037	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Paver: Asphalt	20%			2033	* *	10	$15,100	
Skylight, Plastic	5%	Now	$23,200	2037	* *	1		
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Over Atrium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Atrium								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Ceramic Tile	5%			2027	* *	5	$7,200	
Vinyl Tile	80%			2029	* *	3	$57,900	
Wood	10%			2039	* *	5	$27,100	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,200	
Gypsum Board	10%			LIFE	* *	5	$10,800	
Masonry: Brick	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$27,000	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%	Now	$13,500	2037	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Fifth Floor Corridor Near Elevator								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Corridor Near Elevator								
AcousTileConcealSpLn	65%			2037	* *	5	$117,600	
AcousTileSusp.Lay-In	5%			2037	* *	5	$7,200	
Exposed Struc: Steel	15%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Plaster	10%			LIFE	* *	5	$9,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 4000 Amperes And 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2044	* *	5	$300	
Molded Case Bkrs	20%			2044	* *	5	$500	
Raceway								
Conduit	90%			2044	* *	1		
Conduit	10%			2024	$17,300	1		
Panelboards								
Molded Case Bkrs	90%			2040	* *	5	$2,200	
Molded Case Bkrs	10%			2023	$17,900	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	$25,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Thermoplastic	90%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$28,900	
Generators								
Diesel	100%			2033	* *	1	$36,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,500	
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$88,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$355,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$85,300	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$292,100	1-3	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station, Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$95,800	
Leak Evident, Extent : Moderate, Area Affected : 8%								
Location : #3 Boiler Tube								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers, 2 Heat Exchangers For Hot Water Devices								
Distribution								
Hot Wtr Piping/Pump	50%			2032	* *	4	$2,400	
Steam Piping/Pump	50%			2034	* *	4	$3,600	
Terminal Devices								
Air Handler	50%			2029	* *	1	$29,900	
Convector/Radiator	30%			2029	* *	1	$9,400	
Fan Coil Unit/Heat	20%			2019	$289,600	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2027	* *	1	$94,200	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement A C Room								
Explanation : R123 Being Used								
Reciprocating Compr/Chiller	10%			2029	* *	1	$4,500	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler/Cool/Ht	90%			2029	* *	1	$53,800	
Fan Coil - Cool/Heat	10%			2029	* *	1	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q

Asset # : 544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	100%			2022	$277,500	2	$97,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,900	
Exhaust Fans								
Interior	95%			2029	* *	2	$2,800	
Roof	5%			2029	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,500	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B,1,2,3,4,5								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$48,800	
Sprinkler								
No Component	80%							
Generic	20%			2024	$225,800	1-2	$5,400	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 69 - Q MINISCHOOL**				
Address	: **77-02 37 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q069**
Program / Asset #	: **BOE0724.010 / 4361**			**Yr Built/Renovated**	: **1996 / 2008**
Area Sq Ft	: **8,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1288**	**Lot**	: **1**	**BIN**	: **4029892**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,800			$1,000
Interior Architecture	$7,400			$1,500
Electrical	$200	$300	$7,700	$300
Mechanical	$1,200	$300	$1,800	$300
Total	**$25,600**	**$600**	**$9,500**	**$3,100**
Importance Code A	$17,500		$800	$1,000
Importance Code B	$8,100	$600	$8,800	$2,100
Total	**$25,600**	**$600**	**$9,500**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q MINISCHOOL

Asset # : 4361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Stucco Cement	100%			2041	* *	5	$31,400	
Windows								
Aluminum	100%			2040	* *	5	$1,900	
Roof								
Single Ply Membrane	100%	Now	$16,800	2029	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Interior								
Floors								
Vinyl Tile	100%			2029	* *	3	$6,100	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$11,800	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	30%			2029	* *	1		
Exit, Service	70%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q MINISCHOOL

Asset # : 4361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$7,300	1	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$24,900	1-3	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Radiant Heater	100%			2029	* *	2	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1st Floor								
Explanation : 10 Units								
Terminal Devices								
Fan Coil Unit/Heat	100%			2029	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	$4,400	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 4 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,500	
Exhaust Fans								
Interior	90%			2029	* *	2	$200	
Roof	10%			2029	* *	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2022	$1,300	4	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - Q MINISCHOOL

Asset # : 4361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 69 - SI**
Address : **144 KEATING PLACE @ TRAVIS AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0944.000 / 1420**
Area Sq Ft : **116,000**
Date of Survey : **20-Mar-2014**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2366** **Lot** : **73**
Agency's Number : **R069**
Yr Built/Renovated : **1976 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5037541**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$273,300
Interior Architecture	$52,100	$52,100
Electrical	$219,000	$2,349,900
Mechanical	$35,800	$64,600
Total	**$306,900**	**$2,739,900**
Importance Code A		$315,300
Importance Code B	$306,900	$2,424,600
Total	**$306,900**	**$2,739,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,900			$13,800
Interior Architecture	$73,400	$30,900	$4,100	$1,700
Electrical		$700	$1,200	$19,300
Mechanical	$26,000	$29,500	$41,100	$60,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$109,300**	**$65,100**	**$50,400**	**$99,200**
Importance Code A	$17,400	$11,500	$11,500	$25,600
Importance Code B	$60,600	$53,600	$38,900	$73,600
Importance Code C	$31,300			
Total	**$109,300**	**$65,100**	**$50,400**	**$99,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$49,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	3%			2045	* *	5-10	$11,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	12%			LIFE	* *	5	$22,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2050	* *	5	$21,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	90%			LIFE	* *	5	$89,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Modified Bitumen	95%			2035	* *	10	$134,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roll Roofing	5%			2027	* *	5	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Carpet	2%	0-2	$42,100	2027	* *	3	$5,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$18,000	
Ceramic Tile	5%			2034	* *	5	$8,200	
Quarry Tile	5%			2038	* *	5	$12,400	
Terrazzo	2%			LIFE	* *	5	$2,600	
Vinyl Tile	75%			2030	* *	3	$46,400	
Wood	6%			2053	* *	5	$18,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Folding Partition	5%			2041	* *	5	$21,700	
Gypsum Board	2%			LIFE	* *	5	$2,100	
Metal Panel	10%			LIFE	* *			
Plaster	45%	Now	$31,300	LIFE	* *	5	$23,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Auditorium								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	65%			2038	* *	5	$104,200	
Embossed Metal	5%			LIFE	* *	5	$3,600	
Exposed Concrete	25%			LIFE	* *	5	$6,300	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	70%			2024	$125,600	5	$2,100	
Molded Case Bkrs	20%			2033	* *	5	$600	
Wiring								
Thermoplastic	80%			2025	$238,700	1		
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$1,262,800	10	$104,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$18,500	10	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$78,200	10	$14,000	
Exit, Service	50%			2025	$15,600	1		
Exterior Lighting								
HID	50%			2033	* *	10	$200	
HID	50%			2020	$219,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2035	* *	5	$35,900	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$114,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,700	
Terminal Devices								
Air Handler	30%			2030	* *	1	$21,500	
Convector/Radiator	60%			2038	* *	1	$22,500	
Fan Coil Unit/Heat	10%			2030	* *	1	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$16,100	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Window/Wall Unit	15%			2020	$35,800	1		
No Component	55%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - SI

Asset # : 1420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$2,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	* *	1	$14,400	
Fan Coil - Cool/Heat	10%			2030	* *	1	$3,800	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2030	* *	2	$24,200	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,700	
Exhaust Fans								
Interior	30%			2030	* *	2	$1,100	
Roof	70%			2025	$64,600	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$27,000	2	$1,700	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$11,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$58,500	
Sprinkler								
No Component	80%							
Generic	20%			2045	* *	1-2	$6,500	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 69 - SI
Asset # : 1420

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 7 - BX**
Address : **3201 KINGSBRIDGE AVENUE @ W. 232 ST.**
Borough : **BRONX**
Agency's Number : **X007**
Program / Asset # : **BOE0160.000 / 527**
Yr Built/Renovated : **1929 / 2013**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **28-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5756** **Lot** : **195** **BIN** : **2083564**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$55,300
Interior Architecture		$589,700
Electrical	$133,400	$235,100
Mechanical	$444,500	$533,700
Total	**$578,000**	**$1,413,800**
Importance Code A		$92,300
Importance Code B	$578,000	$1,321,500
Total	**$578,000**	**$1,413,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$13,500
Interior Architecture		$11,700	$32,500	
Electrical	$5,900	$1,100	$31,500	$1,300
Mechanical	$24,100	$12,100	$44,500	$10,300
Total	**$29,900**	**$24,900**	**$108,500**	**$25,100**
Importance Code A	$7,100	$7,100	$7,300	$20,600
Importance Code B	$22,800	$16,200	$101,200	$4,500
Importance Code C		$1,600		
Total	**$29,900**	**$24,900**	**$108,500**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$30,800	
Masonry: Brick	25%			LIFE	* *	5	$19,700	
Masonry: Brick	45%			LIFE	* *	5	$35,500	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 30%								
Location : 1929 Wing								
Masonry: Fieldstone	20%			LIFE	* *	5	$11,800	
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2040	* *	5	$27,000	
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$47,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2033	* *	5	$5,400	
Terrazzo	5%			LIFE	* *	5	$4,200	
Vinyl Tile	55%			2024	$502,600	3	$22,200	
Wood	15%			2039	* *	5	$30,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$3,200	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$18,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$13,300	
AcousTileSusp.Lay-In	20%			2029	* *	5	$21,400	
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Plaster	60%			LIFE	* *	5	$40,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	20%			2034	* *	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$6,700	5	$100	
Molded Case Bkrs	30%			2023	$40,400	5	$600	
Molded Case Bkrs	10%			2032	* *	5	$200	
Molded Case Bkrs	55%			2040	* *	5	$1,000	
Wiring								
Braided Cloth	40%	2-4	$69,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2034	* *	1		
Thermoplastic	50%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2037	* *	5	$400	
Locally Mounted	10%			2022	$7,600	5		
Ground								
Grounding Devices								
Generic	50%	2-4	$4,800	LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Generic	50%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$63,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2019	$5,700	10		
Incandescent	2%			2019	$16,000	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,700	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$63,500	1	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$71,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,300	
Terminal Devices								
Air Handler	20%			2019	$77,400	1	$8,900	
Convector/Radiator	60%			2022	$407,000	1	$13,900	
Fan Coil Unit/Heat	20%			2019	$215,000	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$88,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$12,400	LIFE	* *	2-5	$40,000	
Other Observation, Extent : Moderate, Area Affected : 8%								
Location : Sub Basement								
Explanation : Exhaust Ductwork Is Under Sized For Sub Basement								
Exhaust Fans								
Interior	80%			2019	$63,500	2	$1,800	
Roof	20%			2019	$11,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$42,900	1		
Water Heater								
Gas Fired	100%			2019	$16,700	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BX

Asset # : 527

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Repairs In Progress, Extent : Light, Area Affected : 5%								
Location : Roof To Room 354								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2024	$3,400	1	$2,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : New Wing								
Explanation : In New Wing Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2024	$83,800	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 70 - Q**				
Address	: **30-45 42 STREET BTWN: 30 AVE., NEWTOWN RD.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q070**	
Program / Asset #	: **BOE0723.000 / 666**		**Yr Built/Renovated**	: **1924 / 2014**	
Area Sq Ft	: **76,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **12-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **696**	**Lot** : **14**	**BIN**	: **4442503**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$421,700
Interior Architecture	$419,900	$542,800
Electrical	$1,579,600	$202,700
Mechanical	$138,900	$590,700
Total	**$2,138,400**	**$1,757,900**
Importance Code A		$421,700
Importance Code B	$2,089,000	$1,336,200
Importance Code C	$49,400	
Total	**$2,138,400**	**$1,757,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$33,600			$44,200
Electrical		$300	$700	$17,900
Mechanical	$19,600	$16,200	$21,200	$62,000
Total	**$53,100**	**$16,500**	**$21,900**	**$124,100**
Importance Code A	$7,700	$7,700	$7,700	$7,900
Importance Code B	$36,600	$8,800	$14,200	$116,200
Importance Code C	$8,800			
Total	**$53,100**	**$16,500**	**$21,900**	**$124,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$138,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$41,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Lower Floors								
Explanation : Steel Security Guards Present								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$6,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2025	$186,300	10	$40,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$51,200	
Ceramic Tile	5%	4+	$45,400	2034	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Marble Panels	2%	2-4	$8,500	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	3%	0-2	$16,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Main Entrance								
Traffic Topping	2%			2030	* *	5	$2,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Explanation : Dexotex Like Material								
Vinyl Tile	45%	2-4	$44,800	2025	$447,700	3	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	23%			2040	* *	5	$50,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glass: Single Pane	2%	Now	$8,800	LIFE	* *	5	$2,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	13%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$28,400	
Plaster	5%	2-4	$49,400	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Explanation : Decorative Plaster								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2030	* *	5	$21,900	
Exposed Concrete	25%	Now	$188,200	LIFE	* *	5	$4,600	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Behind Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Behind Boiler Room								
Plaster	60%	Now	$92,100	LIFE	* *	5	$43,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	30%			2033	* *	5	$600	
Molded Case Bkrs	60%			2024	$80,700	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2020	$781,500	10	$64,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$7,200	
T-8 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Egress Lighting								
Emergency, Battery	10%			2025	$10,500	10	$1,900	
Emergency, Battery	40%			2020	$42,200	10	$7,500	
Exit, Service	5%			2025	$1,100	1		
Exit, Service	45%			2020	$9,500	1		
Exterior Lighting								
HID	100%			2020	$287,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$275,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Energy Source								
Explanation : Converting From #2 Fuel Oil To Gas Is In Progress								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$77,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$54,600	2035	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$84,300	1	$9,700	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Fan Room								
Convector/Radiator	80%			2023	$590,700	1	$20,200	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - Q

Asset # : 666

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$16,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,600	
Exhaust Fans								
Interior	100%			2030	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$18,200	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 71 - Q**
Address : **62-85 FOREST AVENUE @ BLEECKER ST.**
Borough : **QUEENS**
Agency's Number : **Q071**
Program / Asset # : **BOE0725.000 / 531**
Yr Built/Renovated : **1906 / 2002**
Area Sq Ft : **82,000**
Project Type : **EDUCATION**
Date of Survey : **18-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3492** **Lot** : **7**
BIN : **4083519**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$55,300	$140,200
Interior Architecture		$540,300
Electrical	$390,000	$617,500
Mechanical	$55,900	$189,400
Total	**$501,300**	**$1,487,500**
Importance Code A	$55,300	$140,200
Importance Code B	$446,000	$1,305,800
Importance Code C		$41,500
Total	**$501,300**	**$1,487,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,900	$4,800		
Interior Architecture		$5,500	$13,400	$23,700
Electrical	$900	$1,200	$1,800	$11,500
Mechanical	$51,700	$12,200	$18,200	$57,000
Total	**$75,500**	**$23,700**	**$33,500**	**$92,100**
Importance Code A	$31,300	$13,200	$8,400	$8,500
Importance Code B	$44,200	$10,600	$21,200	$83,600
Importance Code C			$3,900	
Total	**$75,500**	**$23,700**	**$33,500**	**$92,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$34,600	
Masonry: Brick Cavity	90%			LIFE	* *	5	$132,800	
Masonry: Brick Cavity	5%	Now	$55,300	LIFE	* *	5	$7,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs G,H,B								
Masonry: Limestone	2%			LIFE	* *	5	$2,200	
Windows								
Aluminum	100%			2041	* *	5	$42,500	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$13,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	95%	Now	$22,900	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair B								
Metal Panel	5%			2038	* *	10	$4,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,600	
Ceramic Tile	5%			2034	* *	5	$6,300	
Vinyl Tile	25%			2033	* *	3	$11,800	
Vinyl Tile	40%			2025	$429,400	3	$18,900	
Wood	20%			2040	* *	5	$47,300	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$7,900	
Glass: Single Pane	5%			LIFE	* *	5	$5,900	
Marble Panels	2%			LIFE	* *			
Plaster	88%			LIFE	* *	5	$41,500	
Ceilings								
AcousTileConcealSpLn	2%			2023	$20,400	5	$3,200	
Metal Panel	10%			LIFE	* *	5	$15,800	
Plaster	80%			LIFE	* *	5	$63,100	
Plaster	8%			LIFE	* *	5	$6,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	85%			2024	$152,500	5	$1,800	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	60%	2-4	$153,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$77,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$309,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	0-2	$84,900	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Alarm System; Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$83,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,400	2035	* *	4	$4,200	
Broken, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Explanation : All Traps Have Been Replaced, Live Steam Leaks Still Occur								
Terminal Devices								
Convector/Radiator	85%			2030	* *	1	$23,200	
Fan Coil Unit/Heat	15%			2025	$189,400	1	$4,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$26,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,000	
Exhaust Fans								
Interior	100%	Now	$55,900	2030	* *	2	$2,100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$19,600	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2035	* *	4	$1,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - Q

Asset # : 531

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$29,500	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 72 - BK ANNETTE P. GOLDMAN**
Address : **605 SHEPHERD AVENUE BTWN: BLAKE AVE., DUMONT AVE.**
Borough : **BROOKLYN**
Agency's Number : **K072**
Program / Asset # : **BOE0394.000 / 187**
Yr Built/Renovated : **1975 / 2000**
Area Sq Ft : **124,000**
Project Type : **EDUCATION**
Date of Survey : **11-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4069** **Lot** : **1**
BIN : **3090219**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$442,700	$117,800
Interior Architecture	$53,800	$158,200
Electrical	$449,500	$1,827,000
Mechanical	$553,700	$1,249,300
Total	**$1,499,700**	**$3,352,400**
Importance Code A	$442,700	$159,900
Importance Code B	$1,057,000	$3,192,500
Total	**$1,499,700**	**$3,352,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,900	$16,400		
Interior Architecture		$19,200	$7,100	$7,200
Electrical	$1,400	$2,200	$3,000	$1,900
Mechanical	$83,400	$25,200	$55,100	$64,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$97,600**	**$66,900**	**$69,100**	**$77,200**
Importance Code A	$21,600	$29,100	$12,700	$12,900
Importance Code B	$76,100	$37,800	$52,200	$64,200
Importance Code C			$4,200	
Total	**$97,600**	**$66,900**	**$69,100**	**$77,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BK ANNETTE P. GOLDMAN

Asset # : 187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%	Now	$35,600	LIFE	* *	5	$11,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Windows South Facade, Teachers Cafeteria								
Weepholes Not Funct, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Masonry: Brick	90%			LIFE	* *	5	$106,100	
Windows								
Aluminum	30%	Now	$319,200	2050	* *	5	$3,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : South Facade								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : South Facade, Exit 5 Cafeteria, Rooms 313, 425								
Aluminum	70%			2047	* *	5	$17,800	
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$6,200	
Metal Security Bars	10%			2053	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Stucco Cement	40%			2038	* *	5	$14,300	
Roof								
Built-Up (BUR)	95%	Now	$87,900	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : At Juction Of Lower Roof Over Rooms 123, 125, 225								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 225, 123, 125 Teachers Cafeteria								
Metal Panel	5%			2038	* *	10	$9,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,900	
Ceramic Tile	3%			2034	* *	5	$5,700	
Sheet Vinyl/Rubber	5%			2030	* *	5	$14,400	
Terrazzo	2%			LIFE	* *	5	$3,000	
Vinyl Tile	80%			2030	* *	3	$57,500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$8,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,800	
Folding Partition	5%			2041	* *	5	$21,200	
Metal Panel	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$22,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BK ANNETTE P. GOLDMAN

Asset # : 187

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	45%			2030	* *	5	$107,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Teachers Cafeteria, Rooms 123, 125								
Exposed Concrete	35%			LIFE	* *	5	$10,500	
Fiber Board	5%			2025	$62,500			
Plaster	15%			LIFE	* *	5	$17,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Disconnect Switches - Rated @ 3000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	100%			2025	$208,700	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Molded Case Bkrs	90%			2024	$201,800	5	$2,900	
Wiring								
Thermoplastic	100%			2025	$298,400	1		
Motor Controllers								
Locally Mounted	70%			2023	$80,600	5	$600	
Motor Control Center	30%			2023	$216,700	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$115,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2033	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$15,400	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2025	$468,300	10	$400	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BK ANNETTE P. GOLDMAN

Asset # : 187

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$13,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$449,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$39,600	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$126,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	90%			2033	* *	4	$8,500	
Steam Piping/Pump	10%			2035	* *	4	$600	
Terminal Devices								
Air Handler	25%			2025	$172,500	1	$19,800	
Convector/Radiator	55%			2030	* *	1	$22,700	
Fan Coil Unit/Heat	20%			2020	$383,300	1	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2020	$65,200	1	$8,900	
Reciprocating Compr/Chiller	15%			2030	* *	1	$8,900	
Window/Wall Unit	40%			2020	$105,200	1		
Window/Wall Unit	10%	Now	$26,300	2025	$26,300	1		
Damaged, Extent : Light, Area Affected : 10%								
Location : 1st & 3rd Floors								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2035	* *	4	$1,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2025	$243,100	1	$23,700	
No Component	70%							
Heat Rejection								
Remote Air Cond	100%			2025	$611,600	2	$89,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BK ANNETTE P. GOLDMAN

Asset # : 187

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,400	
Exhaust Fans								
Interior	20%			2025	$28,300	2	$800	
Roof	80%			2025	$81,400	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2025	$39,700	4	$19,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$12,000	1	$7,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$66,900	
Sprinkler								
No Component	95%							
Generic	5%			2025	$74,700	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 72 - M**				
Address	: **131 EAST 104 STREET @LEXINGTON AVENUE**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M072**	
Program / Asset #	: **BOE0044.000 / 1678**		**Yr Built/Renovated**	: **1924 / 2012**	
Area Sq Ft	: **74,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Oct-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1632**	**Lot** : **11**	**BIN**	: **1081340**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$297,600	$237,800
Interior Architecture	$85,100	$451,600
Electrical	$1,025,300	$1,003,100
Mechanical	$121,200	$643,400
Total	**$1,529,200**	**$2,335,800**
Importance Code A	$297,600	$256,300
Importance Code B	$1,231,600	$2,079,500
Total	**$1,529,200**	**$2,335,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$27,700	$20,000
Interior Architecture	$30,600	$8,500	$5,300	$6,400
Electrical	$22,400	$3,300	$20,500	$2,100
Mechanical	$11,700	$12,500	$64,600	$14,400
Total	**$64,700**	**$24,300**	**$118,200**	**$42,800**
Importance Code A	$7,500	$7,500	$35,400	$27,500
Importance Code B	$32,300	$16,700	$82,800	$15,300
Importance Code C	$24,900			
Total	**$64,700**	**$24,300**	**$118,200**	**$42,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$110,500	
Masonry: Brick	10%	Now	$42,700	LIFE	* *	5	$14,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads, Exit 4								
Masonry: Brick	80%	Now	$170,700	LIFE	* *	5	$113,100	
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Spalling, Extent : Light, Area Affected : 15%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Windows								
Aluminum	100%			2040	* *	5	$40,000	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$2,400	
Masonry: Brick	48%			LIFE	* *	5	$5,000	
Masonry: Brick	47%	Now	$84,200	LIFE	* *	5	$4,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Pre-Cast Concrete	2%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	70%			2029	* *	10	$27,700	
Single Ply Membrane	25%			2034	* *	10	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : South Section								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : South Side								
Explanation : Section Of Roof Is Covered With Grass Carpet. A Canvas Stucture Partially Covers Roof								
Skylight, Metal/Glass	5%			2044	* *	10	$6,600	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Over Cafeteria								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,500	
Ceramic Tile	5%			2033	* *	5	$5,700	
Vinyl Tile	5%	Now	$48,400	2034	* *	3	$2,100	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Roof Stair								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Roof Stair								
Vinyl Tile	40%			2024	$387,500	3	$17,100	
Vinyl Tile	40%			2029	* *	3	$22,800	
Wood	5%			2039	* *	5	$10,700	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$7,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,800	
Glass: Single Pane	5%	Now	$21,300	LIFE	* *	5	$5,300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$31,900	
Ceilings								
Exposed Concrete	10%	Now	$36,700	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	90%			LIFE	* *	5	$64,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Switch Rated @ 400 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Fused Toggle Switch	5%	2-4	$6,700	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2032	* *	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,600	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$300	
Locally Mounted	25%			2029	* *	5	$100	
Locally Mounted	5%	2-4	$3,800	2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2024	$169,100	10	$14,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	78%			2019	$659,500	10	$54,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2024	$8,500	10	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
Incandescent	1%			2019	$8,500	2		
Egress Lighting								
Emergency, Battery	25%			2024	$25,700	10	$4,600	
Emergency, Battery	25%			2019	$25,700	10	$4,600	
Exit, Service	25%			2024	$5,100	1		
Exit, Service	25%			2019	$5,100	1		
Exterior Lighting								
HID	100%			2024	$279,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$229,900	1-3	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$75,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - M

Asset # : 1678

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,600	
Terminal Devices								
Air Handler	20%			2019	$82,100	1	$9,400	
Convector/Radiator	80%			2022	$575,200	1	$19,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$39,100	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$17,000	
No Component	60%							
Exhaust Fans								
Interior	40%			2019	$33,700	2	$900	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$68,200	1		
Water Heater								
Gas Fired	100%			2019	$17,700	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2024	$23,600	4	$7,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 73 - BK**
Address : **241 MAC DOUGAL STREET BTWN: ROCKAWAY AVE., MOTHER GAST**
Borough : **BROOKLYN**
Agency's Number : **K073**
Program / Asset # : **BOE0395.000 / 1389**
Yr Built/Renovated : **1889 / 2011**
Area Sq Ft : **75,000**
Project Type : **EDUCATION**
Date of Survey : **26-Nov-2013**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1527** **Lot** : **40** **BIN** : **3345243**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$50,300	$342,000
Interior Architecture	$1,497,400	
Electrical	$1,006,000	$1,159,800
Mechanical	$242,500	$300,900
Total	**$2,796,200**	**$1,802,700**
Importance Code A	$50,300	$382,500
Importance Code B	$2,612,000	$1,420,300
Importance Code C	$133,900	
Total	**$2,796,200**	**$1,802,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,300			$50,400
Interior Architecture		$5,800		$2,900
Electrical	$25,700	$900	$1,300	$54,100
Mechanical	$46,800	$12,200	$19,500	$11,300
Total	**$80,800**	**$18,800**	**$20,800**	**$118,700**
Importance Code A	$16,000	$7,600	$7,600	$58,200
Importance Code B	$64,800	$11,200	$13,200	$60,500
Importance Code C				
Total	**$80,800**	**$18,800**	**$20,800**	**$118,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$110,300	
Masonry: Brownstone	10%			LIFE	* *	5	$9,200	
Windows								
Aluminum	10%	2-4	$8,300	2041	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	90%	2-4	$50,300	2041	* *	5	$164,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$9,400	
Metal Cornice	40%			2040	* *	10	$20,300	
Roof								
Built-Up (BUR)	50%			2030	* *	10	$30,100	
Copper/Terne	45%			2053	* *	10	$67,700	
Slate	5%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,300	
Ceramic Tile	5%	Now	$48,900	2028	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	20%	Now	$64,400	2020	$214,500	3	$8,700	
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Throughout Classrooms, Corridors, Cafeteria - 9x9 Tiles								
Vinyl Tile	40%			2030	* *	3	$17,300	
Wood	25%	Now	$312,000	2028	* *	5	$27,100	
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$52,000	2028	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *			
Plaster	65%	Now	$81,900	LIFE	* *	5	$28,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plywood/Hardboard	2%			LIFE	* *			
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	62%	2-4	$549,900	LIFE	* *	5	$32,200	
Broken/Missing Elements, Extent : Light, Area Affected : 40%								
Location : Throughout								
Exposed Concrete	3%			LIFE	* *	5	$500	
Plaster	35%	Now	$173,800	LIFE	* *	5	$25,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$40,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$160,200	5	$300	
Raceway								
Conduit	95%			2025	$128,500	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Fused Toggle Switch	10%	2-4	$14,700	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Molded Case Bkrs	75%			2024	$110,200	5	$1,500	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$142,500	2050	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$66,000	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	65%			2025	$608,500	10	$46,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	32%			2020	$299,600	10	$22,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
HID	2%			2020	$13,500	10	$100	
Incandescent	1%			2020	$9,400	2		
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$7,400	
Exit, Service	60%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$309,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$5,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$254,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,800	
Terminal Devices								
Air Handler	10%			2020	$45,400	1	$4,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement, The House And Auditorium Air Handling Equipment Is Beyond Useful Life Cycle Rating								
Air Handler	10%			2035	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Level								
Explanation : 2 Cafeteria Heating And Ventilating Units - Equipment Installation Is Still Incomplete And Equipment Not Commissioned								
Convector/Radiator	80%			2038	* *	1	$19,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : All Radiators Have Been Retrofitted With New Danfoss Type Valve And Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$10,400	2020	$103,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,000	
Exhaust Fans								
Interior	100%	Now	$93,200	2035	* *	2	$1,900	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Sub Basement								
Obsolete Equipment, Extent : Severe, Area Affected : 60%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$25,200	2025	$251,700	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Water Heater								
Gas Fired	100%			2024	$19,600	2	$1,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BK

Asset # : 1389

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$49,200	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 75 - BK**
Address : **95 GROVE STREET BTWN: CENTRAL AVE., EVERGREEN AV**
Borough : **BROOKLYN** | **Agency's Number** : **K075**
Program / Asset # : **BOE0396.000 / 1081** | **Yr Built/Renovated** : **1908 / 2006**
Area Sq Ft : **54,000** | **Project Type** : **EDUCATION**
Date of Survey : **08-Oct-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3314** **Lot** : **1** | **BIN** : **3075879**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$968,300	$120,600
Interior Architecture	$1,138,100	$39,000
Electrical		$1,133,000
Mechanical	$45,700	$59,900
Total	**$2,152,100**	**$1,352,500**
Importance Code A	$968,300	$120,600
Importance Code B	$668,800	$1,231,900
Importance Code C	$514,900	
Total	**$2,152,100**	**$1,352,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,500			$9,300
Interior Architecture		$8,300	$2,100	$10,700
Electrical		$700		$1,500
Mechanical	$20,400	$27,200	$19,900	$53,200
Total	**$28,900**	**$36,300**	**$21,900**	**$74,600**
Importance Code A	$14,000	$5,500	$5,500	$14,900
Importance Code B	$14,900	$30,800	$16,400	$59,700
Importance Code C				
Total	**$28,900**	**$36,300**	**$21,900**	**$74,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$79,100	LIFE	* *	5	$38,000	
Staining/Discoloring, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	85%	Now	$747,900	LIFE	* *	5	$82,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney Stack								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Stucco Cement	5%			2030	* *	5	$12,200	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Facade And At Roof								
Windows								
Aluminum	100%			2041	* *	5	$28,000	
Parapets								
Masonry: Brick	90%	Now	$141,300	LIFE	* *	5	$8,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracks In Parge Coating								
Pre-Cast Concrete	10%	Now	$3,200	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$5,300	2030	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 5%								
Location : Around Roof Penetrations								
Insul Deter/Miss, Extent : Moderate, Area Affected : 5%								
Location : Near Roof Penetrations								
Metal Panel	5%			2030	* *	10	$3,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$18,200	
Ceramic Tile	5%			2034	* *	5	$4,200	
Quarry Tile	5%			2038	* *	5	$6,200	
Vinyl Tile	65%	0-2	$459,500	2035	* *	3	$20,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	10%			2030	* *	3	$3,100	
Wood	5%			2040	* *	5	$7,800	
Interior Walls								
Ceramic Tile	5%	Now	$42,900	2034	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stairwells								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Glass: Special Gauge	2%			LIFE	* *	1		
Masonry: Brick	25%	Now	$302,700	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Various First Floor Areas								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Plaster	68%	Now	$169,400	LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$8,300	
Exposed Concrete	15%			LIFE	* *	5	$1,900	
Plaster	75%	Now	$163,700	LIFE	* *	5	$39,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 405, Various Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	25%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	* *	5	$1,400	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	90%			2033	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	10%			2030	* *	5		
Motor Control Center	90%			2030	* *	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	10%			2025	$61,700	10	$5,100	
T-8 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Hallways								
Fluorescent	90%			2025	$555,300	10	$45,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$37,500	10	$6,700	
Exit, Service	50%			2025	$7,500	1		
Exterior Lighting								
HID	100%			2025	$203,900	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$223,700			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$2,700	
Terminal Devices								
Air Handler	20%			2025	$59,900	1	$6,900	
Convector/Radiator	80%			2030	* *	1	$14,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$45,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,000	
Exhaust Fans								
Interior	30%			2025	$18,400	2	$500	
Roof	70%			2030	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2018	$12,900	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$3,300	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$29,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK

Asset # : 1081

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2035	* *	1-2	$2,300	
Fire Pump								
Generic	100%			2028	* *	1	$10,400	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 75 - BK MINISCHOOL**
Address : **95 GROVE STREET BTWN: CENTRAL AVE., EVERGREEN AV**
Borough : **BROOKLYN** | **Agency's Number** : **K875**
Program / Asset # : **BOE0396.010 / 1390** | **Yr Built/Renovated** : **1971 /**
Area Sq Ft : **9,120** | **Project Type** : **EDUCATION**
Date of Survey : **08-Oct-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3314** **Lot** : **1** | **BIN** : **3075879**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,800	
Interior Architecture		$112,100
Electrical		$242,800
Mechanical		$119,500
Total	**$45,800**	**$474,400**
Importance Code A	$45,800	
Importance Code B		$474,400
Total	**$45,800**	**$474,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100			
Interior Architecture	$35,600		$700	$1,600
Electrical		$100		$35,600
Mechanical	$4,300	$500	$1,300	$500
Total	**$73,100**	**$600**	**$2,000**	**$37,700**
Importance Code A	$33,500	$500	$500	$500
Importance Code B	$20,400	$100	$1,200	$37,200
Importance Code C	$19,200		$300	
Total	**$73,100**	**$600**	**$2,000**	**$37,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK MINISCHOOL

Asset # : 1390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$20,600	2035	* *	5	$26,800	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$45,800	2033	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Metal, Corrugated	100%	2-4	$12,500	2030	* *	1		
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$700	
Vinyl Tile	95%	0-2	$5,600	2025	$112,100	3	$4,900	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Classrooms								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$600	
Concrete Masonry Unit	30%	2-4	$8,200	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%	0-2	$11,000	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$10,900	2030	* *	5	$6,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Corridor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK MINISCHOOL

Asset # : 1390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2025	$600	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 200 Amps Main Disconnect Switch For Power								
Fused Disc Sw	25%			2025	$600	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : One 200 Amps Main Disconnect Switch For Lighting								
Fused Disc Sw	50%			2025	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mechanical Room								
Explanation : Two 200 Amps Main Disconnect Switch For Heating And Cooling								
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$1,100	5		
Molded Case Bkrs	95%			2033	* *	5		$200
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5		$100
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$100
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$103,000	10		$8,500
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10		$1,100
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$34,400	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2025	$94,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BK MINISCHOOL

Asset # : 1390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2025	$11,300	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	Now	$2,400	2023	$119,500	2	$500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Drip Pan Of #2 Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,200	
Exhaust Fans								
Interior	100%			2025	$10,300	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%	0-2	$1,400	2025	$1,400	4	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Water Heater Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 75 - M**
Address : **735 WEST END AVENUE BTWN: WEST 95 ST., WEST 96 ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M075**
Program / Asset # : **BOE0045.000 / 1679** | **Yr Built/Renovated** : **1950 / 2009**
Area Sq Ft : **92,000** | **Project Type** : **EDUCATION**
Date of Survey : **24-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1253** **Lot** : **65** | **BIN** : **1034190**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$210,800	$179,400
Interior Architecture	$888,900	$52,600
Electrical	$1,498,100	$401,000
Mechanical	$478,000	$836,600
Total	**$3,075,800**	**$1,469,700**
Importance Code A	$302,700	$638,900
Importance Code B	$2,600,100	$830,800
Importance Code C	$173,000	
Total	**$3,075,800**	**$1,469,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$4,800
Interior Architecture	$70,900	$12,400		$16,300
Electrical	$8,900	$1,300	$1,900	$1,300
Mechanical	$99,400	$13,100	$23,700	$57,200
Total	**$179,300**	**$26,800**	**$25,600**	**$79,600**
Importance Code A		$9,300	$9,300	$14,200
Importance Code B	$132,100	$17,400	$16,300	$65,500
Importance Code C	$47,200			
Total	**$179,300**	**$26,800**	**$25,600**	**$79,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$81,600	
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Metal Panel	3%			2045	* *	5-10	$17,700	
Windows								
Aluminum	95%	Now	$127,300	2041	* *	5	$15,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Steel	5%	Now	$83,500	2050	* *	5	$10,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$14,500	
Masonry: Limestone	20%			LIFE	* *	5	$4,600	
Roof								
Built-Up (BUR)	98%			2033	* *	10	$97,800	
Metal Panel	2%			2042	* *	10	$3,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,400	
Ceramic Tile	5%			2028	* *	5	$7,100	
Quarry Tile	5%			2038	* *	5	$10,600	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	55%	Now	$660,600	2035	* *	3	$29,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	20%			2030	* *	3	$10,600	
Wood	5%			2060	* *	5	$13,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%	Now	$35,300	2028	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$15,800	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	2%			LIFE	* *	5	$1,700	
Plaster	55%	0-2	$31,400	LIFE	* *	5	$23,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$137,700	LIFE	* *			
Horizontal Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout Hallways								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Explanation : Vertical Cracks At Corners Of Piers								
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	$5,700	2030	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	Now	$18,100	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Fiber Board	10%			2030	* *			
Plaster	60%	Now	$55,300	LIFE	* *	5	$52,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1600 Amps Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2051	* *	1		
Panelboards								
Molded Case Bkrs	70%			2024	$125,600	5	$1,700	
Molded Case Bkrs	30%			2047	* *	5	$700	
Wiring								
Braided Cloth	95%	2-4	$242,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$600	
Locally Mounted	10%	2-4	$7,600	2045	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2020	$838,600	10	$69,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	18%			2033	* *	10	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	2%			2033	* *	10	$100	
Egress Lighting								
Exit, Service	50%			2025	$12,700	1		
Exit, Battery	50%			2025	$43,400	10	$3,200	
Exterior Lighting								
HID	100%			2020	$347,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$10,300	
Fire/Smoke Detection								
No Component	70%							
Under Construction	30%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$232,400	5	$29,200	
Conversion Equipment								
Steam Boiler	100%	2-4	$91,900	2023	$459,400	1	$84,100	
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,700	
Terminal Devices								
Air Handler	10%			2025	$50,900	1	$5,800	
Convector/Radiator	90%	Now	$160,500	2030	* *	1	$24,700	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%	0-2	$60,800	2030	* *	2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Computer Lab								
Explanation : Split System								
Window/Wall Unit	85%	2-4	$16,500	2020	$164,900	1		
Broken, Extent : Light, Area Affected : 20%								
Location : Throughout								
No Component	10%							
Heat Rejection								
Air Condenser Unit	5%			2025	$8,500	2	$3,300	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,600	
Exhaust Fans								
Interior	90%			2025	$93,900	2	$2,600	
Roof	10%			2020	$7,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$28,200	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2020	$22,000	2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - M

Asset # : 1679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	0-2	$5,900	2025	$29,300	4	$9,300	
Broken, Extent : Light, Area Affected : 20%								
Location : Throughout								
Sanitary Piping								
Cast Iron	95%	0-2	$19,500	LIFE	* *	1		
Broken, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Iron	5%			LIFE	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	0-2	$26,400	LIFE	* *	1		
Broken, Extent : Light, Area Affected : 20%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%	0-2	$1,100	2025	$11,100	4	$1,600	
Broken, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 75 - Q (R PERRY SCHOOL)**
Address : **16-66 HANCOCK STREET @ CYPRESS AVE.**
Borough : **QUEENS**
Agency's Number : **Q075**
Program / Asset # : **BOE0729.000 / 533**
Yr Built/Renovated : **1974 / 2001**
Area Sq Ft : **59,000**
Project Type : **EDUCATION**
Date of Survey : **18-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3549** **Lot** : **44**
BIN : **4085584**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$425,800	$45,400
Interior Architecture	$173,200	$602,000
Electrical	$899,900	$598,400
Mechanical	$528,600	$1,035,300
Total	**$2,027,400**	**$2,281,100**
Importance Code A	$722,300	$45,400
Importance Code B	$1,240,500	$2,235,700
Importance Code C	$64,700	
Total	**$2,027,400**	**$2,281,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$55,700	$5,500		
Interior Architecture		$12,000	$3,400	$22,200
Electrical	$14,300	$800	$1,400	$7,900
Mechanical	$7,800	$9,800	$14,400	$40,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$81,700**	**$32,100**	**$23,100**	**$74,300**
Importance Code A	$55,700	$11,500	$6,000	$6,200
Importance Code B	$26,000	$20,600	$15,100	$68,100
Importance Code C			$2,000	
Total	**$81,700**	**$32,100**	**$23,100**	**$74,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	Now	$340,400	LIFE	* *	5	$45,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Third Floor Classrooms								
Pre-Cast Concrete	10%			LIFE	* *	5	$16,400	
Windows								
Aluminum	90%	Now	$85,400	2041	* *	5	$5,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Heads Throughout, Room 319								
Glass Block	5%			LIFE	* *	5	$400	
Steel	5%	Now	$29,600	2050	* *	5	$3,500	1
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Basement								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$7,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,200	
Roof								
Built-Up (BUR)	95%	Now	$26,100	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Low Roof Over Locker Rooms								
Metal Panel	5%			2038	* *	10	$5,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,900	
Ceramic Tile	3%			2034	* *	5	$2,700	
Quarry Tile	5%			2038	* *	5	$6,800	
Terrazzo	2%			LIFE	* *	5	$1,400	
Vinyl Tile	70%	Now	$108,500	2025	$542,500	3	$23,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms								
Wood	10%			2053	* *	5	$17,100	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$4,000	
Concrete Masonry Unit	12%			LIFE	* *	5	$3,900	
Folding Partition	8%			2041	* *	5	$16,100	
Plaster	50%	Now	$64,700	LIFE	* *	5	$12,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Windows, Rooms 101, 108 And 112, Third Floor								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$28,500	
Exposed Concrete	50%			LIFE	* *	5	$7,100	
Fiber Board	10%			2025	$59,500			
Plaster	15%			LIFE	* *	5	$8,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2035	* *	1		
Panelboards								
Fused Disc Sw	15%			2024	$15,700	5	$200	
Molded Case Bkrs	80%			2024	$83,700	5	$1,200	
Molded Case Bkrs	5%			2033	* *	5	$100	
Wiring								
Thermoplastic	95%			2025	$165,200	1		
Thermoplastic	5%			2035	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$31,700	5	$300	
Locally Mounted	30%	2-4	$13,600	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	6%			2030	* *	10	$3,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Fluorescent	92%			2020	$622,300	10	$51,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2030	* *	10		
Incandescent	1%			2020	$6,800	2		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 75 - Q (R PERRY SCHOOL)
Asset # : 533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$7,300	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$222,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$53,600	1	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$150,000	5	$18,900	
Conversion Equipment								
Steam Boiler	100%	0-2	$296,400	2045	* *	1	$54,300	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$42,500	2025	$425,200	4	$3,000	
Broken, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Thermostats, Various Locations								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$65,700	1	$7,500	
Convector/Radiator	80%			2023	$460,200	1	$15,700	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - Q (R PERRY SCHOOL)

Asset # : 533

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$87,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$34,000	
Exhaust Fans								
Interior	25%			2025	$16,800	2	$500	
Roof	75%			2020	$36,300	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : New Installation In Progress								
HW Heat Exchanger								
Low Temp	100%			2025	$18,900	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$31,800	
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$900	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 76 - M**
Address : **220 WEST 121 STREET @ ADAM CLAYTON POWELL BLVD.**
Borough : **MANHATTAN** **Agency's Number** : **M076**
Program / Asset # : **BOE0046.000 / 1680** **Yr Built/Renovated** : **1965 / 2011**
Area Sq Ft : **88,000** **Project Type** : **EDUCATION**
Date of Survey : **26-Oct-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1926** **Lot** : **17** **BIN** : **1058470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$773,500	$590,000
Interior Architecture	$759,400	$397,700
Electrical	$498,400	$1,096,700
Mechanical	$57,800	$185,500
Total	**$2,089,100**	**$2,269,900**
Importance Code A	$773,500	$627,000
Importance Code B	$1,315,600	$1,642,900
Total	**$2,089,100**	**$2,269,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$11,200	
Interior Architecture	$1,800	$5,100	$17,000	
Electrical	$2,800	$2,900	$32,800	$2,700
Mechanical	$16,600	$15,700	$20,400	$12,600
Total	**$21,200**	**$23,700**	**$81,400**	**$15,300**
Importance Code A	$9,000	$9,000	$20,400	$9,000
Importance Code B	$10,400	$14,700	$61,000	$6,300
Importance Code C	$1,800			
Total	**$21,200**	**$23,700**	**$81,400**	**$15,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	2-4	$45,400	LIFE	* *	5	$75,200	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Playground Side								
Windows								
Aluminum	95%	Now	$672,500	2049	* *	5	$8,000	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$500	
Parapets								
Metal: Cage/Fence	100%			2029	* *	5-10	$95,300	
Roof								
Built-Up (BUR)	95%			2024	$390,000	10	$85,100	
Copper/Terne	5%			2039	* *	10	$11,200	
Interior								
Floors								
Ceramic Tile	5%	Now	$65,900	2037	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Bathrooms On All Floors								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Throughout Bathrooms On All Floors								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	30%			2024	$346,800	3	$15,300	
Vinyl Tile	60%			2019	$693,500	3	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Classroom								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Bathrooms On All Floors								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout Bathrooms On All Floors								
Concrete Masonry Unit	12%			LIFE	* *	5	$5,800	
Plaster	50%			LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Room 219								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Room 219								
SGFT/Glazed Masonry	35%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$13,600	
Exposed Concrete	25%			LIFE	* *	5	$5,300	
Metal Panel	5%			LIFE	* *	5	$8,500	
Plaster	60%			LIFE	* *	5	$50,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$119,700	5	$300	
Fused Disc Sw	30%			2050	* *	5	$100	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	75%			2023	$134,500	5	$1,700	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$166,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$51,100	1		
Thermoplastic	15%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$37,800	5	$300	
Locally Mounted	50%			2041	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2024	$605,300	10	$50,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	35%			2032	* *	10	$29,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor & Basement								
HID	2%			2024	$14,500	10	$100	
Incandescent	3%			2019	$30,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$61,300	10	$11,000	
Exit, Service	50%			2024	$12,300	1		
Exterior Lighting								
HID	100%			2019	$332,400	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$22,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$90,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Fired Steam Boilers								
Distribution								
Steam Piping/Pump	25%			2050	* *	4	$1,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement, New Boiler Room Steam And Condensate Piping, New Condensate Pumping System								
Steam Piping/Pump	75%			2034	* *	4	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	5%			2032	* *	1	$2,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Fan Room, Newly Installed Steam Traps And Temperature Control System								
Air Handler	15%			2024	$73,500	1	$8,400	
Convector/Radiator	20%			2041	* *	1	$5,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout, Newly Installed Steam Traps And Temperature Control System								
Convector/Radiator	60%			2029	* *	1	$17,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2022	$112,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	20%			2029	* *	2	$600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Fan Room, Newly Upgraded Exhaust Fan Drive Systems								
Roof	80%	0-2	$2,900	2019	$57,800	2	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof, 3 Of 15 Exhaust Fans With Multiple Mechanical Or Electrical Defects								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Roof, Exhaust Fans Are At Or Approaching Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,100	2	$1,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Compressed Air	100%			2034	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - M

Asset # : 1680

Mechanical	Current Repair			Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
No Component	95%								
Generic	5%			2034	* *		1-2	$1,300	
No Backflow Preventer, Extent : Light, Area Affected : 100%									
Location : Basement									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 76 - Q**		
Address	: **36-36 10 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q076**
Program / Asset #	: **BOE0730.000 / 534**	**Yr Built/Renovated**	: **1966 / 2010**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **354** **Lot** : **1**	**BIN**	: **4004331**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,700	$189,900
Interior Architecture	$88,900	$889,100
Electrical	$986,000	$1,637,100
Mechanical	$313,800	$43,400
Total	**$1,427,400**	**$2,759,500**
Importance Code A	$38,700	$226,900
Importance Code B	$1,388,700	$2,532,600
Total	**$1,427,400**	**$2,759,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,100		$13,100
Interior Architecture	$41,600	$12,400	$5,400	$33,000
Electrical		$300	$1,100	$61,600
Mechanical	$57,700	$17,900	$25,800	$22,300
Total	**$99,300**	**$37,700**	**$32,400**	**$130,000**
Importance Code A	$9,700	$16,800	$9,700	$23,000
Importance Code B	$63,500	$20,900	$19,400	$107,000
Importance Code C	$26,000		$3,200	
Total	**$99,300**	**$37,700**	**$32,400**	**$130,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$85,800	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$2,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2045	* *	5-10	$12,400	
Windows								
Aluminum	100%			2050	* *	5	$19,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$8,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Security Bars	15%			2040	* *			
Roof								
Built-Up (BUR)	50%			2030	* *	10	$38,700	
Copper/Terne	5%			2053	* *	10	$9,700	
Metal Panel	5%			2038	* *	10	$7,100	
Single Ply Membrane	40%			2025	$104,200	10	$31,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	3%			2034	* *	5	$4,400	
Quarry Tile	5%			2038	* *	5	$11,000	
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile	25%	4+	$15,600	2030	* *	3	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	55%	2-4	$88,900	2025	$889,100	3	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2053	* *	5	$13,800	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$6,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$7,800	
Glass: Single Pane	5%			LIFE	* *	5	$4,900	
Plaster	50%	2-4	$26,000	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$36,700	
Exposed Concrete	53%			LIFE	* *	5	$12,100	
Fiber Board	7%			2030	* *			
Plaster	15%			LIFE	* *	5	$13,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	80%			2024	$143,500	5	$2,000	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	20%			2038	* *	5	$100	
Locally Mounted	80%			2023	$60,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$980,200	10	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2030	* *	10	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler & Room 204								
Explanation : T-8 Lamps								
HID	2%			2025	$15,700	10	$100	
Incandescent	3%			2020	$32,700	2	$100	
Egress Lighting								
Emergency, Battery	10%			2030	* *	10	$2,400	
Emergency, Battery	40%			2020	$52,900	10	$9,500	
Exit, Service	5%			2030	* *	1		
Exit, Service	45%			2020	$11,900	1		
Exterior Lighting								
HID	100%			2020	$358,800	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$344,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 7,500 Gallon Tanks - One Currently In Use, The Other Has Been Abondoned In Place								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$97,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) #2 Oil Steam Boilers. The Units Appear To Be Retrofited With Oil And Gas Burners And Burner Control Panels								
Distribution								
Steam Piping/Pump	100%	Now	$34,200	2035	* *	4	$4,800	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Throughout, Defective Steam Traps & Thermostats								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2020	$105,700	1	$12,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Air Handling Equipment Beyond Useful Life Cycle Rating								
Convector/Radiator	80%			2030	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$161,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	40%			2025	$43,400	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Exhaust Fans Beyond Useful Life Cycle Rating.								
Roof	60%			2020	$46,800	2	$1,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof Top Exhaust Fans Beyond Useful Life Cycle Rating								
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Roof, Repairs In Progress On 3 Rooftop Exhaust Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,800	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 120 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2030	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Back Flow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - Q

Asset # : 534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 77 - BK**				
Address	: **62 PARK PLACE BTWN 5TH AVE - 6TH AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K902**	
Program / Asset #	: **BOE0969.000 / 4481**		**Yr Built/Renovated**	: **1897 / 1998**	
Area Sq Ft	: **77,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **02-Oct-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **941**	**Lot** : **50**	**BIN**	: **3259250**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,767,900	$117,800
Interior Architecture	$805,400	$70,400
Electrical		$399,500
Mechanical	$164,300	$1,012,800
Total	**$2,737,500**	**$1,600,500**
Importance Code A	$1,837,300	$117,800
Importance Code B	$698,900	$1,482,700
Importance Code C	$201,300	
Total	**$2,737,500**	**$1,600,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$72,100			
Interior Architecture	$52,900		$4,400	$4,400
Electrical	$2,400	$600	$700	$900
Mechanical	$93,800	$20,800	$35,600	$17,800
Total	**$221,300**	**$21,300**	**$40,800**	**$23,100**
Importance Code A	$73,700	$6,300	$6,300	$6,300
Importance Code B	$137,300	$15,100	$34,500	$13,100
Importance Code C	$10,300			$3,700
Total	**$221,300**	**$21,300**	**$40,800**	**$23,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$1,066,500	LIFE	* *	5	$117,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 45%								
Location : Throughout Courtyard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Courtyard Side At Bulkhead And At 4th Fl. Window								
Painted Surfaces, Extent : Moderate, Area Affected : 10%								
Location : Lower Sections								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brownstone	5%	0-2	$65,700	LIFE	* *	5	$5,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	0-2	$82,000	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	5%	0-2	$20,100	2039	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	40%			2042	* *	5	$16,000	
Aluminum	55%	0-2	$317,400	2042	* *	5	$11,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Stained Glass								
Wood	5%	0-2	$22,500	2034	* *	5	$10,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	0-2	$126,800	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brownstone	10%	2-4	$12,600	LIFE	* *	5	$3,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$2,300	LIFE	* *	5	$4,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%	Now	$6,600	2041	* *			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Modified Bitumen	95%	Now	$109,400	2031	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : At Courtyard								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 404, 406								
Interior								
Floors								
Ceramic Tile	5%	2-4	$11,500	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Mosaic Tile	3%			2031	* *	5	$8,900	
Sheet Vinyl/Rubber	7%	2-4	$24,600	2031	* *	5	$6,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	20%	0-2	$110,200	LIFE	* *	5	$18,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	30%			2031	* *	3	$13,300	
Vinyl Tile	5%	Now	$50,400	2036	* *	3	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Vacant Section								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Vacant Section								
Wood	30%			2041	* *	5	$66,700	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,400	
Masonry: Brick	10%			LIFE	* *	10	$4,400	
Marble Panels	10%			LIFE	* *	10	$5,900	
Plaster	55%	Now	$130,300	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stair(s), Bulkheads, Corridors, Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Throughout Stair(s), Classrooms, Corridors								
Plaster	20%	Now	$71,100	LIFE	* *	5	$8,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Vacant Section								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Vacant Section								

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	5%			LIFE	* *	5-10	$7,400	
Plaster	75%	Now	$350,100	LIFE	* *	5	$55,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stair(s), Classrooms, Corridors								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Stair(s), Classrooms, Corridors								
Plaster	20%	Now	$93,400	LIFE	* *	5	$14,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Vacant Section								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Vacant Section								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2046	* *	5	$300	
Fused Disc Sw	20%			2026	$29,300	5	$100	
Raceway								
Conduit	70%			2046	* *	1		
Conduit	30%			2026	$37,200	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	60%			2042	* *	5	$1,200	
Molded Case Bkrs	30%			2025	$40,400	5	$600	
Wiring								
Thermoplastic	70%			2046	* *	1		
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$300	
Locally Mounted	50%			2031	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$69,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2026	$17,600	10	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl Lamps								
HID	3%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	25%			2026	$26,700	10	$4,800	
Exit, Service	50%			2021	$10,700	1		
Exit, Service	25%			2026	$5,300	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$46,600	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$159,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights, Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 5000 Gallon Tank Using #2 Oil								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	40%			2031	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 33%								
Location : Basement								
Explanation : 1 Hot Water Boiler								
Steam Boiler	60%	Now	$69,400	2031	* *	1	$42,400	
Other Observation, Extent : Light, Area Affected : 66%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	40%	Now	$3,200	2034	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Boiler Room (2 Of 3 Defective Vacuum Pumps)								
Steam Piping/Pump	60%	Now	$16,600	2036	* *	4	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room - 3 Of 3 Boiler Steam Traps, Defective Climate Control System								
Terminal Devices								
Air Handler	15%			2026	$64,100	1	$7,400	
Convector/Radiator	5%			2039	* *	1	$1,300	
Fan Coil Unit/Heat	80%	Now	$94,900	2026	$948,700	1	$18,400	
Broken, Extent : Severe, Area Affected : 20%								
Location : Classrooms - Multiple Mechanical Defects								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	0-2	$13,400	2031	* *	1	$33,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof - Unreliable Chiller Operation								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	70%			2046	* *	4	$4,100	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$49,000	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$55,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,900	
Exhaust Fans								
Interior	100%			2031	* *	2	$2,400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 77 - BK

Asset # : 4481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$4,700	2031	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement M E R - Defective Domestic Hot Water Circulating Pump								
Water Heater								
Gas Fired	100%			2025	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,100	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 100%								
Location : Piping From Leaders To Basement Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 79 - M (MULT HANDICAP)**
Address : **55 EAST 120 STREET BTWN: PARK AVE., MADISON AVE.**
Borough : **MANHATTAN**
Agency's Number : **M079**
Program / Asset # : **BOE0047.000 / 1681**
Yr Built/Renovated : **1963 / 2001**
Area Sq Ft : **88,000**
Project Type : **EDUCATION**
Date of Survey : **19-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1747** **Lot** : **1**
BIN : **1053968**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,102,400	$841,400
Interior Architecture	$96,600	$44,600
Electrical	$224,100	$1,718,300
Mechanical	$88,400	$590,800
Total	**$1,511,500**	**$3,195,100**
Importance Code A	$1,190,800	$878,400
Importance Code B	$320,700	$2,316,700
Total	**$1,511,500**	**$3,195,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$500			
Interior Architecture	$94,800		$45,000	$6,400
Electrical	$13,500		$300	$200
Mechanical	$33,500	$20,200	$20,000	$16,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$146,400**	**$24,100**	**$69,300**	**$26,800**
Importance Code A	$500	$9,000	$9,000	$9,000
Importance Code B	$86,000	$15,100	$60,300	$14,800
Importance Code C	$59,800			$3,000
Total	**$146,400**	**$24,100**	**$69,300**	**$26,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - M (MULT HANDICAP)

Asset # : 1681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$227,000	LIFE	* *	5	$75,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Southeast Corner								
Windows								
Aluminum	95%	0-2	$672,500	2051	* *	5	$8,000	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : West Facade, East Facade								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : West Facade, East Facade								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,100	
Parapets								
Metal Rail	100%			2039	* *	5-10	$222,400	
Roof								
Copper/Terne	5%			2041	* *	10	$11,200	
IRMA/Protected Membrane	95%	Now	$67,900	2026	$678,800			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
Location : Over Gym								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gym								
Interior								
Floors								
Cast in Place Concrete	15%	Now	$21,200	LIFE	* *	5	$44,600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Ground Water Penetration								
Ceramic Tile	5%			2035	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$10,600	
Vinyl Tile	65%			2031	* *	3	$33,100	
Wood	10%			2054	* *	5	$25,500	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$6,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$14,400	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,400	
Marble Panels	5%			LIFE	* *	10	$2,400	
Plaster	45%			LIFE	* *	5-10	$46,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,000	
Ceilings								
AcousTileConcealSpLn	25%			2039	* *	5	$42,400	
Exposed Concrete	65%			LIFE	* *	5-10	$110,400	
Fiber Board	5%			2031	* *			
Metal Panel	5%			LIFE	* *	5	$17,000	

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DEPARTMENT OF EDUCATION - 040
P. S. 79 - M (MULT HANDICAP)
Asset # : 1681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$119,700	5	$300	
Fused Disc Sw	30%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2042	* *	5	$1,900	
Wiring								
Braided Cloth	60%	2-4	$153,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2026	$76,700	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$500	
Locally Mounted	20%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	85%			2021	$857,500	10	$70,800	
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2031	* *	10	$8,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : T-8 Lamps								
HID	3%			2021	$21,700	10	$100	
Incandescent	2%			2021	$20,200	2		
Egress Lighting								
Emergency, Battery	50%			2021	$61,300	10	$11,000	
Exit, Service	50%			2021	$12,300	1		
Exterior Lighting								
HID	100%			2021	$332,400	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - M (MULT HANDICAP)

Asset # : 1681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$28,100	
Conversion Equipment								
Steam Boiler	100%	0-2	$88,400	2039	* *	1	$81,000	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : One Boiler Needs Retubing								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2- Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,500	
Terminal Devices								
Air Handler	20%			2026	$97,900	1	$11,200	
Convector/Radiator	80%			2031	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$149,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,200	
Exhaust Fans								
Roof	100%			2026	$72,200	2	$2,800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$271,300	1		
HW Heat Exchanger								
Low Temp	100%			2026	$28,200	4	$13,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 79 - M (MULT HANDICAP)

Asset # : 1681

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Duplex Units								
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1 To 3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2036	* *	1-2	$7,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 79 - Q**		
Address	**: 15-28 149 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q079**
Program / Asset #	**: BOE0731.000 / 535**	**Yr Built/Renovated**	**: 1935 / 2014**
Area Sq Ft	**: 99,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 17-Jan-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4647** **Lot : 1**	**BIN**	**: 4105232**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$93,900	$116,500
Interior Architecture	$622,200	$92,200
Electrical	$397,500	$1,932,100
Mechanical	$120,300	$375,400
Total	**$1,233,800**	**$2,516,300**
Importance Code A	$93,900	$116,500
Importance Code B	$1,139,900	$2,399,800
Total	**$1,233,800**	**$2,516,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,200
Interior Architecture	$5,700	$19,100	$2,300	$5,700
Electrical	$1,200	$1,400	$2,300	$1,500
Mechanical	$18,000	$21,000	$30,600	$62,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$28,900**	**$45,400**	**$39,200**	**$85,200**
Importance Code A	$10,100	$10,100	$10,100	$21,300
Importance Code B	$18,800	$25,700	$26,800	$63,900
Importance Code C		$9,600	$2,300	
Total	**$28,900**	**$45,400**	**$39,200**	**$85,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,100	
Copper/Terne	3%			2060	* *	10	$6,500	
Masonry: Brick	47%			LIFE	* *	5	$43,400	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1935 Wing								
Masonry: Brick Cavity	40%			LIFE	* *	5	$37,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1975 Wing								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	60%			2041	* *	5	$20,600	
Under Construction	40%							
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,600	
Copper/Terne	10%			2045	* *	5	$9,400	
Masonry: Brick	40%			LIFE	* *	5	$7,800	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick Cavity	40%			LIFE	* *	5	$7,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Roof								
Copper/Terne	5%			2053	* *	10	$13,400	
Modified Bitumen	75%	Now	$93,900	2030	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor								
Slate	20%			LIFE	* *			
Interior								
Floors								
Ceramic Tile	3%			2028	* *	5	$4,600	
Terrazzo	4%			LIFE	* *	5	$4,800	
Vinyl Tile	38%			2030	* *	3	$21,700	
Vinyl Tile 9" X 9"	30%			2020	$502,300	3	$22,800	
Wood	25%			2040	* *	5	$71,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$4,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,100	
Folding Partition	5%			2033	* *	5	$19,100	
Glass: Single Pane	5%			LIFE	* *	5	$5,700	
Gypsum Board	10%			LIFE	* *	5	$9,200	
Metal Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$18,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$84,200	2038	* *	5	$22,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridor Near Room 306								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Room 306, Library								
Exposed Concrete	10%			LIFE	* *	5	$2,400	
Plaster	60%			LIFE	* *	5	$56,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Entrance To Gymnasium, Exit 6, 2/8								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$85,500	5	$200	
Fused Disc Sw	50%			2051	* *	5	$200	
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	80%			2024	$143,500	5	$2,100	
Molded Case Bkrs	5%			2047	* *	5	$100	
Wiring								
Thermoplastic	95%			2025	$242,700	1		
Thermoplastic	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2030	* *	5	$500	
Motor Control Center	20%			2023	$58,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$1,105,500	10	$91,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2025	$8,100	10		
Incandescent	1%			2025	$11,300	2		
Egress Lighting								
Emergency, Battery	30%			2025	$41,100	10	$7,400	
Exit, Service	70%			2025	$19,200	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$89,900	1	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$307,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Fire Alarm System Is Old And Functional. Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$31,500	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$100,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$35,500	2035	* *	4	$5,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : F & T Traps Also								
Terminal Devices								
Air Handler	20%			2025	$109,500	1	$12,600	
Convector/Radiator	70%			2030	* *	1	$23,000	
Fan Coil Unit/Heat	10%			2025	$152,100	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2025	$68,900	1	$9,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	10%			2020	$20,900	1		
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2035	* *	4	$1,000	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2025	$25,900	1	$12,600	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2020	$36,400	2	$14,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,600	
Exhaust Fans								
Interior	40%			2025	$44,900	2	$1,200	
Roof	60%			2020	$48,400	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$10,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - Q

Asset # : 535

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2035	* *	1-5	$21,200	
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 8 - BX**				
Address	: **3010 BRIGGS AVENUE @ E. 201 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X008**
Program / Asset #	: **BOE0161.000 / 528**			**Yr Built/Renovated**	: **1958 / 2001**
Area Sq Ft	: **69,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-May-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3299**	**Lot**	: **60**	**BIN**	: **2094734**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$414,800	$78,100
Interior Architecture	$594,500	
Electrical	$329,200	$684,300
Mechanical	$481,300	$123,300
Total	**$1,819,800**	**$885,700**
Importance Code A	$759,400	$78,100
Importance Code B	$1,060,400	$807,600
Total	**$1,819,800**	**$885,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,500		$27,700	$12,000
Interior Architecture	$50,600	$5,300	$5,000	$10,600
Electrical	$2,200	$2,100	$3,200	$2,100
Mechanical	$32,200	$10,700	$27,400	$10,700
Total	**$124,500**	**$18,100**	**$63,300**	**$35,400**
Importance Code A	$39,500	$7,000	$34,700	$19,100
Importance Code B	$67,000	$8,400	$28,600	$16,200
Importance Code C	$17,900	$2,700		
Total	**$124,500**	**$18,100**	**$63,300**	**$35,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$63,200	LIFE	* *	5	$41,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Metal/Glass Curt Wall	30%	0-2	$306,700	LIFE	* *	5	$36,200	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$24,000	
Parapets								
Masonry: Brick	85%	Now	$33,400	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal: Cage/Fence	10%			2037	* *	5-10	$10,500	
Roof								
Built-Up (BUR)	60%			2029	* *	10	$44,900	
Copper/Terne	3%			2052	* *	10	$5,600	
IRMA/Protected Membrane	37%			2029	* *	10	$27,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,600	
Ceramic Tile	5%			2033	* *	5	$5,300	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	25%			2029	* *	3	$13,200	
Vinyl Tile	55%	Now	$99,100	2019	$495,400	3	$21,800	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Wood	5%			2064	* *	5	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$5,300	
Concrete Masonry Unit	3%			LIFE	* *	5	$1,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	2%	4+	$8,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Lobby								
Plaster	55%	Now	$9,400	LIFE	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 2nd And 3rd Floors								
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$29,400	2029	* *	5	$15,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout 2nd And 3rd Floors								
Exposed Concrete	30%			LIFE	* *	5	$4,900	
Fiber Board	10%			2029	* *			
Plaster	30%			LIFE	* *	5	$19,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$146,600	5	$1,800	
Raceway								
Conduit	100%			2024	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	10%			2023	$13,500	5	$200	
Molded Case Bkrs	80%			2046	* *	5	$1,500	
Wiring								
Braided Cloth	30%	2-4	$52,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2034	* *	1		
Thermoplastic	40%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	99%			2034	* *	10	$64,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	1%			2032	* *	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$260,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$62,600	1	$7,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$214,400	1-3	$12,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$21,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Gas Supply To Boilers								
Conversion Equipment								
Steam Boiler	100%	2-4	$344,600	2044	* *	1	$63,100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Of Two Boilers								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$49,400	2034	* *	4	$3,500	
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$1,500	2024	$76,300	1	$7,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Coil, Fan Room								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Pneumatic Control Compressor								
Convector/Radiator	80%			2029	* *	1	$18,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX

Asset # : 528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$87,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,500	
Exhaust Fans								
Interior	60%			2024	$46,900	2	$1,300	
Roof	40%	Now	$1,100	2024	$22,500	2	$700	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Main House Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2044	* *	1		
Galv Iron/Steel	30%	Now	$6,300	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Heater								
Gas Fired	100%			2022	$16,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement, 1st Floor When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Sump Pump Pit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 8 - BX MINISCHOOL**
Address : **3010 BRIGGS AVENUE @ E. 201 ST.**
Borough : **BRONX**
Agency's Number : **X808**
Program / Asset # : **BOE0161.010 / 529**
Yr Built/Renovated : **1985 /**
Area Sq Ft : **8,000**
Project Type : **EDUCATION**
Date of Survey : **20-May-2013**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3299** **Lot** : **60** **BIN** : **2094734**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$80,300	
Interior Architecture	$141,700	
Electrical		$173,200
Mechanical	$104,800	
Total	**$326,800**	**$173,200**
Importance Code A	$80,300	
Importance Code B	$246,500	$173,200
Total	**$326,800**	**$173,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,000			
Interior Architecture	$2,200			$1,500
Electrical	$600	$700	$600	$500
Mechanical	$2,000	$700	$1,300	$700
Total	**$53,900**	**$1,400**	**$1,900**	**$2,800**
Importance Code A	$49,400	$400	$400	$400
Importance Code B	$2,200	$1,000	$1,500	$2,400
Importance Code C	$2,200			
Total	**$53,900**	**$1,400**	**$1,900**	**$2,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$27,100	2044	* *	5	$23,500	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$80,300	2049	* *	5	$1,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Metal, Corrugated	100%	0-2	$22,000	2029	* *	1		
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Vinyl Tile	100%	Now	$103,600	2034	* *	3	$4,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridor(s), Classroom(s)								
Interior Walls								
Gypsum Board	100%	2-4	$2,200	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$38,100	2037	* *	5	$5,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Corridor(s), Classroom(s)								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5		
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	50%			2032	* *	5	$100	
Molded Case Bkrs	50%			2032	* *	5	$100	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$90,400	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$5,500	10	$1,000	
Exit, Service	50%			2024	$1,100	1		
Exterior Lighting								
HID	100%			2024	$30,200	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$4,800	1	$600	
Fire/Smoke Detection								
Generic	100%			2024	$82,900	1-3	$4,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2024	$9,900	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	0-2	$104,800	2029	* *	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - BX MINISCHOOL

Asset # : 529

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$1,400	LIFE	* *	2-5	$4,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Hvac Room								
Exhaust Fans								
Interior	100%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$1,900	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 8 - M LUIS BELLIARD**
Address : **465 WEST 167 STREET @AMSTERDAM AVE.**
Borough : **MANHATTAN**
Agency's Number : **M008**
Program / Asset # : **BOE1043.000 / 14119**
Yr Built/Renovated : **1995 / 2011**
Area Sq Ft : **82,077**
Project Type : **EDUCATION**
Date of Survey : **06-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4,ph**
Block : **2112** **Lot** : **1** **BIN** : **1081842**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$814,300
Interior Architecture	$326,800	$1,228,600
Electrical	$71,500	
Mechanical	$44,300	$929,700
Total	**$442,600**	**$2,972,500**
Importance Code A		$814,300
Importance Code B	$442,600	$2,028,000
Importance Code C		$130,300
Total	**$442,600**	**$2,972,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$11,700	
Interior Architecture	$11,900	$11,900		$14,600
Electrical	$7,100	$18,400	$16,200	$7,100
Mechanical	$36,100	$34,900	$46,500	$25,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$59,000**	**$69,200**	**$78,400**	**$50,600**
Importance Code A	$8,100	$8,300	$19,900	$8,100
Importance Code B	$39,000	$60,900	$58,500	$42,500
Importance Code C	$11,900			
Total	**$59,000**	**$69,200**	**$78,400**	**$50,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$86,200	
Metal: Cage/Fence	4%			2036	* *	5	$20,100	
Mosaic Tile	1%			2043	* *	10	$3,600	
Pre-Cast Concrete	15%			LIFE	* *	5	$56,000	
Stucco Cement	5%			2036	* *	5	$14,400	
Windows								
Aluminum	85%			2039	* *	5	$23,500	
Glass Block	15%			LIFE	* *	5	$2,600	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$3,600	
Metal: Cage/Fence	2%			2036	* *	5-10	$600	
Pre-Cast Concrete	10%			LIFE	* *	5	$2,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Roof								
IRMA/Protected Membrane	100%			2023	$597,200	10	$74,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,900	
Ceramic Tile	10%			2026	$238,100	5	$12,300	
Vinyl Tile	75%	0-2	$78,300	2023	$783,400	3	$34,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along The Edges Of The Corridors, Classrooms And Auditorium								
Wood	5%			2038	* *	5	$11,500	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$12,600	
Concrete Masonry Unit	8%			LIFE	* *	5	$8,100	
Concrete Masonry Unit	2%	0-2	$5,600	LIFE	* *	5	$2,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stairwell B								
Glass Block	2%			LIFE	* *			
Gypsum Board	53%			LIFE	* *	5	$80,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$50,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$12,300	
AcousTileSusp.Lay-In	5%			2040	* *	5	$6,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria, 2011								
AcousTileSusp.Lay-In	25%	Now	$248,400	2043	* *	5	$15,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Classrooms, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Classrooms, Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Classrooms, Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : In Contract For Replacement								
Exposed Concrete	8%			LIFE	* *	5	$1,500	
Gypsum Board	50%			LIFE	* *	5	$76,800	
Metal Panel	2%			LIFE	* *	5	$3,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps & One 1200 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2039	* *	5	$300	
Molded Case Bkrs	85%			2039	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$25,300	
Generators								
Diesel	100%			2032	* *	1	$31,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kw								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$18,300	
Fuel Storage								
Day Tank	100%			2039	* *	5	$15,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Lighting								
Interior Lighting								
Fluorescent	80%			2028	* *	10	$60,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	15%			2028	* *	10	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby, Stairway, Gymnasium & Cafeteria								
Explanation : T-5 Lamps								
HID	3%			2028	* *	10	$100	
Incandescent	2%			2028	* *	2		
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, LED	2%			2051	* *	1		
Exit, Service	48%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$15,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$81,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$4,000	
Terminal Devices								
Air Handler	40%			2028	* *	1	$20,300	
Air Handler	10%	0-2	$44,300	2033	* *	1	$4,600	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Penthouse Mechanical Rooms								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Building Automation System								
Convector/Radiator	50%			2036	* *	1	$13,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2028	* *	1	$38,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	$348,600	1	$50,800	
Heat Rejection								
Remote Air Cond	100%			2023	$490,300	2	$57,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,800	
Exhaust Fans								
Interior	100%			2023	$90,700	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2021	$19,100	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 8 - M LUIS BELLIARD

Asset # : 14119

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$41,400	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	85%							
Generic	15%			2043	* *	1-2	$3,500	
Fire Pump								
Generic	100%			2032	* *	1	$15,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 80 - Q**
Address : **171-05 137 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0732.000 / 971**
Area Sq Ft : **84,000**
Date of Survey : **01-Sep-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12495** **Lot** : **166**

Agency's Number : **Q080**
Yr Built/Renovated : **1964 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4270056**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$151,900	$716,600
Interior Architecture	$882,700	$42,300
Electrical	$688,700	$1,656,800
Mechanical	$35,600	$734,900
Total	**$1,758,900**	**$3,150,600**
Importance Code A	$151,900	$1,175,700
Importance Code B	$1,607,000	$1,974,900
Total	**$1,758,900**	**$3,150,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,500	$10,700	$18,100	
Interior Architecture	$3,200	$39,700		
Electrical	$12,300	$37,900	$8,200	$8,200
Mechanical	$41,100	$40,000	$20,100	$14,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$72,200**	**$132,200**	**$50,400**	**$26,800**
Importance Code A	$20,100	$19,500	$26,700	$8,600
Importance Code B	$52,100	$112,700	$23,700	$18,200
Importance Code C				
Total	**$72,200**	**$132,200**	**$50,400**	**$26,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$69,700	
Masonry: Brick	3%	Now	$6,500	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Below Cap								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Windows								
Aluminum	15%	Now	$101,400	2048	* *	5	$1,200	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Aluminum	67%			2039	* *	5	$10,800	
Glass Block	10%			LIFE	* *	5	$1,000	
Metal Louvers	3%			2032	* *	10	$3,000	
Steel	5%			2022	$42,100	5	$10,100	
Parapets								
Metal Security Bars	20%			2038	* *			
Metal: Cage/Fence	80%			2036	* *	5-10	$72,800	
Roof								
Built-Up (BUR)	45%			2023	$176,300	10	$38,500	
Copper/Terne	5%			2038	* *	10	$10,700	
IRMA/Protected Membrane	45%			2023	$306,900	10	$38,500	
Roll Roofing	3%			2019	$10,600	5	$4,300	
Skylight, Metal/Glass	2%	Now	$50,600	2033	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : At Trash Chute								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : At Trash Chute								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,400	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Fuel Tank Room								
Explanation : Ground Water								
Ceramic Tile	5%			2032	* *	5	$6,500	
Terrazzo	5%			LIFE	* *	5	$5,100	
Vinyl Tile	80%			2018	$882,700	3	$38,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Plaster	65%			LIFE	* *	5	$22,400	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2028	* *	5	$40,500	
AcousTileSusp.Lay-In	10%			2028	* *	5	$13,000	
Exposed Concrete	47%			LIFE	* *	5	$9,500	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	5%			2023	$42,300			
Plaster	10%			LIFE	* *	5	$8,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch - No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$35,900	5	$400	
Molded Case Bkrs	80%			2022	$143,500	5	$1,800	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$25,800	
Generators								
Natural Gas	100%			2019	$121,400	1	$32,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : For Sump Pump Only - 45 Kw								

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	94%			2023	$905,200	10	$74,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	3%			2028	* *	10	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : T-8 Lamps								
HID	1%			2018	$6,900	10		
Incandescent	2%			2018	$19,300	2		
Egress Lighting								
Emergency, Battery	50%			2023	$58,500	10	$10,500	
Exit, Service	50%			2023	$11,700	1		
Exterior Lighting								
HID	100%			2028	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$76,200	1	$9,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$261,000	1-3	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$213,500	5	$26,900	
Conversion Equipment								
Steam Boiler	100%			2021	$422,000	1	$85,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,400	
Terminal Devices								
Air Handler	20%			2028	* *	1	$10,700	
Convector/Radiator	80%			2028	* *	1	$22,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2023	$44,100	1	$6,000	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Auditorium Roof								
Window/Wall Unit	20%			2018	$35,600	1		
No Component	65%							
Terminal Devices								
Direct Expansion	15%			2028	* *	1		
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2028	* *	2	$9,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,300	
Exhaust Fans								
Interior	20%			2028	* *	2	$500	
Roof	80%	Now	$16,500	2023	$55,100	2	$1,700	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,200	2033	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Supply Pipe At Water Main, Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-3								
Explanation : 1 Unit								
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 80 - Q

Asset # : 971

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$3,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 81 - BK**				
Address	: **990 DEKALB AVENUE @STUYVESANT AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K081**	
Program / Asset #	: **BOE0398.000 / 1392**		**Yr Built/Renovated**	: **1966 / 2007**	
Area Sq Ft	: **109,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **03-Oct-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **1602**	**Lot** : **19**	**BIN**	: **3043248**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$991,900	$72,500
Interior Architecture	$732,600	$91,800
Electrical	$2,095,800	$656,800
Mechanical	$39,300	
Total	**$3,859,600**	**$821,100**
Importance Code A	$991,900	$114,500
Importance Code B	$2,795,600	$706,600
Importance Code C	$72,100	
Total	**$3,859,600**	**$821,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,300			
Interior Architecture	$15,100	$4,200	$7,400	$9,500
Electrical	$22,900	$3,200	$29,400	$2,400
Mechanical	$37,700	$15,900	$50,100	$16,600
Total	**$132,100**	**$23,300**	**$86,800**	**$28,500**
Importance Code A	$67,500	$11,100	$11,400	$11,100
Importance Code B	$64,600	$12,100	$75,500	$17,300
Importance Code C				
Total	**$132,100**	**$23,300**	**$86,800**	**$28,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	5%	0-2	$4,200	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$72,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	25%	0-2	$15,000	2037	* *	5	$32,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$935,300	2049	* *	5	$11,200	
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Hardware Missing, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Metal: Cage/Fence	10%			2037	* *	5-10	$9,400	
Stucco Cement	90%	0-2	$56,600	2037	* *	5	$14,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Built-Up (BUR)	25%	0-2	$5,100	2029	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	75%	0-2	$26,600	2029	* *			
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$8,800	LIFE	* *	5	$36,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2033	* *	5	$8,400	
Quarry Tile	5%			2037	* *	5	$12,600	
Vinyl Tile	45%	Now	$64,400	2029	* *	3	$28,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	35%			2019	$501,100	3	$22,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	15%			LIFE	* *	5	$8,900	
Plaster	55%			LIFE	* *	5	$24,600	
SGFT/Glazed Masonry	25%	Now	$72,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	30%	Now	$40,800	2029	* *	5	$31,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Cafeteria, Gymnasium								
Exposed Concrete	50%	Now	$54,100	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$54,900			
Plaster	10%			LIFE	* *	5	$10,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	60%			2024	$117,300	5	$300	
Fused Disc Sw	40%			2044	* *	5	$200	
Raceway								
Conduit	90%			2024	$187,800	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$300	
Fused Toggle Switch	5%	2-4	$9,000	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : Basement								
Molded Case Bkrs	20%			2040	* *	5	$600	
Molded Case Bkrs	65%			2023	$116,600	5	$1,900	
Wiring								
Braided Cloth	60%	2-4	$179,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Thermoplastic	30%			2024	$89,500	1		
Thermoplastic	10%			2044	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2022	$103,600	5	$700	
Locally Mounted	10%	Now	$11,500	2044	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 80%								
Location : Basement Fan Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	77%			2019	$962,200	10	$79,400	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2032	* *	10	$5,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Fluorescent	15%			2032	* *	10	$15,500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Cafeteria And Hallways								
HID	3%			2032	* *	10	$100	
Egress Lighting								
Emergency, Battery	45%			2019	$68,300	10	$12,200	
Emergency, Battery	5%			2029	* *	10	$1,400	
Exit, Service	40%			2019	$12,100	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$411,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$395,100	1-3	$23,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$111,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$39,300	2044	* *	4	$5,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$2,400	2029	* *	1	$12,500	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Air Handlers - Flexible Connections								
Convector/Radiator	80%			2029	* *	1	$29,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$23,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,700	
Exhaust Fans								
Interior	20%			2029	* *	2	$700	
Roof	80%	Now	$3,600	2029	* *	2	$2,200	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Exhaust Fan								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$16,800	2029	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Shut Off Valves, Basement								
Water Heater								
Electric	5%			2022	$900	4		
Gas Fired	95%			2023	$24,900	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	10%	Now	$100	2024	$1,100	4	$200	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Basement								
Rigid Piping	90%			2032	* *	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 81 - BK

Asset # : 1392

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Dry	5%			2019	$1,300	1-3	$2,500	
No Component	95%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 81 - Q**		
Address	: **559 CYPRESS AVENUE @ BLEECKER ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q081**
Program / Asset #	: **BOE0733.000 / 536**	**Yr Built/Renovated**	: **1904 / 2011**
Area Sq Ft	: **51,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3437** **Lot** : **1**	**BIN**	: **4082076**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$114,100
Interior Architecture	$534,100	$179,100
Electrical	$156,500	$165,800
Mechanical	$36,600	$540,000
Total	**$727,200**	**$998,900**
Importance Code A		$114,100
Importance Code B	$727,200	$749,900
Importance Code C		$134,900
Total	**$727,200**	**$998,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,400	$29,600	$12,400	$13,800
Interior Architecture	$1,200	$11,300	$700	$7,900
Electrical	$1,400	$1,400	$1,900	$2,300
Mechanical	$7,400	$54,600	$9,800	$7,200
Total	**$25,400**	**$96,900**	**$24,800**	**$31,000**
Importance Code A	$20,600	$34,800	$17,700	$19,000
Importance Code B	$4,800	$62,100	$7,100	$12,100
Importance Code C				
Total	**$25,400**	**$96,900**	**$24,800**	**$31,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$38,100	
Masonry: Brick	78%			LIFE	* *	5	$76,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$11,000	
Metal Panel	2%			2033	* *	5-10	$13,400	
Windows								
Aluminum	90%			2039	* *	5	$24,800	
Wood	10%			2045	* *	5	$27,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$6,800	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$400	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$25,900	
Metal Panel	5%	Now	$15,400	2043	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Interior								
Floors								
Ceramic Tile	3%			2032	* *	5	$2,400	
Vinyl Tile	80%	Now	$534,100	2033	* *	3	$23,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Fifth Floor								
Explanation : 9x9 Tiles								
Vinyl Tile	7%			2028	* *	3	$2,100	
Wood	10%			2038	* *	5	$14,700	
Interior Walls								
Ceramic Tile	5%			2026	$134,900	5	$4,900	
Masonry: Brick	15%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$23,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$7,900	
Plaster	90%			LIFE	* *	5	$44,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$200	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	95%			2045	* *	5	$1,300	
Wiring								
Braided Cloth	90%	0-2	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$48,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	40%			2031	* *	10	$5,100	
Exit, Service	60%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$52,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$36,600	2043	* *	4	$2,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Return Lines								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : Live Steam Returns Although All Traps Have Been Changed								
Terminal Devices								
Air Handler	10%			2018	$28,300	1	$3,200	
Convector/Radiator	90%			2021	$446,000	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$10,800	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$11,700	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q

Asset # : 536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	20%			2018	$8,300	2	$300	
Roof	20%			2031	* *	2	$300	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2033	* *	1		
Galv Iron/Steel	60%			2021	$94,000	1		
Water Heater								
Gas Fired	100%			2021	$12,200	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 81 - Q ANNEX (OL 75)**		
Address	: **511 SENECA AVENUE @BLEECKER ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q081**
Program / Asset #	: **BOE0733.010 / 537**	**Yr Built/Renovated**	: **1898 / 2011**
Area Sq Ft	: **15,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3434** **Lot** : **1**	**BIN**	: **4081987**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$211,700	
Mechanical		$251,000
Total	**$211,700**	**$251,000**
Importance Code B	$211,700	$251,000
Total	**$211,700**	**$251,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,300	$2,300	
Interior Architecture	$13,300	$600	$300	$2,200
Electrical	$19,000	$14,600	$1,200	$900
Mechanical	$23,800	$2,300	$2,500	$3,100
Total	**$56,100**	**$20,800**	**$6,300**	**$6,200**
Importance Code A	$1,500	$4,900	$3,800	$1,500
Importance Code B	$54,500	$15,900	$2,500	$4,600
Importance Code C				
Total	**$56,100**	**$20,800**	**$6,300**	**$6,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q ANNEX (OL 75)

Asset # : 537

Architecture / System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	3%			2043	* *	5-10	$6,500	
Wood	2%			2028	* *	5	$3,100	
Under Construction	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Entire Face Brick Is Being Replaced								
Windows								
Aluminum	95%			2039	* *	5	$4,600	
Wood	5%			2031	* *	5	$2,400	
Roof								
Asphalt Shingle	100%			2032	* *	10	$5,200	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Repairs In Progress								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$5,000	
Ceramic Tile	3%	Now	$13,300	2038	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Vinyl Tile	77%	Now	$149,500	2033	* *	3	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, Toilets								
Worn/Eroded, Extent : Severe, Area Affected : 55%								
Location : Throughout, 1st Floor, 2nd Floor								
Vinyl Tile	10%			2028	* *	3	$900	
Interior Walls								
Ceramic Tile	5%			2026	$27,800	5	$1,000	
Masonry: Brick	15%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$4,800	
Ceilings								
AcousTileSusp.Lay-In	5%			2028	* *	5	$1,100	
Embossed Metal	80%	Now	$62,200	LIFE	* *	5	$8,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$1,400	
Wood	5%			LIFE	* *	5	$9,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q ANNEX (OL 75)

Asset # : 537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 200 Amperes								
Raceway								
Conduit	70%			2023	$15,500	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Toggle Switch	20%	2-4	$6,000	2048	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Obsolete Equipment								
Molded Case Bkrs	80%			2039	* *	5	$300	
Wiring								
Braided Cloth	50%	2-4	$12,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023	$200	10		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$1,800	
Exit, Service	50%			2028	* *	1		
Alarm								
Security System								
No Component	50%							
Generic	50%			2031	* *	1	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - Q ANNEX (OL 75)

Asset # : 537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Bells, Manual Pull Station, Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$15,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$21,300	2033	* *	4	$800	
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
Explanation : Water Hammering - Gravity System, No Vacuum Pump, No Zone Temp. Control								
Terminal Devices								
Convector/Radiator	100%			2021	$144,100	1	$4,900	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$22,800	1		
Water Heater								
Gas Fired	100%			2021	$3,500	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	40%							
Generic	60%			2023	$106,900	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 81 - Q ANNEX (OL 75)
Asset # : 537

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 817 - BX**		
Address	**: 1680 HOE AVENUE @ E.173 ST.**		
Borough	**: BRONX**	**Agency's Number**	**: X817**
Program / Asset #	**: BOE0339.000 / 4415**	**Yr Built/Renovated**	**: 1970 / 2006**
Area Sq Ft	**: 9,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 02-Dec-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Roof, Floors 1**		
Block	**: 2990 Lot : 6**	**BIN**	**: 2010671**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$122,500	
Electrical	$2,100	$150,000
Mechanical	$87,600	
Total	**$212,200**	**$150,000**
Importance Code B	$212,200	$150,000
Total	**$212,200**	**$150,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$600	$1,100		
Interior Architecture	$15,400		$100	$1,600
Electrical	$1,100		$100	$35,300
Mechanical	$1,000	$600	$2,400	$52,100
Total	**$18,100**	**$1,700**	**$2,700**	**$89,000**
Importance Code A	$1,200	$1,100	$600	
Importance Code B	$16,900	$600	$2,100	$89,000
Importance Code C				
Total	**$18,100**	**$1,700**	**$2,700**	**$89,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	70%			LIFE	* *	5	$1,500	
Masonry: Brick	5%			LIFE	* *	5	$200	
Stucco Cement	25%			2038	* *	5	$2,100	
Windows								
Aluminum	100%			2047	* *	5	$1,200	
Parapets								
Concrete Masonry Unit	95%			LIFE	* *	5	$2,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$18,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,500	
Ceramic Tile	2%			2034	* *	5	$300	
Vinyl Tile	13%	Now	$15,400	2035	* *	3	$700	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout 12x12								
Vinyl Tile 9" X 9"	80%	0-2	$122,500	2035	* *	3	$4,200	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$3,700	
Gypsum Board	25%			LIFE	* *	5	$1,800	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$2,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$48,900	5		
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2024	$2,200	5		
Fused Toggle Switch	5%	2-4	$1,100	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	85%			2024	$19,100	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$101,100	10	$8,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2020	$2,100	10	$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Office								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,100	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$34,000	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations,Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Radiant Heater	70%			2025	$28,600	2	$3,000	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : 9 Units								
No Component	30%							
Distribution								
Ductwork/Diffusers	90%			LIFE	* *	2-5	$4,700	
No Component	10%							
Terminal Devices								
Fan Coil Unit/Heat	90%			2020	$87,600	1	$2,700	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 817 - BX

Asset # : 4415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Heat Pump	20%			2019	$100	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : 2 Units - Also Providing Heat								
Window/Wall Unit	70%			2020	$13,400	1		
No Component	10%							
Terminal Devices								
Fan Coil - Cool/Heat	20%			2020	$31,700	1	$600	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2020	$3,300	2	$1,300	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,200	
Exhaust Fans								
Interior	30%			2020	$3,100	2	$100	
Roof	70%			2025	$5,200	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2024	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 82 - Q**		
Address	: **88-02 144 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q082**
Program / Asset #	: **BOE0734.000 / 538**	**Yr Built/Renovated**	: **1906 / 2010**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**		
Block	: **9684** **Lot** : **8**	**BIN**	: **4206905**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$36,500	$300,700
Interior Architecture		$374,600
Electrical	$129,200	$500,400
Total	**$165,600**	**$1,175,700**
Importance Code A	$36,500	$300,700
Importance Code B	$129,200	$724,200
Importance Code C		$150,800
Total	**$165,600**	**$1,175,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$28,200	$13,900	
Interior Architecture	$5,500		$8,800	$3,300
Electrical	$5,300	$51,000	$8,300	$4,900
Mechanical	$23,300	$37,900	$17,700	$10,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$38,100**	**$120,900**	**$52,500**	**$22,900**
Importance Code A	$5,800	$34,100	$19,700	$5,800
Importance Code B	$32,300	$86,800	$30,100	$17,000
Importance Code C			$2,700	
Total	**$38,100**	**$120,900**	**$52,500**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,400	
Masonry: Brick	48%			LIFE	* *	5	$44,700	
Repairs in Progress, Extent : Light, Area Affected : 25% *Location : 1995 Addition*								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100% *Location : 1995 Addition*								
Masonry: Brick	40%			LIFE	* *	5	$37,200	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : 1906 Wing*								
Metal Panel	3%			2043	* *	5-10	$19,200	
Pre-Cast Concrete	2%			LIFE	* *	5	$6,100	
Stucco Cement	2%			2028	* *	5	$4,700	
Windows								
Aluminum	100%			2039	* *	5	$27,700	
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$5,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1906 Wing*								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Coping 1906 Wing*								
Under Construction	50%							
Roof								
Built-Up (BUR)	45%			2028	* *	10	$20,600	
Copper/Terne	5%			2051	* *	10	$5,700	
IRMA/Protected Membrane	50%	Now	$36,500	2023	$182,400			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20% *Location : 1995 Wing*								
Worn/Eroded, Extent : Moderate, Area Affected : 25% *Location : 1995 Wing*								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,600	
Ceramic Tile	5%			2032	* *	5	$4,400	
Vinyl Tile	55%			2028	* *	3	$18,100	
Vinyl Tile	30%			2023	$223,800	3	$13,200	
Wood	5%			2051	* *	5	$8,200	
Interior Walls								
Ceramic Tile	5%			2026	$150,800	5	$5,500	
Concrete Masonry Unit	20%			LIFE	* *	5	$8,700	
Folding Partition	2%			2039	* *	5	$5,500	
Gypsum Board	5%			LIFE	* *	5	$3,300	
Plaster	43%			LIFE	* *	5	$14,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2036	* *	5	$21,900	
AcousTileSusp.Lay-In	35%			2036	* *	5	$30,700	
Gypsum Board	5%			LIFE	* *	5	$5,500	
Plaster	40%			LIFE	* *	5	$21,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Raceway								
Conduit	40%			2043	* *	1		
Conduit	60%			2023	$74,300	1		
Panelboards								
Fused Disc Sw	10%			2022	$10,500	5	$100	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	45%			2022	$47,100	5	$700	
Molded Case Bkrs	40%			2039	* *	5	$600	
Wiring								
Thermoplastic	40%			2043	* *	1		
Thermoplastic	60%			2023	$104,300	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$200	
Locally Mounted	60%			2021	$27,200	5	$200	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$400	
Generic	50%			LIFE	* *	5	$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$17,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2032	* *	1	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Kw								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$12,700	
Fuel Storage								
Day Tank	50%			2039	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 50 Gals								
Main Tank	50%			2051	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	60%			2028	* *	10	$32,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	38%			2023	$247,500	10	$20,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Explanation : T-12 Lamps								
HID	2%			2028	* *	10		
Egress Lighting								
Emergency, Service	45%			2028	* *	1		
Emergency, Battery	5%			2028	* *	10	$700	
Exit, Service	20%			2028	* *	1		
Exit, Service	30%			2018	$4,700	1		
Exterior Lighting								
HID	60%			2018	$129,200	10	$100	
HID	40%			2028	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$58,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$4,300	
Terminal Devices								
Air Handler	20%			2028	* *	1	$7,300	
Convector/Radiator	50%			2028	* *	1	$9,500	
Fan Coil Unit/Heat	30%			2028	* *	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2028	* *	1	$10,900	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : New Wing Penthouse								
Window/Wall Unit	20%			2018	$24,100	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2043	* *	4	$1,200	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2028	* *	1	$3,600	
Fan Coil - Cool/Heat	30%			2028	* *	1	$5,700	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2023	$28,100	2	$16,300	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$16,300	
No Component	50%							
Exhaust Fans								
Roof	50%			2023	$23,300	2	$900	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2043	* *	1		
Galv Iron/Steel	40%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$13,600	2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 82 - Q

Asset # : 538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Backflow Preventer								
No Component	60%							
Generic	40%			2028	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing								
Explanation : One Bfp Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : S B, B, 1, 2, 3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	60%							
Generic	40%			2043	* *	1-5	$11,800	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing								
Explanation : New Wing Only								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 83 - M**				
Address	: **219 EAST 109 STREET @2ND - 3RD AVES.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M083**
Program / Asset #	: **BOE0049.000 / 1683**			**Yr Built/Renovated**	: **1964 / 2000**
Area Sq Ft	: **79,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Sep-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1659**	**Lot**	: **12**	**BIN**	: **1052436**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$168,100	$60,800
Interior Architecture	$467,000	$79,600
Electrical	$1,589,500	$438,700
Mechanical	$396,900	$139,800
Total	**$2,621,500**	**$718,900**
Importance Code A	$565,100	$79,300
Importance Code B	$2,056,400	$639,700
Total	**$2,621,500**	**$718,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,200			
Interior Architecture	$121,000			$13,700
Electrical	$8,800	$2,600	$12,800	$1,900
Mechanical	$27,300	$17,400	$64,200	$12,200
Total	**$201,300**	**$20,000**	**$77,100**	**$27,800**
Importance Code A	$44,200	$8,100	$8,200	$8,100
Importance Code B	$131,100	$11,900	$68,800	$19,700
Importance Code C	$26,000			
Total	**$201,300**	**$20,000**	**$77,100**	**$27,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$91,700	LIFE	* *	5	$60,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Granite Panels	5%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%	0-2	$31,800	2040	* *	5	$7,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$7,000	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$9,900	
Roof								
Copper/Terne	5%	0-2	$5,400	2052	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
IRMA/Protected Membrane	95%			2029	* *	10	$76,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$1,300	LIFE	* *	5	$13,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	0-2	$5,900	2033	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	45%	Now	$23,300	2019	$467,000	3	$20,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Lunchroom								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement, Lunchroom								
Explanation : 9 X 9 Tiles								
Vinyl Tile	45%			2029	* *	3	$27,500	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$6,500	
Plaster	60%	0-2	$26,000	LIFE	* *	5	$19,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	Now	$34,000	2029	* *	5	$9,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
AcousTileConcealSpLn	10%			2037	* *	5	$15,200	
Exposed Concrete	55%			LIFE	* *	5	$10,500	
Fiber Board	10%			2024	$79,600			
Plaster	10%	0-2	$16,000	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Disc Sw	10%			2040	* *	5	$200	
Fused Toggle Switch	5%	2-4	$6,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	70%			2023	$94,200	5	$1,500	
Molded Case Bkrs	5%			2046	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$130,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Thermoplastic	5%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2022	$68,000	5	$500	
Locally Mounted	10%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	70%			2019	$634,000	10	$52,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2029	* *	10	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairways And Toilets								
Explanation : T-8 Lamps								
Incandescent	15%			2019	$135,900	2	$300	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$9,800	
Exit, Service	50%			2032	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	100%			2019	$298,400	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$327,300	1-3	$19,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$25,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 8,000 Gals								
Conversion Equipment								
Steam Boiler	100%	Now	$396,900	2044	* *	1	$72,700	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - M

Asset # : 1683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,000	
Terminal Devices								
Air Handler	20%	Now	$8,800	2024	$87,900	1	$9,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 25%								
Location : Fan Room								
Convector/Radiator	80%			2037	* *	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$33,500	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	20%			2029	* *	2	$500	
Roof	80%	Now	$5,200	2024	$51,900	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 84 - BK**
Address : **250 BERRY STREET @ S.1ST ST.**
Borough : **BROOKLYN**
Agency's Number : **K084**
Program / Asset # : **BOE0399.000 / 1393**
Yr Built/Renovated : **1969 / 2002**
Area Sq Ft : **95,000**
Project Type : **EDUCATION**
Date of Survey : **14-Apr-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2391** **Lot** : **1**
BIN : **3062766**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$96,800	$204,700
Interior Architecture	$112,700	$1,212,400
Electrical	$338,900	$2,060,700
Mechanical	$100,800	$195,900
Total	**$649,100**	**$3,673,700**
Importance Code A	$96,800	$241,700
Importance Code B	$500,300	$3,432,000
Importance Code C	$52,100	
Total	**$649,100**	**$3,673,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$9,000	$13,800	$2,200	$36,700
Electrical	$700	$1,100	$1,900	$1,200
Mechanical	$55,600	$13,500	$26,800	$39,700
Total	**$65,200**	**$28,300**	**$30,900**	**$77,500**
Importance Code A	$9,500	$9,700	$9,700	$9,900
Importance Code B	$46,700	$18,600	$21,200	$67,600
Importance Code C	$9,000			
Total	**$65,200**	**$28,300**	**$30,900**	**$77,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$81,200	
Windows								
Aluminum	100%			2041	* *	5	$18,200	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$123,500	
Masonry: Brick	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$96,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,100	
Ceramic Tile	3%			2034	* *	5	$4,400	
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile 9" X 9"	75%	0-2	$60,600	2025	$1,212,400	3	$41,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								
Wood	10%			2053	* *	5	$27,500	
Interior Walls								
Ceramic Tile	5%	0-2	$9,000	2028	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%	0-2	$52,100	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$45,800	
Exposed Concrete	65%			LIFE	* *	5	$14,900	
Plaster	10%			LIFE	* *	5	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Electrical Room* *Explanation : 1- Electrical Service, Rated @ 2500 Amps*								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$153,900	5	$400	
Fused Disc Sw	10%			2045	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	5%			2041	* *	5	$100	
Molded Case Bkrs	90%			2024	$161,400	5	$2,300	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$980,200	10	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	10%			2020	$108,900	2	$200	
Egress Lighting								
Emergency, Battery	20%			2025	$26,500	10	$4,700	
Exit, Service	80%			2025	$21,200	1		
Exterior Lighting								
HID	100%			2025	$358,800	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$57,500	1	$7,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$30,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$9,500	2030	* *	1	$87,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,200	2035	* *	4	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Throughout								
Terminal Devices								
Air Handler	20%	Now	$5,300	2025	$105,700	1	$10,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Located In Basement Fan Room, It Serves The Lunchroom								
Convector/Radiator	80%			2030	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2020	$100,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	40%			2025	$43,400	2	$1,200	
Roof	60%	Now	$2,300	2025	$46,800	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,800	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$600	2020	$11,100	4	$1,600	
Broken, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - BK

Asset # : 1393

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%	0-2	$600	2025	$11,100	4	$1,600	
Broken, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 84 - M**		
Address	: **32 WEST 92 STREET @ CENTRAL PARK WEST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M084**
Program / Asset #	: **BOE0050.000 / 1684**	**Yr Built/Renovated**	: **1962 / 2013**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1205** **Lot** : **6**	**BIN**	: **1081042**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,600	$459,900
Interior Architecture	$592,200	$386,700
Electrical	$178,900	$716,600
Mechanical		$96,800
Total	**$809,600**	**$1,660,000**
Importance Code A	$38,600	$496,900
Importance Code B	$771,000	$1,163,100
Total	**$809,600**	**$1,660,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,400			
Interior Architecture	$87,100	$12,600	$8,000	$6,700
Electrical	$1,000	$1,300	$1,800	$1,300
Mechanical	$29,100	$12,700	$19,400	$45,100
Total	**$145,600**	**$26,600**	**$29,300**	**$53,100**
Importance Code A	$37,100	$8,900	$8,900	$9,100
Importance Code B	$84,600	$17,700	$17,400	$44,100
Importance Code C	$23,800		$3,000	
Total	**$145,600**	**$26,600**	**$29,300**	**$53,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$70,700	
Masonry: Brick	5%	0-2	$22,400	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	95%			2041	* *	5	$15,900	
Glass Block	5%			LIFE	* *	5	$500	
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$12,200	
Roof								
Built-Up (BUR)	95%	Now	$38,600	2025	$385,500			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : Roof Over Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Over Second Floor								
Copper/Terne	5%	Now	$5,900	2040	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%	0-2	$6,500	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	30%			2025	$342,800	3	$15,100	
Vinyl Tile 9" X 9"	40%	0-2	$29,600	2020	$592,200	3	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			2053	* *	5	$25,200	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	Now	$23,800	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$27,200	2030	* *	5	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5	$11,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$43,900			
Plaster	10%			LIFE	* *	5	$8,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	70%			2024	$125,600	5	$1,600	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$500	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$80,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
LED	2%			2035	* *			
Egress Lighting								
Exit, Service	50%			2035	* *	1		
Exit, Battery	50%			2035	* *	10	$3,000	
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$79,000	1	$9,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$27,800	
Conversion Equipment								
Steam Boiler	100%	Now	$8,700	2030	* *	1	$80,000	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,500	2035	* *	4	$4,400	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$96,800	1	$11,100	
Convector/Radiator	80%			2038	* *	1	$23,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$18,500	1		
No Component	90%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - M

Asset # : 1684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	70%			2030	* *	2	$1,900	
Roof	30%	Now	$2,100	2025	$21,400	2	$700	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,400	2035	* *	4	$8,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 84 - Q**		
Address	: **22-45 41 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q084**
Program / Asset #	: **BOE0735.000 / 1633**	**Yr Built/Renovated**	: **1904 / 2009**
Area Sq Ft	: **49,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **794** **Lot** : **17**	**BIN**	: **4015334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$92,800	$130,600
Interior Architecture	$143,900	$457,000
Electrical	$789,400	$195,000
Total	**$1,026,000**	**$782,600**
Importance Code A	$92,800	$130,600
Importance Code B	$895,600	$652,000
Importance Code C	$37,700	
Total	**$1,026,000**	**$782,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,900
Interior Architecture	$10,000	$8,500	$7,100	$900
Electrical	$1,800	$1,900	$37,700	$1,700
Mechanical	$20,000	$7,500	$8,900	$8,700
Total	**$31,800**	**$17,900**	**$53,700**	**$23,300**
Importance Code A	$5,000	$5,000	$5,100	$16,900
Importance Code B	$26,800	$10,500	$48,600	$6,400
Importance Code C		$2,300		
Total	**$31,800**	**$17,900**	**$53,700**	**$23,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$62,500	
Masonry: Brick	85%			LIFE	* *	5	$68,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2040	* *	5	$23,800	
Parapets								
Masonry: Brick	90%	Now	$53,400	LIFE	* *	5	$9,300	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : West Side								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Near West Side Staircase								
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$39,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,300	
Ceramic Tile	5%			2027	* *	5	$3,800	
Quarry Tile	5%			2037	* *	5	$5,700	
Vinyl Tile	10%	Now	$64,100	2034	* *	3	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Principal's Office, Main Office								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : North Side Staircases								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria And Stair Landings								
Vinyl Tile	65%			2024	$416,900	3	$18,400	
Wood	10%			2039	* *	5	$14,100	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$4,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$21,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Main Office								
Plaster	5%	Now	$37,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : 3rd Floor Of Staircase C								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 3rd Floor Of Staircase C								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$5,300	2029	* *	5	$5,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Room 204								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Staircase C								
Plaster	85%	0-2	$42,100	LIFE	* *	5	$40,100	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Room 204								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Above Windows In Room 204								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	95%			2024	$66,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$5,200	5	$100	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$83,700	5	$1,000	
Molded Case Bkrs	10%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$82,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2019	$475,900	10	$39,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2029	* *	10	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st & 2nd Floor Hallways								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	15%			2029	* *	10	$1,800	
Emergency, Battery	35%			2019	$23,800	10	$4,300	
Exit, Service	5%			2029	* *	1		
Exit, Service	45%			2019	$6,100	1		
Exterior Lighting								
HID	100%			2019	$185,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$5,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$9,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$2,500	
Terminal Devices								
Convector/Radiator	100%			2029	* *	1	$16,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 84 - Q

Asset # : 1633

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2029	* *	2	$200	
Window/Wall Unit	10%			2022	$10,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,400	
No Component	95%							
Exhaust Fans								
Roof	5%			2029	* *	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$11,700	2024	$11,700	2	$600	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : 250 Gallon Tank Is Scheduled To Be Replaced								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$700	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 85 - Q**		
Address	: **23-70 31 STREET BTWN: 23 RD., 24 AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q085**
Program / Asset #	: **BOE0736.000 / 1619**	**Yr Built/Renovated**	: **1908 / 2012**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **842** **Lot** : **31**	**BIN**	: **4017485**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$37,900	$110,500
Electrical	$943,400	$111,500
Mechanical	$48,200	$590,500
Total	**$1,029,600**	**$812,500**
Importance Code A	$37,900	$110,500
Importance Code B	$991,700	$702,000
Total	**$1,029,600**	**$812,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$2,700
Interior Architecture	$13,600	$19,000		
Electrical	$700	$900	$700	$24,900
Mechanical	$17,700	$8,400	$14,100	$28,700
Total	**$32,000**	**$28,200**	**$14,700**	**$56,300**
Importance Code A	$14,800	$6,000	$6,000	$8,800
Importance Code B	$17,300	$19,400	$8,700	$47,500
Importance Code C		$2,800		
Total	**$32,000**	**$28,200**	**$14,700**	**$56,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	65%			LIFE	* *	5	$69,000	
Masonry: Granite	5%			LIFE	* *	5	$4,000	
Masonry: Limestone	23%			LIFE	* *	5	$18,300	
Stucco Cement	2%			2030	* *	5	$5,300	
Windows								
Aluminum	100%			2041	* *	5	$30,600	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$11,500	
Masonry: Brick Cavity	80%			LIFE	* *	5	$7,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$37,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,900	
Ceramic Tile	5%			2028	* *	5	$4,500	
Vinyl Tile	85%			2030	* *	3	$29,000	
Wood	5%			2053	* *	5	$8,500	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$5,700	
Masonry: Brick	10%			LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Plaster	75%			LIFE	* *	5	$25,400	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2042	* *	5	$27,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium And Various Classrooms								
Exposed Concrete	10%			LIFE	* *	5	$1,400	
Plaster	60%			LIFE	* *	5	$34,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,400	
Wiring								
Braided Cloth	90%	0-2	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	20%			2030	* *	10	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st Floor								
Explanation : T-8 Lamps								
Fluorescent	77%			2020	$519,100	10	$42,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$9,700	10		
Incandescent	1%			2020	$6,700	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$7,300	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$213,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Tank Vault								
Explanation : 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$14,800	2038	* *	1	$54,100	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Both Boilers Are Scheduled For Retubing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,000	
Terminal Devices								
Convector/Radiator	90%			2023	$515,900	1	$17,600	
Unit Heater-Stm/HW	10%			2025	$39,200	4	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$6,200	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,800	
Exhaust Fans								
Roof	100%			2020	$48,200	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - Q

Asset # : 1619

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2020	$14,100	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$35,400	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 86 - BK THE IRVINGTON SCHOOL**
Address : **220 IRVING AVENUE @ HARMON ST.**
Borough : **BROOKLYN**
Agency's Number : **K086**
Program / Asset # : **BOE0401.000 / 1394**
Yr Built/Renovated : **1892 / 2014**
Area Sq Ft : **37,000**
Project Type : **EDUCATION**
Date of Survey : **12-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **3289** **Lot** : **27**
BIN : **3075109**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$59,900
Interior Architecture	$169,500	
Electrical	$84,500	$251,700
Mechanical		$380,500
Total	**$254,100**	**$692,200**
Importance Code A		$59,900
Importance Code B	$254,100	$632,200
Total	**$254,100**	**$692,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,400			$500
Interior Architecture	$106,400		$1,400	$26,500
Electrical	$26,600	$100	$300	$54,000
Mechanical	$11,700	$5,000	$6,100	$16,800
Total	**$167,100**	**$5,200**	**$7,900**	**$97,800**
Importance Code A	$26,200	$3,800	$3,800	$4,300
Importance Code B	$71,300	$1,400	$4,100	$93,400
Importance Code C	$69,500			
Total	**$167,100**	**$5,200**	**$7,900**	**$97,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$59,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brownstone	10%			LIFE	* *	5	$5,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$19,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,900	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
No Component	90%							
Roof								
Asphalt Shingle	98%	Now	$8,000	2034	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Near SW Stair								
Built-Up (BUR)	2%			2030	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	15%	0-2	$4,400	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$2,800	
Vinyl Tile	35%	Now	$169,500	2035	* *	3	$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : 9x9 Tile								
Wood	45%			2040	* *	5	$48,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	15%	Now	$20,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Storage Area Behind Tank Room								
Plaster	75%	Now	$21,300	LIFE	* *	5	$16,000	
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Southwest Stair Tower - All Floors								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Southwest Stair Tower - All Floors								
SGFT/Glazed Masonry	10%	0-2	$27,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Embossed Metal	40%	0-2	$10,000	LIFE	* *	5	$10,300	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Concrete	10%	4+	$3,700	LIFE	* *	5	$900	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement Storage Area								
Plaster	50%	Now	$18,700	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2045	* *	5	$100	
Molded Case Bkrs	50%			2045	* *	5	$500	
Raceway								
Conduit	70%			2025	$36,800	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	65%			2024	$48,600	5	$600	
Molded Case Bkrs	30%			2041	* *	5	$300	

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DEPARTMENT OF EDUCATION - 040
P. S. 86 - BK THE IRVINGTON SCHOOL
Asset # : 1394

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	2-4	$26,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Thermoplastic	40%			2025	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	20%			2020	$84,500	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	73%			2030	* *	10	$25,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	2%			2030	* *	10		
Incandescent	5%			2020	$21,100	2		
Egress Lighting								
Emergency, Battery	50%			2025	$25,700	10	$4,600	
Exit, Service	50%			2025	$5,100	1		
Exterior Lighting								
HID	100%			2025	$139,700	10	$100	
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$37,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$1,900	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BK THE IRVINGTON SCHOOL

Asset # : 1394

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%			2023	$323,500	1	$11,100	
Fan Coil Unit/Heat	10%			2025	$57,000	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$11,700	1		
No Component	85%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	2-4	$5,700	2030	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2023	$8,900	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 86 - Q**				
Address	: **87-41 PARSONS BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q086**
Program / Asset #	: **BOE0737.000 / 2766**			**Yr Built/Renovated**	: **1970 / 2007**
Area Sq Ft	: **88,426**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **9774**	**Lot**	: **1**	**BIN**	: **4438678**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$151,100	$177,900
Interior Architecture	$731,300	$714,400
Electrical	$390,000	$1,201,700
Mechanical	$170,800	$182,500
Total	**$1,443,200**	**$2,276,500**
Importance Code A	$151,100	$214,900
Importance Code B	$1,252,900	$2,022,400
Importance Code C	$39,200	$39,200
Total	**$1,443,200**	**$2,276,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,500	$6,100		$18,300
Interior Architecture	$46,900	$3,900		$13,700
Electrical	$8,000	$42,200	$1,500	$1,500
Mechanical	$23,600	$3,600	$11,900	$3,600
Total	**$112,000**	**$55,800**	**$13,400**	**$37,100**
Importance Code A	$33,500	$6,300		$18,300
Importance Code B	$50,100	$49,500	$13,400	$18,800
Importance Code C	$28,300			
Total	**$112,000**	**$55,800**	**$13,400**	**$37,100**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	$86,200	LIFE	* *	5	$28,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Metal Coiling Doors	5%	Now	$20,300	2028	* *	5	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	55%	Now	$64,900	LIFE	* *	5	$127,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2045	* *	5	$17,800	
Parapets								
Copper/Terne	3%			2067	* *	5	$1,200	
Masonry: Brick	35%			LIFE	* *	5	$3,000	
Metal Rail	10%			2040	* *	5-10	$15,400	
Pre-Cast Concrete	50%			LIFE	* *	5	$26,800	
Pre-Cast Concrete	2%	Now	$6,100	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Coping At Lower Parapet								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping At Lower Parapet								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Coping At Lower Parapet								
Roof								
Built-Up (BUR)	35%	Now	$6,500	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	62%			2031	* *	10	$50,300	
Copper/Terne	3%			2058	* *	10	$6,100	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$2,800	LIFE	* *	5	$29,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$6,600	
Panel/Paver: Cer/Brk	2%	Now	$12,500	2039	* *	5	$3,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%	Now	$135,000	2023	$675,200	3	$29,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	23%	Now	$25,900	2018	$258,800	3	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Wall In Basement								
Ceramic Tile	23%			2032	* *	5	$56,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,900	
Folding Partition	2%	Now	$39,200	2039	* *	5	$6,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Metal Panel	2%			LIFE	* *			
Plaster	53%			LIFE	* *	5	$39,200	
Ceilings								
AcousTile,Adhered	20%	Now	$232,100	2043	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileConcealSpLn	5%			2028	* *	5	$7,800	
Exposed Concrete	5%	Now	$40,200	LIFE	* *	5	$1,000	
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Reinforcing Bars At Beam In Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ceiling And Beams At North Side Of Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Beam In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Ceiling And Beams At North Side Of Basement								
Exposed Concrete	60%			LIFE	* *	5	$11,700	
Plaster	10%			LIFE	* *	5	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	100%			2023	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Toggle Switch	3%	2-4	$5,400	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	87%			2022	$156,100	5	$2,000	
Wiring								
Thermoplastic	100%			2023	$255,500	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$79,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2018	$19,600	2		
Egress Lighting								
Emergency, Battery	30%			2018	$35,800	10	$6,400	
Emergency, Battery	20%			2028	* *	10	$4,300	
Exit, Service	10%			2028	* *	1		
Exit, Service	40%			2018	$9,500	1		
Exterior Lighting								
HID	100%			2023	$334,000	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$274,800	1-3	$16,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Campus Steam	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hillcrest High School								
Explanation : Supplied From Adjacent High School								
Distribution								
Steam Piping/Pump	100%	Now	$61,700	2033	* *	4	$4,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Controls								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pumps - Basement Level								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	25%	Now	$6,000	2023	$119,200	1	$12,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Heating Coils In Air Handlers								
Convector/Radiator	75%	Now	$12,500	2028	* *	1	$19,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats Throughout								
Air Conditioning								
Energy Source								
District C.W.	5%	Now	$100	2033	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Not In Service Due To Control Valve Leakage								
Electricity	95%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$109,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,300	
Exhaust Fans								
Interior	10%			2023	$9,800	2	$300	
Roof	90%			2023	$63,300	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - Q

Asset # : 2766

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 87 - M**		
Address	: **160 WEST 78 STREET @ AMSTERDAM AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M087**
Program / Asset #	: **BOE0051.000 / 1685**	**Yr Built/Renovated**	: **1955 / 2006**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jan-2014**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Floors 1,3**		
Block	: **1149** **Lot** : **7**	**BIN**	: **1030196**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$829,900	$477,500
Interior Architecture	$1,414,700	
Electrical	$604,400	$374,700
Mechanical	$192,700	$1,575,700
Total	**$3,041,700**	**$2,427,900**
Importance Code A	$829,900	$1,003,400
Importance Code B	$2,211,800	$1,424,500
Total	**$3,041,700**	**$2,427,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,800			
Interior Architecture		$43,000	$6,900	$24,800
Electrical	$1,000	$300	$100	$16,400
Mechanical	$17,400	$12,400	$19,900	$60,500
Total	**$26,200**	**$55,600**	**$26,900**	**$101,700**
Importance Code A	$16,900	$9,000	$9,000	$9,200
Importance Code B	$9,400	$46,600	$14,400	$92,500
Importance Code C			$3,400	
Total	**$26,200**	**$55,600**	**$26,900**	**$101,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$70,600	
Masonry: Limestone	3%			LIFE	* *	5	$1,900	
Granite Panels	12%			LIFE	* *	5	$7,500	
Windows								
Aluminum	45%			2041	* *	5	$13,900	
Aluminum	45%	Now	$637,200	2050	* *	5	$7,000	
Air Infiltration, Extent : Light, Area Affected : 50% *Location : Throughout* *Broken/Missing Elements, Extent : Moderate, Area Affected : 20%* *Location : Throughout*								
Aluminum	10%			2041	* *	5	$3,100	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$4,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Rail	70%			2038	* *	5-10	$221,900	
Roof								
Built-Up (BUR)	60%			2030	* *	10	$58,000	
Copper/Terne	2%	Now	$1,400	2053	* *			
Water Penetration, Extent : Light, Area Affected : 15% *Location : Throughout*								
IRMA/Protected Membrane	38%	Now	$6,400	2025	$319,700			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 2% *Location : Over Room 219* *Vegetation Growth, Extent : Light, Area Affected : 1%* *Location : Over Kindergarden Classrooms* *Water Penetration, Extent : Light, Area Affected : 2%* *Location : Throughout*								
Interior								
Floors								
Carpet	5%			2024	$95,300	3	$10,200	
Cast in Place Concrete	5%			LIFE	* *	5	$14,900	
Ceramic Tile	5%			2034	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile 9" X 9"	70%	0-2	$115,100	2020	$1,151,000	3	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10% *Location : Throughout*								
Wood	10%			2040	* *	5	$25,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$6,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,800	
Plaster	40%			LIFE	* *	5	$16,500	
SGFT/Glazed Masonry	45%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%			2038	* *	5	$47,500	
AcousTileConcealSpLn	17%			2038	* *	5	$28,800	
AcousTileSusp.Lay-In	2%			2038	* *	5	$2,700	
Metal Panel	6%	Now	$148,600	LIFE	* *	5	$10,200	
Bent/Warped Elements, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Plaster	40%			LIFE	* *	5	$33,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$28,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$12,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2025	$169,700	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$19,600	5	$200	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	85%			2047	* *	5	$2,000	
Wiring								
Braided Cloth	85%	2-4	$237,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$82,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2035	* *	10	$73,700	
T-8 Lamps, Extent : Moderate, Area Affected : 88%								
Location : Throughout The Building								
Fluorescent	10%			2035	* *	10	$8,400	
T-5 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Basement								
HID	2%			2020	$15,900	10	$100	
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$367,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$28,300	
Conversion Equipment								
Steam Boiler	100%			2023	$485,500	1	$90,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$69,600	2035	* *	4	$4,500	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Traps, Throughout								
Terminal Devices								
Air Handler	10%			2025	$53,800	1	$5,700	
Convector/Radiator	90%			2023	$847,800	1	$26,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$123,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - M

Asset # : 1685

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2025	$99,200	2	$2,500	
Roof	10%			2020	$7,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$89,400	1		
Water Heater								
Electric	100%			2024	$15,500	4	$500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 2 Units, Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2025	$30,900	4	$13,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$12,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2020	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 87 - Q**		
Address	**: 67-54 80 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q087**
Program / Asset #	**: BOE0738.000 / 1605**	**Yr Built/Renovated**	**: 1906 / 2013**
Area Sq Ft	**: 84,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 13-Mar-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 3782 Lot : 27**	**BIN**	**: 4091737**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$243,600
Interior Architecture	$278,200	$488,300
Electrical	$875,000	$348,900
Mechanical	$88,800	
Total	**$1,242,000**	**$1,080,900**
Importance Code A		$243,600
Importance Code B	$1,242,000	$837,300
Total	**$1,242,000**	**$1,080,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,300			$12,400
Interior Architecture	$4,900	$4,900	$6,500	$24,600
Electrical	$1,400	$1,000	$1,600	$10,800
Mechanical	$34,600	$13,800	$16,100	$12,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$59,100**	**$23,700**	**$28,200**	**$64,600**
Importance Code A	$21,600	$7,300	$7,300	$19,700
Importance Code B	$37,500	$16,400	$20,900	$40,900
Importance Code C				$4,000
Total	**$59,100**	**$23,700**	**$28,200**	**$64,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$107,200	
Masonry: Brick	65%			LIFE	* *	5	$89,200	
Masonry: Brick Cavity	20%			LIFE	* *	5	$27,400	
Recent Construction, Extent : Light, Area Affected : 100% *Location : New 2013 Addition*								
Masonry: Limestone	5%			LIFE	* *	5	$5,100	
Windows								
Aluminum	70%			2047	* *	5	$28,600	
Aluminum	30%			2050	* *	5	$12,300	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$18,200	
Masonry: Brick Cavity	70%			LIFE	* *	5	$12,300	
Masonry: Brick Cavity	10%			LIFE	* *	5	$1,800	
Metal Rail	5%			2045	* *	5-10	$15,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
Built-Up (BUR)	70%			2033	* *	10	$47,200	
IRMA/Protected Membrane	30%			2035	* *	10	$20,200	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : New 2013 Addition*								
Interior								
Floors								
Ceramic Tile	5%	Now	$37,600	2028	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Girls Restroom In Basement*								
Quarry Tile	5%			2038	* *	5	$9,700	
Traffic Topping	15%	Now	$240,600	2035	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Basement, Cafeteria* *Worn/Eroded, Extent : Moderate, Area Affected : 25%* *Location : Cafeteria, Basement*								
Vinyl Tile	40%			2025	$439,800	3	$19,400	
Vinyl Tile	30%			2035	* *	3	$19,400	
Wood	5%			2040	* *	5	$12,100	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$8,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$9,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$31,400	
SGFT/Glazed Masonry	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%			2045	* *	5	$19,400	
Exposed Concrete	10%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$8,100	
Plaster	60%			LIFE	* *	5	$48,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$85,500	5	$200	
Fused Disc Sw	50%			2051	* *	5	$200	
Raceway								
Conduit	70%			2025	$120,800	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	60%			2024	$107,600	5	$1,300	
Molded Case Bkrs	30%			2047	* *	5	$700	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	* *	5	$400	
Locally Mounted	30%			2042	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	67%			2020	$643,000	10	$53,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2033	* *	10	$23,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Incandescent	1%			2020	$9,600	2		
Egress Lighting								
Emergency, Battery	30%			2025	$35,000	10	$6,300	
Emergency, Battery	20%			2033	* *	10	$4,200	
Exit, Service	50%			2025	$11,700	1		
Exterior Lighting								
HID	100%			2033	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Horns, Alarm Bells, Strobe Lights And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2051	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	30%			2042	* *	1	$12,800	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Penthouse								
Explanation : 2 Recent Installed Units								
Steam Boiler	70%			2038	* *	1	$59,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2047	* *	4	$1,300	
Steam Piping/Pump	70%	Now	$21,100	2045	* *	4	$3,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2033	* *	1	$10,700	
Convector/Radiator	70%			2030	* *	1	$19,500	
Convector/Radiator	10%			2042	* *	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	* *	2	$1,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 2 Newly Installed Units Using R-410c Refrigerant								
Window/Wall Unit	50%			2020	$88,800	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$14,500	
No Component	70%							
Exhaust Fans								
Roof	30%			2033	* *	2	$800	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Brass/Copper	30%			2051	* *	1		
Water Heater								
Electric	100%			2024	$13,400	4	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : This Is A Temporary Unit - A New Gas Unit Installation Is In Progress								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - Q

Asset # : 1605

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Newly Installed Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 New Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2051	* *	1-5	$13,100	
Sprinkler								
No Component	70%							
Generic	30%			2051	* *	1-2	$7,300	
Fire Pump								
No Component	70%							
Generic	30%			2040	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : The New Fire Pump Has Not Yet Been Signed Off								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 88 - Q**				
Address	: **60-85 CATALPA AVENUE @FRESH POND ROAD**				
Borough	: **QUEENS**		**Agency's Number**	: **Q088**	
Program / Asset #	: **BOE0739.000 / 1606**		**Yr Built/Renovated**	: **1908 / 2006**	
Area Sq Ft	: **57,718**		**Project Type**	: **EDUCATION**	
Date of Survey	: **17-Dec-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,4**				
Block	: **3534**	**Lot** : **12**	**BIN**	: **4085173**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$323,100	$149,200
Interior Architecture	$164,700	$501,400
Electrical	$691,000	$660,300
Mechanical	$40,300	$362,600
Total	**$1,219,100**	**$1,673,600**
Importance Code A	$323,100	$149,200
Importance Code B	$896,000	$1,524,300
Total	**$1,219,100**	**$1,673,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$27,200	$12,400
Interior Architecture	$41,100	$6,600	$12,300	
Electrical	$16,200	$6,200	$53,500	$5,300
Mechanical	$21,200	$22,100	$40,300	$25,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$86,400**	**$42,900**	**$141,300**	**$50,900**
Importance Code A	$5,700	$5,700	$33,100	$18,100
Importance Code B	$48,500	$37,200	$108,200	$32,800
Importance Code C	$32,100			
Total	**$86,400**	**$42,900**	**$141,300**	**$50,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$43,200	LIFE	* *	5	$23,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Over 4th Floor Window At East Side								
Masonry: Brick	35%			LIFE	* *	5	$21,400	
Masonry: Brick	40%	Now	$221,200	LIFE	* *	5	$24,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout Front And Back Facades Of Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Front And Back Facades Of Old Wing								
Masonry: Granite	5%			LIFE	* *	5	$2,300	
Masonry: Limestone	5%			LIFE	* *	5	$2,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,900	
Stucco Cement	5%			2029	* *	5	$7,600	
Windows								
Aluminum	95%			2040	* *	5	$24,800	
Glass Block	5%			LIFE	* *	5	$800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,900	
Masonry: Brick	30%			LIFE	* *	5	$3,000	
Masonry: Brick	50%	Now	$58,600	LIFE	* *	5	$5,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Old Wing								
Metal Rail	5%			2029	* *	5-10	$9,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,200	
Roof								
Built-Up (BUR)	55%			2029	* *	10	$17,800	
IRMA/Protected Membrane	40%			2024	$103,400	10	$13,000	
Single Ply Membrane	5%			2024	$5,500	10	$1,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,300	
Ceramic Tile	5%			2027	* *	5	$3,800	
Vinyl Tile	70%			2024	$451,800	3	$19,900	
Vinyl Tile	10%			2019	$64,500	3	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing								
Explanation : 9x9 Tiles								
Wood	10%	Now	$100,200	2052	* *	5	$7,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : 3rd Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$4,200	
Concrete Masonry Unit	30%			LIFE	* *	5	$10,000	
Gypsum Board	5%			LIFE	* *	5	$2,500	
Plaster	45%	Now	$30,100	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 2nd - 5th Floor Classrooms Of Old Wing								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : 2nd - 5th Floor Classrooms Of Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd - 5th Floor Classrooms Of Old Wing								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%	4+	$7,100	2029	* *	5	$1,900	
Loose/Delam Surface, Extent : Light, Area Affected : 15%								
Location : Cafeteria, Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Kitchen								
AcousTileSusp.Lay-In	30%			2029	* *	5	$22,800	
Fiber Board	10%			2024	$49,600			
Gypsum Board	15%			LIFE	* *	5	$14,200	
Plaster	40%			LIFE	* *	5	$19,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2034	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2034	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$200	
Raceway								
Conduit	30%			2034	* *	1		
Conduit	70%			2024	$86,700	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	30%			2032	* *	5	$500	
Molded Case Bkrs	55%			2023	$57,600	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	30%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$17,800	
Generators								
Diesel	100%			2027	* *	1	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room - Basement								
Explanation : One 250 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$12,900	
Fuel Storage								
Day Tank	50%			2032	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 50 Gals								
Main Tank	50%			2039	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fuel Storage Room - Basement								
Explanation : One 550 Gals								
Lighting								
Interior Lighting								
Fluorescent	65%			2019	$416,700	10	$34,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	30%			2024	$192,300	10	$15,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	3%			2024	$19,200	10	$1,600	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Incandescent	2%			2019	$12,800	2		
Egress Lighting								
Emergency, Service	50%			2024	$14,200	1		
Exit, Service	50%			2024	$7,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	70%			2019	$152,600	10	$100	
HID	30%			2024	$65,400	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	$239,100	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$57,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	50%			2044	* *	4	$1,400	
Steam Piping/Pump	40%			2024	$161,200	4	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing, Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	10%	0-2	$40,300	2054	* *	4	$300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout Old Wing Of The Building, Defective Steam Traps								
Terminal Devices								
Air Handler	20%			2029	* *	1	$7,100	
Convector/Radiator	20%			2037	* *	1	$3,700	
Convector/Radiator	60%			2029	* *	1	$11,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2024	$98,000	1	$13,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Window/Wall Unit	5%	0-2	$600	2019	$5,900	1		
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Deficiencies								
No Component	45%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	50%	Now	$1,600	2044	* *	4	$1,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Level, Leaky Pipe Flanges								
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2029	* *	1	$17,900	
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%			2024	$31,700	2	$20,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,200	
Exhaust Fans								
Interior	40%			2029	* *	2	$700	
Roof	60%			2029	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2044	* *	1		
Galv Iron/Steel	60%			2022	$103,400	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Old Wing, The Domestic Hot And Cold Water Piping Are Beyond Their Useful Life Cycle Limit								
Water Heater								
Gas Fired	100%			2022	$13,400	2	$800	
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing, The Sanitary Piping Is Beyond Its Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing, The Storm Piping Is Beyond Its Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$3,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - Q

Asset # : 1606

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-4								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$30,200	
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$4,800	
Fire Pump								
Generic	100%			2033	* *	1	$10,800	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 89 - Q**				
Address	: **85-28 BRITTON AVENUE @HAMPTON ST.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q089**
Program / Asset #	: **BOE0740.000 / 1607**			**Yr Built/Renovated**	: **1906 / 1999**
Area Sq Ft	: **82,113**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **1514**	**Lot**	: **1**	**BIN**	: **4037370**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$516,000	$210,300
Interior Architecture	$263,600	$500,900
Electrical	$203,100	$917,600
Mechanical		$520,600
Total	**$982,700**	**$2,149,500**
Importance Code A	$516,000	$210,300
Importance Code B	$412,100	$1,745,900
Importance Code C	$54,600	$193,300
Total	**$982,700**	**$2,149,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$19,100		
Interior Architecture	$6,900	$20,400	$4,600	$3,800
Electrical	$12,000	$10,100	$8,000	$8,500
Mechanical	$38,800	$44,100	$27,900	$16,200
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$69,500**	**$105,500**	**$52,400**	**$40,400**
Importance Code A	$8,100	$27,400	$8,100	$8,100
Importance Code B	$61,400	$78,200	$44,300	$32,200
Importance Code C				
Total	**$69,500**	**$105,500**	**$52,400**	**$40,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,900	
Masonry: Brick	50%	Now	$161,900	LIFE	* *	5	$53,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1906 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Brick	25%			LIFE	* *	5	$26,800	
Masonry: Limestone	5%			LIFE	* *	5	$4,000	
Metal Panel	2%			2043	* *	5-10	$14,800	
Pre-Cast Concrete	8%			LIFE	* *	5	$27,900	
Stucco Cement	5%			2028	* *	5	$13,400	
Windows								
Aluminum	95%	Now	$289,200	2039	* *	5	$17,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,400	
Masonry: Brick	55%			LIFE	* *	5	$4,500	
Masonry: Limestone	15%			LIFE	* *	5	$1,600	
Metal Panel	3%			2043	* *	5	$1,000	
Metal Rail	10%			2036	* *	5-10	$14,900	
Pre-Cast Concrete	7%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	45%	Now	$64,900	2033	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Fourth Floor Of 1906 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 423, 429 And Various Others In 1906 Wing								
Copper/Terne	5%			2051	* *	10	$3,900	
IRMA/Protected Membrane	35%			2023	$87,900	10	$11,000	
Traffic Topping	15%			2028	* *	10	$7,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Ceramic Tile	5%			2032	* *	5	$6,100	
Vinyl Tile	30%			2028	* *	3	$13,800	
Vinyl Tile	25%			2023	$261,300	3	$15,400	
Vinyl Tile	20%			2018	$209,000	3	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors In 1906 Wing								
Explanation : 9x9 Tiles								
Wood	15%			2038	* *	5	$34,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$193,300	5	$7,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$8,400	
Masonry: Brick	5%	Now	$54,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Plaster	50%			LIFE	* *	5	$21,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2036	* *	5	$23,200	
AcousTileSusp.Lay-In	25%			2036	* *	5	$30,900	
Plaster	60%			LIFE	* *	5	$46,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Of 1906 Wing								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated @ 2-1200 Amperes And 1-2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2033	* *	5	$200	
Fused Disc Sw	30%			2023	$51,300	5	$100	
Raceway								
Conduit	70%			2023	$120,800	1		
Conduit	30%			2033	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5	$100	
Molded Case Bkrs	45%			2022	$80,700	5	$1,000	
Molded Case Bkrs	50%			2031	* *	5	$1,100	
Wiring								
Braided Cloth	50%	2-4	$127,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$37,800	5	$300	
Motor Control Center	50%			2028	* *	5	$1,100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$25,300	
Generators								
Diesel	100%			2026	$121,400	1	$31,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 188 Kva Kohler Generator								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,000	
Fuel Storage								
Main Tank	100%			2038	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$75,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	25%			2028	* *	1		
Exit, Service	75%			2028	* *	1		
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	$175,900	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper And Steel								
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$74,500	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System And Intrusio Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$255,100	1-3	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$81,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2039	* *	4	$1,600	
Steam Piping/Pump	60%	Now	$17,200	2033	* *	4	$2,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Explanation : Lack Of Control. Thermostats And Pneumatic Valves Are Malfunctioning								
Terminal Devices								
Air Handler	40%			2023	$177,100	1	$20,300	
Convector/Radiator	60%			2028	* *	1	$15,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2023	$111,500	1	$15,200	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Roof								
Window/Wall Unit	10%			2018	$16,900	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2033	* *	4	$2,400	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2023	$69,800	1	$20,300	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2023	$32,800	2	$22,900	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,800	
Exhaust Fans								
Roof	100%			2023	$65,300	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$49,000	1		
Water Heater								
Gas Fired	100%			2021	$19,100	2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - Q

Asset # : 1607

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : C, B ,1, 2, 3, 4								
Explanation : Two Passenger Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : C, B, 1								
Explanation : One Freight Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$47,900	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 9 - BX MINISCHOOL**		
Address	: **E. 183RD ST. & RYER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X009**
Program / Asset #	: **BOE0162.010 / 13449**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **6,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3150** **Lot** : **10**	**BIN**	: **2013561**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,300			$700
Interior Architecture	$12,000			$1,100
Electrical	$200	$200	$5,900	$300
Mechanical	$700	$300	$1,900	$300
Total	**$32,200**	**$500**	**$7,800**	**$2,400**
Importance Code A	$19,600	$300	$400	$1,000
Importance Code B	$12,500	$200	$7,400	$1,400
Importance Code C				
Total	**$32,200**	**$500**	**$7,800**	**$2,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX MINISCHOOL

Asset # : 13449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$6,800	2044	* *	5	$17,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 15%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$1,400	
Roof								
Single Ply Membrane	100%	Now	$12,600	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Vinyl Tile	100%	2-4	$7,800	2029	* *	3	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	$4,800	
Ceilings								
AcousTileSusp.Lay-In	95%			2037	* *	5	$8,400	
Gypsum Board	5%			LIFE	* *	5	$600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$200	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX MINISCHOOL

Asset # : 13449

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$4,100	10	$700	
Exit, Service	50%			2024	$800	1		
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$3,600	1	$500	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	$24,900	1-3	$1,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit For Each Classroom								
Explanation : 10 Electric Units - Part Of A C Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$300	2025	$3,300	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 10 Internal Package Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit In Each Classroom								
Explanation : 10 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,400	
Exhaust Fans								
Interior	100%			2029	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX MINISCHOOL

Asset # : 13449

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2019	$900	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 9 - BX (OL 115)**		
Address	: **E. 183RD ST. & RYER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X009**
Program / Asset #	: **BOE0162.000 / 530**	**Yr Built/Renovated**	: **1938 / 2007**
Area Sq Ft	: **154,321**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3150** **Lot** : **10**	**BIN**	: **2013561**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$131,300	$142,600
Interior Architecture	$1,095,900	$283,500
Electrical	$401,300	$2,067,300
Mechanical	$2,110,500	$739,300
Total	**$3,739,000**	**$3,232,600**
Importance Code A	$901,900	$142,600
Importance Code B	$2,837,000	$3,047,000
Importance Code C		$42,900
Total	**$3,739,000**	**$3,232,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,000			$28,600
Interior Architecture	$35,100			$11,800
Electrical	$3,800	$1,700	$3,100	$1,700
Mechanical	$36,900	$32,000	$36,700	$24,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$90,700**	**$37,700**	**$43,700**	**$70,300**
Importance Code A	$11,000	$15,700	$16,000	$44,300
Importance Code B	$73,700	$22,000	$27,700	$26,000
Importance Code C	$6,000			
Total	**$90,700**	**$37,700**	**$43,700**	**$70,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$142,600	
Masonry: Granite	5%			LIFE	* *	5	$6,100	
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Metal, Corrugated	2%			2044	* *	1		
Windows								
Aluminum	100%			2040	* *	5	$57,200	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$15,800	
Masonry: Limestone	25%			LIFE	* *	5	$7,700	
Metal: Cage/Fence	10%			2037	* *	5-10	$18,800	
Roof								
Built-Up (BUR)	98%			2029	* *	10	$131,300	
Copper/Terne	2%			2052	* *	10	$6,700	
Interior								
Floors								
Ceramic Tile	6%			2027	* *	5	$14,200	
Marble Panels	2%			LIFE	* *	5	$3,600	
Terrazzo	2%	Now	$22,000	LIFE	* *	5	$3,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Rear Exit Vestibule								
Vinyl Tile	40%	Now	$40,300	2019	$805,900	3	$35,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout All 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Wood	50%	2-4	$195,400	2039	* *	5	$111,100	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$11,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$42,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
Exposed Concrete	12%			LIFE	* *	5	$4,400	
Plaster	88%	Now	$54,400	LIFE	* *	5	$129,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 0%								
Location : Electrical Room								
Explanation : Main 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$700	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$400	
Molded Case Bkrs	90%			2032	* *	5	$3,700	
Wiring								
Braided Cloth	30%	2-4	$104,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2034	* *	1		
Motor Controllers								
Locally Mounted	60%	2-4	$69,100	2044	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Locally Mounted	40%			2029	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2024	$1,670,500	10	$137,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Incandescent	5%			2019	$87,900	2	$200	
Egress Lighting								
Emergency, Service	50%			2024	$38,900	1		
Exit, Service	50%			2024	$21,400	1		
Exterior Lighting								
HID	100%			2029	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$140,100	1	$17,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Under Construction	30%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	2-4	$389,900	2054	* *	5	$24,500	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Oil Transfer Pump								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Upgrade To Dual System Is Recommended								
Conversion Equipment								
Steam Boiler	100%	0-2	$770,600	2044	* *	1	$141,100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$221,100	2044	* *	4	$7,800	
Broken, Extent : Severe, Area Affected : 5%								
Location : Vaccum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Terminal Devices								
Air Handler	50%			2019	$426,800	1	$49,000	
Convector/Radiator	40%			2022	$598,100	1	$20,500	
Fan Coil Unit/Heat	10%			2019	$237,000	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$65,100	2024	$65,100	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - BX (OL 115)

Asset # : 530

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$17,500	2029	* *	2	$3,900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : House Exhaust Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2034	* *	1		
Galv Iron/Steel	25%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$36,800	2	$2,300	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$23,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement - When There Is Heavy Rain								
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2029	* *	4	$1,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Sump Pump Pit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar: 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$4,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 9 - SI**				
Address	: **1075 TARGEE STREET @ VENICE AVE.**				
Borough	: **STATEN ISLAND**			**Agency's Number**	: **N/A**
Program / Asset #	: **BOE0933.000 / 1439**			**Yr Built/Renovated**	: **1931 / 2008**
Area Sq Ft	: **33,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3171**	**Lot**	: **161**	**BIN**	: **5046430**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$242,300	$49,100
Electrical	$136,700	$261,000
Mechanical	$36,500	$495,400
Total	**$415,600**	**$805,500**
Importance Code A		$164,800
Importance Code B	$415,600	$640,700
Total	**$415,600**	**$805,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$34,700	$5,700	
Interior Architecture	$63,700	$14,600		$3,500
Electrical	$31,000	$5,300	$800	$800
Mechanical	$22,200	$21,400	$8,300	$4,800
Total	**$116,900**	**$76,000**	**$14,800**	**$9,000**
Importance Code A	$3,300	$38,200	$9,100	$3,400
Importance Code B	$59,900	$37,800	$5,800	$5,700
Importance Code C	$53,700			
Total	**$116,900**	**$76,000**	**$14,800**	**$9,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI

Asset # : 1439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$7,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	65%			LIFE	* *	5	$20,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$11,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,000	
Masonry: Brick	90%			LIFE	* *	5	$5,900	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$34,000	
Copper/Terne	3%			2051	* *	10	$2,700	
Single Ply Membrane	2%			2028	* *	10	$700	
Interior								
Floors								
Ceramic Tile	5%	Now	$4,900	2026	$49,100	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$2,000	
Vinyl Tile	20%	Now	$86,200	2033	* *	3	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Principal And General Offices								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Corridors In 1931 Wing 9x9 Tiles								
Vinyl Tile	35%	Now	$7,500	2028	* *	3	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%			2033	* *	3	$1,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	30%			2038	* *	5	$28,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI

Asset # : 1439

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$8,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	10%	Now	$14,100	2032	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$26,600	LIFE	* *	5	$9,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	Now	$4,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	Now	$5,100	2028	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$148,600	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$8,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$92,900	5	$100	
Fused Disc Sw	5%			2049	* *	5		
Raceway								
Conduit	85%			2023	$44,700	1		
Conduit	10%			2043	* *	1		
Conduit	5%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI

Asset # : 1439

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$7,500	5	$100	
Molded Case Bkrs	75%			2022	$56,100	5	$700	
Molded Case Bkrs	10%			2039	* *	5	$100	
Molded Case Bkrs	5%			2045	* *	5		
Wiring								
Braided Cloth	45%	2-4	$29,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2023	$26,600	1		
Thermoplastic	10%			2043	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$40,800	5	$200	
Motor Control Center	10%			2021	$100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$31,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$4,100	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$136,700	1-3	$8,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI

Asset # : 1439

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$3,300	2021	$164,800	1	$30,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,800	2033	* *	4	$1,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2018	$36,500	1	$4,200	
Convector/Radiator	60%	Now	$3,800	2021	$191,800	1	$5,900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Multi Locations								
Fan Coil Unit/Heat	20%			2023	$101,400	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2018	$3,500	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,900	
Exhaust Fans								
Interior	100%			2023	$37,400	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$7,900	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 50 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Backs-up When It Rains								
Explanation : Roof								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 9 - SI

Asset # : 1439

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 90 - BK**		
Address	**: 2840 WEST 12 STREET BTWN: SURF AVE., NEPTUNE AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K090**
Program / Asset #	**: BOE0403.000 / 1397**	**Yr Built/Renovated**	**: 1965 / 2015**
Area Sq Ft	**: 74,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 09-Mar-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 7266 Lot : 40**	**BIN**	**: 3196558**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$229,200	$107,400
Interior Architecture	$780,200	$37,300
Electrical		$556,800
Mechanical		$1,566,800
Total	**$1,009,400**	**$2,268,300**
Importance Code A	$229,200	$144,400
Importance Code B	$780,200	$2,123,800
Total	**$1,009,400**	**$2,268,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,300			
Interior Architecture	$86,000		$11,400	$8,100
Electrical	$2,100	$800	$1,200	$1,600
Mechanical	$35,100	$4,900	$40,800	$9,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,500**	**$9,700**	**$57,300**	**$23,500**
Importance Code A	$50,300			
Importance Code B	$77,100	$9,700	$55,800	$23,500
Importance Code C	$50,100		$1,500	
Total	**$177,500**	**$9,700**	**$57,300**	**$23,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$113,900	
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$20,600	
Windows								
Aluminum	100%	Now	$119,000	2042	* *	5	$7,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Various Areas Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Copper/Terne	2%			2046	* *	5	$1,000	
Masonry: Brick Cavity	88%			LIFE	* *	5-10	$62,300	
Masonry: Limestone	10%			LIFE	* *	5-10	$12,600	
Roof								
Built-Up (BUR)	67%			2031	* *	10	$50,500	
Copper/Terne	3%			2041	* *	10	$5,700	
Modified Bitumen	30%	Now	$26,300	2031	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$11,900	LIFE	* *	5	$25,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage Areas								
Ceramic Tile	3%			2039	* *	5	$3,400	
Terrazzo	5%			LIFE	* *	5	$8,900	
Vinyl Tile	20%			2031	* *	3	$8,600	
Vinyl Tile 9" X 9"	57%	0-2	$717,800	2036	* *	3	$24,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms 303, 305 And Various Others								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%			2054	* *	5	$10,700	
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$3,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$12,100	
Plaster	50%			LIFE	* *	5-10	$43,000	
SGFT/Glazed Masonry	32%			LIFE	* *	10	$16,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$28,600	
AcousTileConcealSpLn	5%			2031	* *	5	$7,100	
Exposed Concrete	50%			LIFE	* *	5-10	$71,400	
Fiber Board	5%			2026	$37,300			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$14,300	
Plaster	10%			LIFE	* *	5-10	$19,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	20%			2052	* *	5	$400	
Under Construction	80%							
Raceway								
Conduit	90%			2026	$111,500	1		
Under Construction	10%							
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	80%			2025	$107,600	5	$1,600	
Under Construction	10%							
Wiring								
Thermoplastic	90%			2026	$156,500	1		
Under Construction	10%							
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$68,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$9,200	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Some Classrooms								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Boiler Room Is Under Construction, 1 Temporary Steam Boiler Being Used.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Boiler Room Is Under Construction, 1 Temporary Steam Boiler Being Used.								
Distribution								
Steam Piping/Pump	100%			2026	$533,300	4	$5,600	
Terminal Devices								
Air Handler	20%			2021	$82,400	1	$9,500	
Convector/Radiator	70%			2024	$505,000	1	$17,300	
Fan Coil Unit/Heat	10%			2021	$114,400	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$31,400	1		
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BK

Asset # : 1397

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,400	
Exhaust Fans								
Interior	70%	Now	$3,000	2026	$59,100	2	$1,300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Auditorium Fan Room								
Roof	30%			2021	$18,200	2	$700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$228,100	1		
Sanitary Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Basement, House Trap								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Temporary Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$44,600	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 90 - Q**		
Address	**: 86-50 109 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q090**
Program / Asset #	**: BOE0741.000 / 1609**	**Yr Built/Renovated**	**: 1909 / 2012**
Area Sq Ft	**: 80,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 06-Feb-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 9204 Lot : 28**	**BIN**	**: 4192167**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$900,500	$168,600
Interior Architecture	$705,500	$757,700
Electrical	$1,314,400	$316,000
Mechanical	$298,500	$1,418,200
Total	**$3,218,800**	**$2,660,400**
Importance Code A	$900,500	$168,600
Importance Code B	$2,103,600	$2,491,800
Importance Code C	$214,800	
Total	**$3,218,800**	**$2,660,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,400			
Interior Architecture			$13,900	$10,000
Electrical	$300	$800	$200	$300
Mechanical	$92,100	$11,800	$18,900	$12,300
Total	**$96,800**	**$12,700**	**$33,000**	**$22,600**
Importance Code A	$12,600	$8,100	$8,100	$8,300
Importance Code B	$84,200	$4,500	$24,900	$14,300
Importance Code C				
Total	**$96,800**	**$12,700**	**$33,000**	**$22,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,300	
Copper/Terne	2%			2044	* *	10	$6,800	
Masonry: Brick	78%	Now	$677,800	LIFE	* *	5	$112,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Facade Along Jamaica Ave								
Recent Repair Evident, Extent : Light, Area Affected : 75%								
Location : Repointing Along 3 Facades, 2012								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Facade Along Jamaica Ave								
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Masonry: Limestone	10%			LIFE	* *	5	$10,800	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Throughout, 2012								
Windows								
Aluminum	100%	Now	$173,800	2040	* *	5	$20,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	92%			LIFE	* *	5	$12,400	
Recent Repair Evident, Extent : Light, Area Affected : 75%								
Location : Throughout, 2012								
Metal Rail	3%			2037	* *	5-10	$7,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$48,800	
Copper/Terne	5%			2052	* *	10	$6,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,500	
Ceramic Tile	5%	Now	$35,800	2027	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Bathrooms								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout Bathrooms								
Vinyl Tile	65%	0-2	$136,100	2024	$680,700	3	$30,000	
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Auditorium								
Poor Subfloor Evident, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria, Auditorium								
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Various Classrooms, 2012								
Vinyl Tile	15%			2019	$157,100	3	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 101, Various Offices								
Explanation : 9x9 Tiles								
Wood	10%			2039	* *	5	$23,100	
Interior Walls								
Ceramic Tile	40%	Now	$169,300	2027	* *	5	$30,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Various Bathrooms Throughout								
Glass: Single Pane	3%			LIFE	* *	5	$3,500	
Masonry: Brick	20%			LIFE	* *			
Plaster	37%	Now	$45,500	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stair 3 And 4								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations On Second And Third Floor								
Ceilings								
Plaster	100%	4+	$161,700	LIFE	* *	5	$77,000	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Explanation : Repainting Of Ceiling Was Never Finished								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	20%			2046	* *	5	$400	
Molded Case Bkrs	70%			2023	$94,200	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floor								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$822,600	10	$67,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2032	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2024	$20,200	1		
Exit, Service	50%			2024	$11,100	1		
Exterior Lighting								
HID	100%			2019	$302,100	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$81,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	20%			2044	* *	4	$800	
Steam Piping/Pump	80%	0-2	$23,000	2024	$459,600	4	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Vaccuum Pumping System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond Boiler Room, Steam And Condensate Return Piping Is Beyond Useful Life Cycle Limit								
Terminal Devices								
Air Handler	20%			2019	$88,700	1	$10,200	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement Fan Room, House Blower Is Beyond It's Useful Life Cycle Limit								
Convector/Radiator	80%	Now	$31,100	2022	$621,800	1	$19,100	
Cracked, Extent : Severe, Area Affected : 10%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$67,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$142,000	LIFE	* *	2-5	$45,900	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - Q

Asset # : 1609

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$18,200	2024	$91,000	2	$2,000	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$245,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Domestic Hot And Cold Water Piping Is Beyond Useful Life Cycle Limit								
Water Heater								
Gas Fired	100%	Now	$400	2022	$19,100	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Mixing Valve								
Sanitary Piping								
Cast Iron	100%	Now	$8,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations, Deteriorating Sanitary Piping								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Is Beyond Useful Life Cycle Limit								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Is Beyond Useful Life Cycle Limit								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room, 1 Of 2 Defective Pumps								
Backflow Preventer								
Generic	100%			2029	* *	1	$4,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2034	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 91 - BK MINISCHOOL**
Address : **532 ALBANY AVENUE BTWN: EAST NEW YORK AVE., MAPLE**
Borough : **BROOKLYN**
Agency's Number : **K891**
Program / Asset # : **BOE0404.010 / 1399**
Yr Built/Renovated : **1971 / 2003**
Area Sq Ft : **10,620**
Project Type : **EDUCATION**
Date of Survey : **02-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **4794** **Lot** : **26** **BIN** : **3106599**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$37,300	$189,900
Electrical		$175,000
Mechanical	$139,100	
Total	**$176,400**	**$364,800**
Importance Code A	$37,300	$189,900
Importance Code B	$139,100	$175,000
Total	**$176,400**	**$364,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$1,300
Interior Architecture	$38,600			$2,300
Electrical	$100	$100	$200	$100
Mechanical	$18,500	$500	$1,600	$500
Total	**$57,200**	**$600**	**$1,800**	**$4,200**
Importance Code A	$13,200	$500	$500	$1,800
Importance Code B	$37,800	$100	$1,300	$2,400
Importance Code C	$6,200			
Total	**$57,200**	**$600**	**$1,800**	**$4,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BK MINISCHOOL

Asset # : 1399

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2046	* *	5-10	$114,400	
Windows								
Aluminum	100%			2025	$106,600	5	$2,500	
Roof								
Metal Panel	100%	0-2	$37,300	2039	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$800	
Vinyl Tile	95%	2-4	$26,100	2031	* *	3	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	$4,000	
Metal Panel	65%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$6,300	2031	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	30%			2034	* *	5	$100	
Molded Case Bkrs	70%			2034	* *	5	$200	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BK MINISCHOOL

Asset # : 1399

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$120,000	10	$9,900	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2026	$2,700	1		
Exit, Service	50%			2026	$1,500	1		
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$800	
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2021	$55,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$13,200	2036	* *	1	$4,800	
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Mechanical Equipment Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Obsolete Units								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	0-2	$139,100	2031	* *	2	$500	
Noisy/Vibrating, Extent : Severe, Area Affected : 100%								
Location : Mechanical Equipment Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Obsolete Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BK MINISCHOOL

Asset # : 1399

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2021	$10,700	2	$300	
Roof	10%			2021	$900	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%	0-2	$1,700	2026	$1,700	4	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Hot Water Heater Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 91 - BK THE ALBANY AVE SCHOOL**
Address : **532 ALBANY AVENUE BTWN: EAST NEW YORK AVE., MAPLE**
Borough : **BROOKLYN**
Agency's Number : **K091**
Program / Asset # : **BOE0404.000 / 1398**
Yr Built/Renovated : **1904 / 2001**
Area Sq Ft : **73,000**
Project Type : **EDUCATION**
Date of Survey : **02-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4794** **Lot** : **26** **BIN** : **3106599**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,547,400	$163,000
Interior Architecture	$954,000	$537,500
Electrical	$139,100	$1,726,400
Mechanical	$66,400	$125,800
Total	**$2,706,900**	**$2,552,700**
Importance Code A	$1,547,400	$200,000
Importance Code B	$754,300	$2,352,700
Importance Code C	$405,200	
Total	**$2,706,900**	**$2,552,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$40,400	$8,700		
Interior Architecture	$15,400			$14,000
Electrical	$17,600	$500	$800	$1,300
Mechanical	$67,200	$10,500	$16,800	$10,500
Total	**$140,600**	**$19,700**	**$17,600**	**$25,800**
Importance Code A	$47,800	$16,100	$7,400	$7,400
Importance Code B	$88,600	$3,600	$10,200	$18,300
Importance Code C	$4,200			
Total	**$140,600**	**$19,700**	**$17,600**	**$25,800**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$213,900	LIFE	* *	5	$51,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	0-2	$1,011,000	LIFE	* *	5	$111,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%	0-2	$46,600	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	4%	0-2	$172,300	LIFE	* *	5	$3,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%	0-2	$39,100	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2042	* *	5	$37,900	
Parapets								
Masonry: Brick	30%			LIFE	* *	5-10	$25,100	
Masonry: Brick	60%			LIFE	* *	5-10	$50,300	
Metal Rail	10%			2043	* *	5-10	$22,100	
Roof								
Built-Up (BUR)	100%	Now	$21,500	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,600	
Marble Panels	5%			LIFE	* *	5	$8,400	
Vinyl Tile	20%	0-2	$191,100	2036	* *	3	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Vinyl Tile	50%			2026	$477,800	3	$28,100	
Vinyl Tile 9" X 9"	10%	0-2	$123,800	2036	* *	3	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%			2041	* *	5	$21,100	

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DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$38,600	2035	* *	5	$7,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : At Stairs #7 And #8								
Masonry: Brick	10%	Now	$109,100	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Masonry: Brick	10%			LIFE	* *	10	$4,200	
Marble Panels	5%	2-4	$111,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	0-2	$146,000	LIFE	* *	5	$27,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%	Now	$108,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$125,400	LIFE	* *	5	$59,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Toggle Switch	5%	2-4	$6,700	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	15%			2042	* *	5	$300	
Molded Case Bkrs	75%			2025	$100,900	5	$1,400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$200	
Locally Mounted	50%			2024	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	29%			2031	* *	10	$20,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Using T-8 Lamps								
Fluorescent	70%			2026	$583,900	10	$48,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	1%			2021	$8,300	2		
Egress Lighting								
Emergency, Battery	50%			2021	$50,600	10	$9,100	
Exit, Service	50%			2021	$10,100	1		
Exterior Lighting								
HID	100%			2026	$275,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$44,200	1	$5,500	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$302,400			

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DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$26,200	2036	* *	4	$3,700	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Vacuum Pump, Water Make Up Tank Valve, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : And All F & T Traps, Various Locations								
Terminal Devices								
Air Handler	20%	Now	$4,000	2026	$81,000	1	$8,400	
Abandoned in Place, Extent : Severe, Area Affected : 5%								
Location : 1 Unit For Cafeteria								
Convector/Radiator	80%			2031	* *	1	$19,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 1 Unit On Auditorium Roof								
Window/Wall Unit	15%			2021	$23,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,300	
Exhaust Fans								
Interior	80%	Now	$66,400	2036	* *	2	$1,500	
Obsolete Equipment, Extent : Severe, Area Affected : 60%								
Location : Basement								
Roof	20%			2026	$11,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	Now	$2,200	2024	$44,900	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%			2021	$17,500	2	$1,100	

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DEPARTMENT OF EDUCATION - 040
P. S. 91 - BK THE ALBANY AVE SCHOOL
Asset # : 1398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Leak Repair Is In Progress								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2026	$11,100	4	$1,600	
Broken, Extent : Severe, Area Affected : 25%								
Location : 1 Motor Is Down, Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$17,500	1-2	$400	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 91 - Q**				
Address	: **69 ST & CENTRAL AVENUE BTWN: 68 ST., 68 PL.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q091**	
Program / Asset #	: **BOE0742.000 / 1611**		**Yr Built/Renovated**	: **1915 / 2001**	
Area Sq Ft	: **104,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **17-Mar-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **3683**	**Lot** : **1**	**BIN**	: **4089566**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$52,900	$252,500
Interior Architecture	$152,100	$457,100
Electrical	$248,100	$1,370,200
Mechanical	$35,400	$241,100
Total	**$488,500**	**$2,321,000**
Importance Code A	$52,900	$252,500
Importance Code B	$380,600	$2,068,400
Importance Code C	$55,000	
Total	**$488,500**	**$2,321,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$4,500
Interior Architecture		$33,400	$14,400	
Electrical	$8,400	$9,500	$8,800	$21,900
Mechanical	$31,800	$40,700	$41,700	$97,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$50,100**	**$93,500**	**$74,700**	**$133,700**
Importance Code A	$10,600	$10,600	$10,600	$15,300
Importance Code B	$39,500	$82,900	$59,100	$118,400
Importance Code C			$5,000	
Total	**$50,100**	**$93,500**	**$74,700**	**$133,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$77,600	
Masonry: Brick	60%			LIFE	* *	5	$119,300	
Masonry: Brick Cavity	28%			LIFE	* *	5	$55,700	
Masonry: Limestone	5%			LIFE	* *	5	$7,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$12,900	
Windows								
Aluminum	98%			2041	* *	5	$55,000	
Metal Louvers	2%			2034	* *	10	$7,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,600	
Masonry: Brick	53%			LIFE	* *	5	$7,700	
Masonry: Brick Cavity	27%			LIFE	* *	5	$3,900	
Metal Panel	10%			2045	* *	5	$5,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,600	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$52,900	
Copper/Terne	2%			2053	* *	10	$2,800	
Modified Bitumen	3%			2030	* *	10	$1,700	
Interior								
Floors								
Carpet	5%			2024	$102,200	3	$12,000	
Cast in Place Concrete	5%			LIFE	* *	5	$17,500	
Ceramic Tile	5%			2034	* *	5	$8,000	
Marble Panels	3%			LIFE	* *	5	$3,600	
Traffic Topping	3%	Now	$59,600	2035	* *	5	$3,000	
Split/Cracked, Extent : Moderate, Area Affected : 50% *Location : Stairs* *Wrinkling, Extent : Moderate, Area Affected : 50%* *Location : Stairs*								
Vinyl Tile	27%			2025	$367,600	3	$16,200	
Vinyl Tile	27%			2030	* *	3	$16,200	
Wood	25%			2040	* *	5	$75,100	
Interior Walls								
Ceramic Tile	5%	Now	$55,000	2028	* *	5	$5,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20% *Location : Stair C* *Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%* *Location : Stair C*								
Ceramic Tile	5%			2034	* *	5	$10,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$12,000	
Gypsum Board	10%			LIFE	* *	5	$12,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$28,100	
SGFT/Glazed Masonry	5%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	$48,000	
Exposed Concrete	15%			LIFE	* *	5	$3,800	
Exposed Struc: Steel	3%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$5,000	
Plaster	47%			LIFE	* *	5	$47,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 5000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	70%			2025	$146,100	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	30%			2024	$53,800	5	$800	
Molded Case Bkrs	60%			2041	* *	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	95%			2038	* *	5	$700	
Locally Mounted	5%			2023	$5,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$32,000	
Generators								
Diesel	100%			2034	* *	1	$40,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 400 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$23,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2041	* *	5	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	60%			2025	$713,000	10	$58,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
Fluorescent	40%			2030	* *	10	$39,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$392,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$11,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Horns, Strobe Lights, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$33,100	

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DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$105,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,300	
Terminal Devices								
Air Handler	30%			2030	* *	1	$19,900	
Convector/Radiator	70%	0-2	$35,400	2030	* *	1	$21,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Old Wing								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2025	$181,500	1	$24,800	
R-22 Refrigerant, Extent : Light, Area Affected : 50%								
Location : New Wing Penthouse								
Other Observation, Extent : Light, Area Affected : 50%								
Location : 5th Floor Mechanical Room								
Explanation : 2 Units								
Window/Wall Unit	5%			2020	$11,000	1		
No Component	45%							
Distribution								
Chilled Wtr Pipe/Pump	50%			2035	* *	4	$2,600	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2030	* *	1	$33,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Penthouse Mech Room								
Explanation : 2 Units								
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%			2030	* *	2	$37,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Lower Roof								
Explanation : 2 Units								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,600	
Exhaust Fans								
Interior	30%			2030	* *	2	$1,000	
Roof	70%			2025	$59,500	2	$2,300	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - Q

Asset # : 1611

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$24,900	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	50%			2025	$5,500	4	$1,200	
Submersible	50%			2018	$3,300	4	$1,200	
Backflow Preventer								
Generic	100%			2030	* *	1	$6,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-5								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$16,200	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$9,000	
Fire Pump								
Generic	100%			2028	* *	1	$20,000	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 92 - BK**
Address : **601 PARKSIDE AVENUE BTWN: ROGERS AVE., BEDFORD AVE.**
Borough : **BROOKLYN**
Agency's Number : **K092**
Program / Asset # : **BOE0405.000 / 1386**
Yr Built/Renovated : **1906 / 2010**
Area Sq Ft : **112,000**
Project Type : **EDUCATION**
Date of Survey : **11-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **5049** **Lot** : **55** **BIN** : **3115866**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$458,400	$523,800
Interior Architecture	$539,200	$752,300
Electrical	$208,900	$1,450,600
Mechanical	$177,600	$2,154,400
Total	**$1,384,100**	**$4,881,100**
Importance Code A	$458,400	$565,800
Importance Code B	$809,600	$4,276,600
Importance Code C	$116,100	$38,600
Total	**$1,384,100**	**$4,881,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$72,600		$25,400	
Interior Architecture	$144,400		$22,600	$19,400
Electrical	$23,900		$400	$1,500
Mechanical	$65,200	$19,100	$27,000	$16,400
Total	**$306,000**	**$19,100**	**$75,500**	**$37,200**
Importance Code A	$111,500	$11,400	$36,800	$11,400
Importance Code B	$138,200	$7,700	$38,700	$25,800
Importance Code C	$56,300			
Total	**$306,000**	**$19,100**	**$75,500**	**$37,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$157,500	
Masonry: Brick	90%			LIFE	* *	5	$362,900	
Masonry: Limestone	5%			LIFE	* *	5	$15,100	
Windows								
Aluminum	88%	Now	$107,100	2034	* *	5	$25,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$3,600	
Metal Louvers	2%			2029	* *	10	$7,300	
Steel	5%			2034	* *	5	$36,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$26,700	
Copper/Terne	5%			2046	* *	5	$4,500	
Masonry: Brick	83%			LIFE	* *	5-10	$106,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$11,500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Southeast Corner								
Pre-Cast Concrete	2%			LIFE	* *	5	$4,700	
Roof								
Built-Up (BUR)	80%	Now	$26,400	2026	$263,600			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Rooftop Above Auditorium And Gym								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Fan Room, Bulkhead Stair 6								
Copper/Terne	5%			2054	* *	10	$9,000	
Metal Panel	5%	Now	$4,100	2039	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roll Roofing	5%	Now	$700	2025	$14,800	5	$3,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	5%			2036	* *	10	$12,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$37,700	
Ceramic Tile	5%			2035	* *	5	$8,600	
Quarry Tile	5%			2039	* *	5	$12,900	
Terrazzo	5%	0-2	$20,000	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	45%			2026	$659,800	3	$38,800	
Vinyl Tile	25%	Now	$366,500	2036	* *	3	$16,200	
Adhesion Failure, Extent : Severe, Area Affected : 60%								
Location : Throughout 9x9 Tiles								
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	10%			2029	* *	5	$32,300	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$8,600	
Masonry: Brick	5%	Now	$20,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *	10	$4,300	
Plaster	40%			LIFE	* *	5-10	$73,000	
Plaster	20%	Now	$68,900	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Classrooms - Parkside Ave Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Classrooms - Parkside Ave Facade								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$26,800	
Ceilings								
AcousTile,Adhered	10%	0-2	$8,000	2031	* *	5	$8,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
AcousTileConcealSpLn	20%	Now	$5,600	2031	* *	5	$21,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
AcousTileSusp.Lay-In	10%	Now	$7,000	2031	* *	5	$8,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Concrete	10%			LIFE	* *	5-10	$21,600	
Plaster	50%	Now	$56,600	LIFE	* *	5	$53,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$500	
Raceway								
Conduit	100%			2026	$208,700	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$300	
Molded Case Bkrs	90%			2025	$161,400	5	$2,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2026	$89,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2031	* *	10	$99,300	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2021	$27,600	10	$100	
Incandescent	3%			2021	$38,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$77,700	10	$13,900	
Exit, Service	50%			2021	$15,500	1		
Exterior Lighting								
HID	100%			2021	$423,000	10	$300	
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 6,000 Gallons								
Conversion Equipment								
Steam Boiler	5%	0-2	$28,000	2046	* *	1	$5,100	
Damaged, Extent : Moderate, Area Affected : 33%								
Location : Basement Boiler Room, Deteriorating Refractory In # 1 Boiler								
Steam Boiler	95%			2039	* *	1	$108,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	5%	Now	$40,200	2056	* *	4	$300	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Piping								
Steam Piping/Pump	20%			2046	* *	4	$1,700	
Steam Piping/Pump	75%			2026	$603,300	4	$6,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2021	$62,100	1	$7,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	70%			2024	$761,700	1	$26,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	10%	0-2	$108,800	2046	* *	1	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Steam Traps And Climate Control System								
Fan Coil Unit/Heat	10%			2021	$172,500	1	$3,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium, Cafeteria								
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%	0-2	$11,800	2026	$11,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects								
Window/Wall Unit	70%			2021	$165,800	1		
No Component	25%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BK

Asset # : 1386

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,700	
Exhaust Fans								
Interior	80%			2021	$101,900	2	$2,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	20%			2031	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2036	* *	1		
Galv Iron/Steel	80%			2024	$275,300	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$26,800	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Recent Repairs Observed								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 92 - M**				
Address	: **222 WEST 134 STREET BTWN 7TH AVE. - 8TH AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M092**	
Program / Asset #	: **BOE0053.000 / 213**		**Yr Built/Renovated**	: **1966 / 2012**	
Area Sq Ft	: **111,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-May-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1939**	**Lot** : **11**	**BIN**	: **1058808**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$297,200	$151,800
Interior Architecture	$1,855,400	$480,500
Electrical	$1,930,300	$819,200
Mechanical	$201,000	$1,045,400
Total	**$4,283,800**	**$2,496,900**
Importance Code A	$297,200	$709,500
Importance Code B	$3,628,700	$1,578,000
Importance Code C	$357,900	$209,300
Total	**$4,283,800**	**$2,496,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$59,300		$9,900	
Interior Architecture	$22,500	$10,900		$8,600
Electrical	$19,800	$31,100	$3,100	$3,100
Mechanical	$26,900	$60,600	$26,300	$17,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$136,400**	**$110,500**	**$47,200**	**$36,600**
Importance Code A	$70,600	$11,600	$21,300	$11,300
Importance Code B	$65,700	$98,900	$26,000	$25,200
Importance Code C				
Total	**$136,400**	**$110,500**	**$47,200**	**$36,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$71,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%	Now	$243,400	LIFE	* *	5	$80,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : North Facade, Bulkhead A								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : North Facade								
Explanation : Sealant Failure								
Windows								
Aluminum	93%			2039	* *	5	$19,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Steel	5%	Now	$33,400	2031	* *	5	$6,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 60%								
Location : Gymnasium								
Wood	2%			2031	* *	5	$4,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$24,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%	Now	$53,800	LIFE	* *	5	$9,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
Location : Bulkheads 1 Thru 3								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	25%			2036	* *	5-10	$30,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$25,900	2028	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : All Bulkheads								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$37,500	
Ceramic Tile	5%	Now	$49,800	2026	$166,200	5	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Mosaic Tile	2%			2028	* *	5	$8,600	
Terrazzo	10%	Now	$39,900	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	Now	$175,000	2018	$583,200	3	$25,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	31%			2018	$452,000	3	$19,900	
Wood	2%			2051	* *	5	$6,400	
Interior Walls								
Ceramic Tile	5%	Now	$62,800	2026	$209,300	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	23%	Now	$38,700	LIFE	* *	5	$14,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 3%								
Location : Basement Corridor At Rooms B6 And B7, Throughout								
Mosaic Tile	2%			LIFE	* *			
Plaster	45%	Now	$109,500	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$146,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	63%	Now	$87,300	2036	* *	5	$67,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	Now	$110,300	LIFE	* *	5	$5,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead #1								
Fiber Board	10%			2028	* *			
Metal Panel	2%			LIFE	* *	5	$4,300	
Plaster	5%	Now	$22,500	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$500	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$300	
Molded Case Bkrs	75%			2022	$134,500	5	$2,200	
Molded Case Bkrs	15%			2031	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$700	
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Some Classrooms								
Explanation : T-8 Lamps								
Fluorescent	30%			2023	$381,800	10	$31,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	60%			2018	$763,500	10	$63,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	5%			2018	$63,600	2	$100	
Egress Lighting								
Emergency, Battery	40%			2018	$61,800	10	$11,100	
Emergency, Battery	10%	Now	$15,500	2033	* *			
Damaged Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exit, Service	50%			2018	$15,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$419,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$344,900	1-3	$20,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$282,200	5	$35,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Tank Vault								
Explanation : (2) 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2021	$557,700	1	$113,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$40,000	2033	* *	4	$5,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2023	$123,500	1	$14,200	
Convector/Radiator	80%	Now	$43,300	2028	* *	1	$26,600	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$117,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - M

Asset # : 213

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2023	$12,700	2	$400	
Roof	90%	Now	$8,200	2023	$82,000	2	$2,500	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Motors, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater								
Gas Fired	100%			2018	$26,700	2	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) Gas Fired Instantanious / Back Up When Boilers Are Off Line								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$17,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Dual Unit								
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-3 (1) B-1 Freight								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 92 - Q**		
Address	: **34TH AVE. & 100TH ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q092**
Program / Asset #	: **BOE0980.000 / 4144**	**Yr Built/Renovated**	: **1992 / 2010**
Area Sq Ft	: **71,557**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **1714** **Lot** : **18**	**BIN**	: **4042496**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$316,200	$1,645,700
Interior Architecture	$93,700	$53,600
Electrical		$64,300
Mechanical		$97,200
Total	**$409,900**	**$1,860,800**
Importance Code A	$316,200	$1,645,700
Importance Code B	$93,700	$215,100
Total	**$409,900**	**$1,860,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,200		$18,300	
Interior Architecture	$85,200		$50,900	$400
Electrical	$12,400	$5,800	$6,700	$7,300
Mechanical	$71,600	$31,000	$43,400	$26,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$191,300**	**$40,700**	**$123,200**	**$38,200**
Importance Code A	$25,300	$7,100	$25,400	$7,100
Importance Code B	$139,500	$33,600	$97,800	$30,700
Importance Code C	$26,400			$400
Total	**$191,300**	**$40,700**	**$123,200**	**$38,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$100,500	
Metal Panel	15%			2046	* *	5-10	$74,100	
Stucco Cement	15%			2039	* *	5	$26,900	
Windows								
Aluminum	95%	Now	$173,900	2042	* *	5	$10,400	
Glazing Clouded, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Caulking Deteriorated, Extent : Moderate, Area Affected : 25%* *Location : Library, Rooms 401, 402* *Water Penetration, Extent : Moderate, Area Affected : 10%* *Location : Library, Rooms 401, 402*								
Metal Louvers	5%			2035	* *	10	$6,800	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$20,000	
Metal Panel	3%			2046	* *	5	$400	
Metal Rail	12%			2039	* *	5-10	$7,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Roof								
IRMA/Protected Membrane	70%			2026	$1,401,000	10	$140,600	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Throughout* *Recent Repair Evident, Extent : Light, Area Affected : 25%* *Location : Throughout*								
Metal Panel	25%			2039	* *	10	$92,000	
Skylight, Metal/Glass	5%			2046	* *	10	$33,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Quarry Tile	5%			2039	* *	5	$8,000	
Terrazzo	5%			LIFE	* *	5	$8,400	
Vinyl Tile	75%			2031	* *	3	$30,100	
Wood	10%			2054	* *	5	$20,100	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$800	
Concrete Masonry Unit	27%			LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 3% *Location : Stairs*								
Glass Block	2%			LIFE	* *	10	$200	
Gypsum Board	35%			LIFE	* *	5-10	$16,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$3,500	
Wood	8%			LIFE	* *	5	$17,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	28%			2039	* *	5	$37,500	
AcousTileSusp.Lay-In	15%			2039	* *	5	$16,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Gypsum Board	40%			LIFE	* *	5-10	$147,300	
Metal Panel	10%			LIFE	* *	5	$26,800	
Wood	2%			LIFE	* *	5	$37,500	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Contact Disconnect Switch Rated @ 4000 Amperes								
Transformers								
Dry Type	100%			2039	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1- 15 Kva Dry Type								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	30%			2042	* *	5	$500	
Molded Case Bkrs	70%			2042	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$22,000	
Generators								
Diesel	100%			2035	* *	1	$27,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse 2								
Explanation : Generator Rated @ 250 Kw								

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DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,700	
Fuel Storage								
Day Tank	50%			2042	* *	5	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse 2								
Explanation : 60 Gallons Capacity								
Main Tank	50%			2054	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
Fluorescent	88%			2031	* *	10	$57,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2031	* *	10	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Cfl Lamps								
HID	2%			2031	* *	10		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV - Suveillance Camera System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Smoke Detectors And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$70,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,000	2046	* *	4	$3,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	50%			2031	* *	1	$22,100	
Convector/Radiator	50%			2039	* *	1	$11,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2031	* *	1	$26,600	
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : 4 Units, Penthouse								
Window/Wall Unit	5%			2021	$7,400	1		
No Component	15%							
Terminal Devices								
Direct Expansion	100%			2031	* *	1		
Heat Rejection								
Air Condenser Unit	80%			2026	$97,200	2	$39,900	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,200	
Exhaust Fans								
Interior	100%			2031	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$4,300	2046	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Water Supply Room								
Explanation : Significant Amount Of Water Is Leaking From Booster Pumps - Needs Immediate Repair								
Water Heater								
Gas Fired	100%			2019	$16,600	2	$1,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 1 Nonfunctional Unit Remains								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - Q

Asset # : 4144

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit. Hydraulic Oil Is Leaking From The Cylinder, Immediate Repair Needed								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$36,100	
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$3,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 93 - BK**
Address : **31 NEW YORK AVENUE BTWN: HERKIMER ST, ATLANTIC AVE.**
Borough : **BROOKLYN**
Agency's Number : **K093**
Program / Asset # : **BOE0406.000 / 1371**
Yr Built/Renovated : **1909 / 2009**
Area Sq Ft : **77,000**
Project Type : **EDUCATION**
Date of Survey : **10-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1868** **Lot** : **7**
BIN : **3053993**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$876,400	$128,900
Interior Architecture	$306,500	$37,000
Electrical	$532,700	$1,522,500
Mechanical		$444,400
Total	**$1,715,600**	**$2,132,900**
Importance Code A	$876,400	$165,900
Importance Code B	$780,000	$1,967,000
Importance Code C	$59,200	
Total	**$1,715,600**	**$2,132,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,600			
Interior Architecture	$56,400	$11,100	$11,100	$1,500
Electrical	$2,200	$600	$600	$600
Mechanical	$61,700	$11,500	$23,800	$17,400
Total	**$185,800**	**$23,200**	**$35,500**	**$19,500**
Importance Code A	$73,400	$7,800	$7,800	$7,800
Importance Code B	$61,800	$15,300	$27,700	$11,600
Importance Code C	$50,600			
Total	**$185,800**	**$23,200**	**$35,500**	**$19,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$43,300	
Masonry: Brick	70%			LIFE	* *	5	$194,000	
Masonry: Brick	23%			LIFE	* *	5	$63,800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,400	
Windows								
Aluminum	70%			2042	* *	5	$27,900	
Aluminum	25%	2-4	$418,200	2051	* *	5	$5,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Steel	5%	2-4	$104,300	2051	* *	5	$12,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5-10	$25,700	
Masonry: Brick	25%			LIFE	* *	5-10	$22,100	
Masonry: Brick	63%			LIFE	* *	5-10	$55,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	70%	0-2	$158,600	2036	* *			1
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Built-Up (BUR)	25%			2031	* *	10	$12,400	
Copper/Terne	2%			2061	* *	10	$2,500	
Copper/Terne	3%	Now	$2,000	2054	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	0-2	$5,700	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%			2036	* *	3	$33,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$130,600	2036	* *	3	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%			2054	* *	5	$22,200	
Interior Walls								
Ceramic Tile	5%	0-2	$20,400	2035	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,800	
Masonry: Brick	5%			LIFE	* *	10	$2,200	
Plaster	50%	Now	$59,200	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$22,100	
Ceilings								
AcousTileConcealSpLn	20%			2031	* *	5	$29,600	
Exposed Concrete	30%			LIFE	* *	5-10	$44,500	
Plaster	50%	Now	$77,800	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$146,600	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Fused Knife Sw	75%	2-4	$100,900	2051	* *	5	$700	
On Extended Life, Extent : Moderate, Area Affected : 75%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2042	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%	2-4	$60,400	2046	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Obsolete Equipment								
Locally Mounted	20%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	94%			2021	$827,000	10	$68,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2021	$6,300	10		
Incandescent	5%			2021	$44,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$9,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$290,800	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$46,600	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : First Floor Hallway								
Explanation : Intrusion Alarm And Motion Detector Only								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$159,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried Underground, School Yard								
Explanation : 2- 7,500 Gallons Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$78,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,900	
Terminal Devices								
Air Handler	20%			2026	$85,400	1	$9,800	
Convector/Radiator	60%	0-2	$22,400	2031	* *	1	$13,800	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : 75% Of Steam Traps Not Working, Throughout								
Other Observation, Extent : Severe, Area Affected : 3%								
Location : Throughout								
Explanation : 50% Of Thermostats Not Working								
Fan Coil Unit/Heat	20%			2026	$237,200	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$3,300	2021	$65,100	1		
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Rooms 307, 309, 312								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK

Asset # : 1371

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%			2026	$8,800	2	$200	
Roof	90%			2026	$56,700	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 93 - BK AX -ECF-BD STUY ECC1-BK**		
Address	: **234 HERKIMER STREET BTWN: HERKIMER ST, ATLANTIC AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K853**
Program / Asset #	: **BOE0406.010 / 188**	**Yr Built/Renovated**	: **1974 / 2008**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1868** **Lot** : **28**	**BIN**	: **3323075**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$250,000
Mechanical		$242,700
Total		**$492,700**
Importance Code B		$492,700
Total		**$492,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,000	$200		
Interior Architecture	$27,300		$2,000	$400
Electrical	$10,400	$200	$200	$300
Mechanical	$4,600	$2,500	$1,800	$2,500
Total	**$64,300**	**$2,900**	**$4,000**	**$3,300**
Importance Code A	$22,000	$200		
Importance Code B	$33,600	$2,700	$4,000	$3,300
Importance Code C	$8,700			
Total	**$64,300**	**$2,900**	**$4,000**	**$3,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK AX -ECF-BD STUY ECC1-BK

Asset # : 188

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$6,200	
Masonry: Brick	75%	Now	$4,700	LIFE	* *	5	$3,100	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Window Wall	10%			2046	* *	5	$1,600	
Windows								
Aluminum	25%			2048	* *	5	$400	
Aluminum	75%			2042	* *	5	$1,100	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$25,400	
Masonry: Brick	5%			LIFE	* *	5-10	$1,100	
Metal Security Bars	30%			2041	* *			
No Component	25%							
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$22,400	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$900	
Vinyl Tile	95%			2031	* *	3	$6,100	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$3,800	
Concrete Masonry Unit	60%			LIFE	* *	5	$7,200	
Masonry: Brick	30%			LIFE	* *	10	$1,400	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	$21,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$81,100	5		
Raceway								
Conduit	95%			2026	$21,000	1		
Conduit	5%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK AX -ECF-BD STUY ECC1-BK

Asset # : 188

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2025	$1,500	5		
Molded Case Bkrs	90%			2025	$26,900	5	$300	
Molded Case Bkrs	5%			2042	* *	5		
Wiring								
Thermoplastic	95%			2026	$23,100	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2021	$123,600	10	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2021	$2,500	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$1,400	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10		
Alarm								
Security System								
No Component	50%							
Generic	50%			2021	$16,600	1	$2,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Explanation : Intrusion Alarm & Motion Detector Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2046	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	50%			2026	$85,000	1	$1,800	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$89,800	1	$7,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BK AX -ECF-BD STUY ECC1-BK

Asset # : 188

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	100%			2026	$67,800	2	$7,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,000	
Exhaust Fans								
Interior	10%			2021	$1,300	2		
Roof	90%			2026	$8,100	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Electric	100%			2025	$1,800	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 94 - BK**		
Address	**: 5010 6TH AVENUE**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K094**
Program / Asset #	**: BOE0407.000 / 1372**	**Yr Built/Renovated**	**: 1908 / 2010**
Area Sq Ft	**: 95,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 14-Sep-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 792 Lot : 26**	**BIN**	**: 3332126**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$278,600	$273,200
Interior Architecture	$660,600	$341,900
Electrical	$1,118,000	$384,900
Mechanical		$62,100
Total	**$2,057,300**	**$1,062,100**
Importance Code A	$278,600	$310,200
Importance Code B	$1,630,700	$559,100
Importance Code C	$148,000	$192,800
Total	**$2,057,300**	**$1,062,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,200	$7,400		
Interior Architecture	$12,600	$7,300		$13,700
Electrical	$2,700	$84,400	$1,900	$1,900
Mechanical	$64,700	$36,600	$22,500	$13,900
Total	**$86,200**	**$135,700**	**$24,300**	**$29,500**
Importance Code A	$15,800	$17,300	$9,700	$9,700
Importance Code B	$67,300	$118,400	$14,600	$19,800
Importance Code C	$3,000			
Total	**$86,200**	**$135,700**	**$24,300**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$66,800	
Masonry: Brick	65%			LIFE	* *	5	$111,200	
Masonry: Brick	20%	Now	$206,400	LIFE	* *	5	$34,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : New Addition In Courtyard At Room 302, And Below Sills In Room 318, 314, 218, 214								
Masonry: Limestone	10%			LIFE	* *	5	$12,800	
Windows								
Aluminum	70%	Now	$72,200	2031	* *	5	$17,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Aluminum	30%			2048	* *	5	$14,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,300	
Masonry: Brick	50%			LIFE	* *	5	$8,000	
Pre-Cast Concrete	25%			LIFE	* *	5	$25,100	
Stucco Cement	15%	Now	$6,200	2028	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%			2033	* *	10	$61,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%	Now	$5,300	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$4,300	2026	$85,000	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	Now	$31,100	2018	$310,900	3	$13,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9 X 9 Tiles								
Vinyl Tile	50%	Now	$31,100	2028	* *	3	$27,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	15%	0-2	$72,400	2038	* *	5	$20,600	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$3,000	2026	$150,800	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	5%	0-2	$35,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Boiler Room								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Boiler Room								
Plaster	77%	Now	$112,500	LIFE	* *	5	$42,100	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$7,300	
AcousTile,Adhered	10%			2028	* *	5	$14,600	
AcousTileConcealSpLn	15%			2036	* *	5	$27,400	
Plaster	70%	Now	$67,200	LIFE	* *	5	$64,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2023	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	5%			2023	$8,600	5		
Fused Knife Sw	95%	2-4	$162,500	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	60%			2022	$107,600	5	$1,500	
Molded Case Bkrs	30%			2031	* *	5	$800	
Wiring								
Braided Cloth	40%	2-4	$102,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2023	$102,200	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$84,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$23,400	10	$100	
Incandescent	3%			2018	$32,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$65,900	10	$11,800	
Exit, Service	50%			2018	$13,200	1		
Exterior Lighting								
HID	100%			2018	$358,800	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$344,400	1-3	$20,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Oil # 2 , One Tank With 7500 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BK

Asset # : 1372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$96,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,600	2033	* *	4	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Throughout								
Terminal Devices								
Air Handler	20%			2028	* *	1	$12,100	
Convector/Radiator	80%			2028	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2017	$30,100	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,500	
Exhaust Fans								
Interior	20%			2028	* *	2	$600	
Roof	80%			2023	$62,100	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2033	* *	1		
Galv Iron/Steel	85%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$22,700	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gal. Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 94 - BK
Asset # : 1372

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 94 - Q**		
Address	: **41-77 LITTLE NECK PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q094**
Program / Asset #	: **BOE0745.000 / 1614**	**Yr Built/Renovated**	: **1914 / 1974**
Area Sq Ft	: **38,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8135** **Lot** : **29**	**BIN**	: **4169468**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$229,600	$77,600
Interior Architecture		$447,700
Electrical	$261,600	$656,200
Mechanical	$279,700	
Total	**$771,000**	**$1,181,500**
Importance Code A	$229,600	$77,600
Importance Code B	$541,300	$1,103,900
Total	**$771,000**	**$1,181,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,100		$36,600	$6,900
Interior Architecture	$54,900	$6,600	$2,900	
Electrical	$20,600	$1,300	$49,200	$1,500
Mechanical	$5,900	$6,700	$8,900	$6,600
Total	**$104,500**	**$14,600**	**$97,700**	**$15,000**
Importance Code A	$27,000	$3,900	$40,600	$10,800
Importance Code B	$73,900	$10,700	$57,100	$4,200
Importance Code C	$3,600			
Total	**$104,500**	**$14,600**	**$97,700**	**$15,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Stucco Cement	100%	Now	$89,900	2029	* *	5	$77,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	75%			2040	* *	5	$13,900	
Wood	25%			2032	* *	5	$46,200	
Parapets								
Copper/Terne	5%			2044	* *	5	$1,900	
Masonry: Brick	45%			LIFE	* *	5	$3,600	
Stucco Cement	50%			2029	* *	5	$10,300	
Roof								
Built-Up (BUR)	100%			2019	$139,700	10	$30,500	
Interior								
Floors								
Ceramic Tile	2%			2027	* *	5	$1,200	
Traffic Topping	3%	0-2	$21,800	2034	* *	5	$1,100	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	90%			2024	$447,700	3	$19,700	
Wood	5%	Now	$28,900	2052	* *	5	$2,700	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	10%			2027	* *	5	$7,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	77%			LIFE	* *	5	$16,800	
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$5,900	
Exposed Concrete	20%			LIFE	* *	5	$1,800	
Plaster	70%			LIFE	* *	5	$25,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$8,300	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Room								
Explanation : Main Service Protector Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$48,900	5	$100	
Fused Disc Sw	50%			2044	* *	5	$100	
Raceway								
Conduit	90%			2024	$47,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	40%			2023	$29,900	5	$400	
Molded Case Bkrs	50%			2040	* *	5	$500	
Molded Case Bkrs	10%			2032	* *	5	$100	
Wiring								
Braided Cloth	30%	0-2	$20,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2024	$33,300	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$36,300	5	$200	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$425,500	10	$35,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2019	$8,700	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$4,700	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$143,500	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$34,500	1	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System And Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$118,100	2034	* *	1-3	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Bells And Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$38,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$2,900	
Terminal Devices								
Air Handler	30%			2019	$63,200	1	$7,300	
Convector/Radiator	50%			2029	* *	1	$6,300	
Fan Coil Unit/Heat	20%			2019	$117,100	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$56,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$21,800	
Exhaust Fans								
Interior	100%			2019	$43,200	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2044	* *	1		
Galv Iron/Steel	10%			2022	$11,700	1		
Water Heater								
Gas Fired	100%			2022	$9,100	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - Q

Asset # : 1614

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	50%							
Generic	50%			2029	* *	1	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$13,700	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 95 - BK**
Address : **345 VAN SICKLEN ST. BTWN: GRAVESEND NECK RD., AVE. U**
Borough : **BROOKLYN**
Agency's Number : **K095**
Program / Asset # : **BOE0408.000 / 2514**
Yr Built/Renovated : **1915 / 2015**
Area Sq Ft : **85,000**
Project Type : **EDUCATION**
Date of Survey : **09-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7123** **Lot** : **66** **BIN** : **3192661**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$402,700	$334,600
Interior Architecture	$1,227,700	$285,700
Electrical	$275,800	$2,789,900
Mechanical	$111,300	$1,305,100
Total	**$2,017,400**	**$4,715,400**
Importance Code A	$452,900	$371,700
Importance Code B	$1,519,700	$4,343,700
Importance Code C	$44,800	
Total	**$2,017,400**	**$4,715,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,900	$11,000	$14,200	
Interior Architecture	$86,900		$18,000	$8,200
Electrical	$15,700		$300	$1,100
Mechanical	$67,300	$16,500	$19,700	$14,100
Total	**$193,800**	**$27,500**	**$52,200**	**$23,400**
Importance Code A	$23,900	$19,700	$22,900	$8,700
Importance Code B	$114,000	$7,900	$26,900	$14,700
Importance Code C	$55,900		$2,400	
Total	**$193,800**	**$27,500**	**$52,200**	**$23,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	10%			LIFE	* *		5	$239,100	
Other Observation, Extent : Moderate, Area Affected : 90%									
Location : All Facades									
Explanation : Sidewalk Shed In Use									
Exposed Struc: Steel	5%			LIFE	* *		5	$47,800	
Other Observation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor Play Area									
Explanation : Overhead Trellis									
Masonry: Brick	85%			LIFE	* *		5	$260,100	
Repairs in Progress, Extent : Light, Area Affected : 90%									
Location : Throughout									
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 90%									
Location : Throughout									
Windows									
Aluminum	50%			2048	* *		5	$22,000	
Aluminum	50%			2034	* *		5	$22,000	
Parapets									
Cast Stone/Terra Cotta	35%			LIFE	* *		5-10	$141,800	
Sidewalk Shed Below, Extent : Moderate, Area Affected : 90%									
Location : Throughout									
Masonry: Brick	60%			LIFE	* *		5-10	$58,500	
Repairs in Progress, Extent : Light, Area Affected : 90%									
Location : Throughout									
Metal: Cage/Fence	5%			2039	* *		5-10	$5,500	
Other Observation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor Roof									
Explanation : Play Area									
Roof									
Built-Up (BUR)	85%			2031	* *		10	$46,400	
Paver: Asphalt	15%			2035	* *		10	$12,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Repairs In Progress									
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$6,500	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Marble Panels	2%			LIFE	* *	5	$3,900	
Terrazzo	5%			LIFE	* *	5	$10,200	
Vinyl Tile	35%	Now	$389,400	2036	* *	3	$17,200	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridor(s) And Classroom(s),								
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridor(s) And Classroom(s),								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout Lower Floor Corridor(s) And Classroom(s),								
Vinyl Tile	15%			2034	* *	3	$7,400	
Vinyl Tile 9" X 9"	15%			2021	$216,200	3	$9,800	
Wood	15%	Now	$647,400	2066	* *	5	$18,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium								
Wood	8%			2054	* *	5	$19,600	
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$4,900	
Glass: Single Pane	3%			LIFE	* *	5	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Dividing Walls								
Masonry: Brick	15%			LIFE	* *	10	$7,300	
Marble Panels	2%			LIFE	* *	10	$1,300	
Plaster	12%	Now	$31,400	LIFE	* *	5	$5,900	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 215, 217, 225, 323, 325								
Plaster	50%			LIFE	* *	5-10	$69,200	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$12,200	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5-10	$24,500	
Plaster	85%	Now	$146,000	LIFE	* *	5	$69,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Pre- K (1st Floor)								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Room 215, Pre- K (1st Floor)								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$29,600	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2026	$7,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	100%			2026	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Toggle Switch	2%	2-4	$3,600	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	88%			2025	$157,900	5	$2,000	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2026	$51,100	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	89%			2021	$864,400	10	$71,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2034	* *	10	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2021	$20,900	10	$100	
Incandescent	3%			2021	$29,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$59,000	10	$10,600	
Exit, Service	50%			2021	$11,800	1		
Exterior Lighting								
HID	100%			2021	$321,000	10	$300	

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$880,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	99%			2036	* *	5	$26,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Buried Underground								
Explanation : One 10,000 Gallon Tank								
Fuel Oil No 4	1%	Now	$2,200	2056	* *	5	$100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement, Defective Fresh Air Intake Dampers								
Conversion Equipment								
Steam Boiler	10%	Now	$42,600	2046	* *	1	$7,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement,3 Of 3 Boilers Do Not Go To High Fire Setting, Defective Burner Control Panel On Boiler #1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3- #4 Oil Burning Steam Boilers								
Steam Boiler	90%	Now	$7,700	2031	* *	1	$70,100	
Leak Evident, Extent : Severe, Area Affected : 33%								
Location : Boiler Room, Boiler #3 Has Severe Leak In The Boiler Shell								
Distribution								
Steam Piping/Pump	90%			2036	* *	4	$3,900	
Steam Piping/Pump	10%	Now	$61,000	2056	* *	4	$400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Steam Traps, Defective Vaccuum Pump Seals, Defective Room Thermostats								
Terminal Devices								
Air Handler	25%			2021	$117,900	1	$13,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Convector/Radiator	65%			2024	$536,800	1	$18,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%	Now	$6,500	2021	$130,900	1	$2,500	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	90%	0-2	$16,200	2024	$161,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,200	
Exhaust Fans								
Interior	100%	Now	$9,700	2021	$96,600	2	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$261,100	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2025	$20,300	2	$1,300	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2026	$27,100	4	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Hot Water Heater Is Being Utilized As A Hot Water Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BK

Asset # : 2514

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 95 - BX**				
Address	: **3961 HILLMAN AVENUE @SEDGWICK AVENUE**				
Borough	: **BRONX**		**Agency's Number**	: **X095**	
Program / Asset #	: **BOE0236.000 / 428**		**Yr Built/Renovated**	: **1933 / 2011**	
Area Sq Ft	: **141,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **04-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **3252**	**Lot** : **182**	**BIN**	: **2015472**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$698,600	$505,100
Interior Architecture	$754,900	$232,900
Electrical	$173,700	$537,400
Mechanical	$89,200	$725,500
Total	**$1,716,300**	**$2,001,000**
Importance Code A	$698,600	$505,100
Importance Code B	$811,800	$1,495,900
Importance Code C	$206,000	
Total	**$1,716,300**	**$2,001,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$4,300	$10,000	
Interior Architecture	$70,900		$50,500	$2,700
Electrical	$13,700	$13,900	$54,200	$31,900
Mechanical	$66,000	$23,400	$34,300	$23,900
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$160,400**	**$51,400**	**$158,900**	**$68,300**
Importance Code A	$11,700	$16,100	$22,100	$11,800
Importance Code B	$113,800	$35,300	$128,100	$56,500
Importance Code C	$35,000		$8,700	
Total	**$160,400**	**$51,400**	**$158,900**	**$68,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$39,800	
Masonry: Brick	45%	0-2	$431,800	LIFE	* *	5	$71,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Expansion Jnt Failure, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	43%			LIFE	* *	5	$68,400	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition 2011								
Masonry: Granite	2%			LIFE	* *	5	$2,400	
Masonry: Limestone	5%			LIFE	* *	5	$6,000	
Windows								
Aluminum	70%	Now	$159,700	2040	* *	5	$19,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Rooms 301, 305, 410 And Various Others								
Aluminum	30%			2049	* *	5	$16,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition 2011								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,200	
Masonry: Brick	50%	0-2	$107,000	LIFE	* *	5	$9,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$7,400	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition 2011								
Metal Panel	5%			2054	* *	5	$3,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	50%			2024	$233,600	10	$51,000	
Built-Up (BUR)	40%			2034	* *	10	$40,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition 2011								
Roll Roofing	5%			2023	$21,100	5	$8,500	
Skylight, Metal/Glass	5%			2034	* *	10	$17,000	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$94,700	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Throughout 2011								
Ceramic Tile	5%			2037	* *	5	$10,800	
Recent Installation, Extent : Light, Area Affected : 40%								
Location : Throughout								
Quarry Tile	5%			2044	* *	5	$16,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition 2011								
Sheet Vinyl/Rubber	5%			2034	* *	5	$16,200	
Terrazzo	5%	0-2	$25,200	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%	0-2	$55,200	2019	$184,100	3	$8,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	15%			2034	* *	3	$12,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 2011								
Wood	35%	4+	$125,000	2039	* *	5	$71,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%	0-2	$120,300	2039	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	8%			2039	* *	5	$17,400	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gypsum Board	20%			LIFE	* *	5	$26,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$43,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	0-2	$35,000	LIFE	* *	5	$26,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	10%	0-2	$42,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$100,000	2044	* *	5	$5,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	20%			2044	* *	5	$43,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 2011								
AcousTileSusp.Lay-In	5%			2037	* *	5	$10,800	
Exposed Concrete	20%			LIFE	* *	5	$6,700	
Plaster	20%			LIFE	* *	5	$26,900	
Plaster	30%	Now	$84,700	LIFE	* *	5	$40,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stairs 3/4 And 6/7								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs 3/4 And 6/7								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Services Rated @ 1600, 2000, 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$600	
Raceway								
Conduit	90%			2024	$222,700	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	25%			2040	* *	5	$800	
Molded Case Bkrs	40%			2040	* *	5	$1,500	
Molded Case Bkrs	35%			2023	$78,500	5	$1,300	
Wiring								
Braided Cloth	50%	2-4	$173,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	40%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$103,600	5	$900	
Locally Mounted	10%			2037	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$43,400	
Generators								
Diesel	100%			2039	* *	1	$54,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$31,400	
Fuel Storage								
Main Tank	100%			2064	* *	5	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$132,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$14,000	
Exit, Service	60%			2019	$23,400	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$10,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2034	* *	1-3	$26,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	35%			2050	* *	1		
Interruptible Gas/Dual Fuel	65%			2044	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2032	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof - Part Of A C System								
Explanation : 4 Units								
Hot Water Boiler	5%			2041	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Steam Boiler	65%	Now	$9,200	2037	* *	1	$83,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	5%			2046	* *	4	$500	
Steam Piping/Pump	65%	Now	$32,800	2034	* *	4	$4,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	30%							
Terminal Devices								
Air Handler	39%			2024	$304,200	1	$34,900	
Convector/Radiator	18%			2029	* *	1	$8,400	
Convector/Radiator	30%			2041	* *	1	$14,000	
Fan Coil Unit/Heat	13%	Now	$5,600	2024	$281,500	1	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	35%			2032	* *	2	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units Using Refrigerant 410a								
Window/Wall Unit	30%			2019	$89,200	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,700	
Exhaust Fans								
Interior	65%	Now	$5,200	2024	$103,900	2	$2,300	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Roof	35%			2032	* *	2	$1,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - BX

Asset # : 428

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	65%			2044	* *	1		
Galv Iron/Steel	35%			2029	* *	1		
Water Heater								
Electric	10%			2023	$2,200	4	$100	
Gas Fired	90%			2023	$30,300	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$8,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement: 4th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2044	* *	1-2	$16,200	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 95 - Q**		
Address	: **179-01 90 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q095**
Program / Asset #	: **BOE0746.000 / 2767**	**Yr Built/Renovated**	: **1915 / 1998**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9914** **Lot** : **1**	**BIN**	: **4446042**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$190,900
Interior Architecture	$730,500	$508,100
Electrical	$2,382,700	$506,800
Mechanical	$63,400	$787,800
Total	**$3,176,600**	**$1,993,600**
Importance Code A		$209,400
Importance Code B	$3,176,600	$1,495,400
Importance Code C		$288,800
Total	**$3,176,600**	**$1,993,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,000		$24,100	
Interior Architecture		$6,700	$2,700	$10,700
Electrical	$5,600	$54,100	$4,700	$4,700
Mechanical	$17,300	$14,800	$24,000	$14,800
Total	**$48,900**	**$75,600**	**$55,500**	**$30,200**
Importance Code A	$35,500	$9,700	$33,600	$9,500
Importance Code B	$13,500	$65,900	$21,900	$20,700
Importance Code C				
Total	**$48,900**	**$75,600**	**$55,500**	**$30,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$65,400	
Masonry: Brick	75%			LIFE	* *	5	$125,600	
Masonry: Limestone	15%			LIFE	* *	5	$18,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$27,200	
Windows								
Aluminum	100%			2039	* *	5	$48,200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$13,300	
Metal Rail	5%			2036	* *	5-10	$14,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,800	
Roof								
Built-Up (BUR)	95%	Now	$26,000	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Copper/Terne	5%			2051	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,300	
Ceramic Tile	5%			2026	$138,700	5	$7,200	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	60%	Now	$730,500	2033	* *	3	$32,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2031	* *	3	$8,100	
Wood	5%			2038	* *	5	$13,400	
Interior Walls								
Ceramic Tile	5%			2026	$246,000	5	$8,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$42,800	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Plaster	90%			LIFE	* *	5	$80,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Molded Case Bkrs	65%			2022	$116,600	5	$1,600	
Molded Case Bkrs	20%			2031	* *	5	$500	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	30%			2028	* *	5	$200	
Locally Mounted	60%			2021	$45,300	5	$400	
Motor Control Center	10%			2021	$29,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler								
Explanation : T8 Lamps								
Fluorescent	92%			2018	$977,600	10	$80,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T12 Lamps								
HID	3%			2018	$22,900	10	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$64,500	10	$11,500	
Exit, Service	50%			2018	$12,900	1		
Exterior Lighting								
HID	100%			2018	$351,200	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,400	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2018	$674,300	1-3	$40,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 4000 Gals								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$94,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$7,100	
Terminal Devices								
Air Handler	40%			2023	$206,300	1	$23,700	
Convector/Radiator	60%			2021	$542,100	1	$18,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2028	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roof								
Explanation : For Auditorium								
Window/Wall Unit	20%			2021	$39,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,300	
Exhaust Fans								
Interior	60%			2018	$63,400	2	$1,800	
Roof	40%			2023	$30,400	2	$1,200	
Plumbing								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 95 - Q

Asset # : 2767

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater								
Gas Fired	100%			2021	$22,300	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$5,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 96 - M**		
Address	: **216 EAST 120 STREET @2ND - 3RD AVES.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M096**
Program / Asset #	: **BOE0054.000 / 1686**	**Yr Built/Renovated**	: **1964 / 2001**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1784** **Lot** : **12**	**BIN**	: **1074333**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$78,000	$60,800
Interior Architecture	$113,000	$1,015,600
Electrical	$1,523,100	$536,200
Mechanical	$150,900	$543,200
Total	**$1,864,900**	**$2,155,800**
Importance Code A	$78,000	$476,200
Importance Code B	$1,673,900	$1,679,600
Importance Code C	$113,000	
Total	**$1,864,900**	**$2,155,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$6,000	$7,600
Interior Architecture	$2,300	$13,700	$17,900	
Electrical	$2,100	$2,800	$36,800	$1,900
Mechanical	$49,600	$15,400	$49,900	$11,600
Total	**$53,900**	**$31,900**	**$110,600**	**$21,000**
Importance Code A	$19,800	$8,100	$14,200	$15,700
Importance Code B	$33,000	$23,900	$96,400	$5,300
Importance Code C	$1,100			
Total	**$53,900**	**$31,900**	**$110,600**	**$21,000**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	6%			LIFE	* *	5	$19,000	
Masonry: Brick	90%			LIFE	* *	5	$60,800	
Masonry: Limestone	2%			LIFE	* *	5	$1,000	
Granite Panels	2%			LIFE	* *	5	$1,000	
Windows								
Aluminum	100%			2040	* *	5	$15,200	
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$11,100	
Roof								
Built-Up (BUR)	97%			2029	* *	10	$78,000	
Copper/Terne	3%			2039	* *	10	$6,000	
Interior								
Floors								
Ceramic Tile	2%			2027	* *	5	$2,400	
Terrazzo	3%			LIFE	* *	5	$2,900	
Vinyl Tile	90%			2024	$933,900	3	$41,200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2039	* *	5	$11,400	
Interior Walls								
Ceramic Tile	2%			2027	* *	5	$2,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,300	
Plaster	58%	2-4	$50,200	LIFE	* *	5	$18,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor Girls Bathrooms								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : 1st And 2nd Floor Girls Bathrooms								
SGFT/Glazed Masonry	30%	4+	$62,700	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Corridors Throughout								
Ceilings								
AcousTile,Adhered	20%			2029	* *	5	$24,400	
Exposed Concrete	20%			LIFE	* *	5	$3,800	
Fiber Board	5%			2024	$39,800			
Plaster	55%			LIFE	* *	5	$41,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$20,200	5	$300	
Molded Case Bkrs	85%			2023	$114,400	5	$1,800	
Wiring								
Braided Cloth	75%	2-4	$130,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	20%			2024	$181,100	10	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	* *	10	$3,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium & Lobby								
Fluorescent	68%			2019	$615,900	10	$50,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2019	$13,000	10	$100	
Incandescent	5%			2019	$45,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2019	$55,000	10	$9,800	
Exit, Service	50%			2019	$11,000	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2019	$298,400	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$327,300	1-3	$19,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$25,300	
Conversion Equipment								
Steam Boiler	100%	Now	$19,800	2022	$396,900	1	$72,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Boilers Experiencing Unreliable Boiler Burner Operation								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Boilers Are At Or Are Approaching Their Useful Life Cycle Limit								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : (2) #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$11,400	2034	* *	4	$4,000	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump Is Leaking								
Terminal Devices								
Air Handler	20%			2024	$87,900	1	$10,100	
Convector/Radiator	80%			2029	* *	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$50,300	2019	$100,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms And Office Spaces, Multiple Mechanical And Electrical Deficiencies								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	10%			2024	$9,000	2	$300	
Roof	90%	Now	$5,800	2024	$58,300	2	$1,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : 3 Roof Units Are Not Operating								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - M

Asset # : 1686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$4,900	2029	* *	1		
Noisy/Vibrating, Extent : Moderate, Area Affected : 30%								
Location : Hot Water Circulating Pump In Boiler Room								
Water Heater								
Gas Fired	100%			2019	$19,000	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,100	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$3,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Shelter								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	80%			2029	* *	4	$2,000	
Rigid Piping	20%			2024	$2,200	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 96 - Q**		
Address	: **130-01 ROCKAWAY BLVD BTWN: 130 ST., 131 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q096**
Program / Asset #	: **BOE0747.000 / 1615**	**Yr Built/Renovated**	: **1915 / 2011**
Area Sq Ft	: **30,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11694** **Lot** : **27**	**BIN**	: **4253028**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$82,400
Interior Architecture		$300,300
Electrical	$253,100	$133,600
Mechanical	$99,800	$332,100
Total	**$352,900**	**$848,300**
Importance Code A		$82,400
Importance Code B	$352,900	$766,000
Total	**$352,900**	**$848,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,600			$22,900
Interior Architecture			$6,300	$18,900
Electrical	$11,100	$100	$300	$27,100
Mechanical	$28,100	$23,900	$7,200	$31,400
Total	**$42,800**	**$24,000**	**$13,900**	**$100,300**
Importance Code A	$6,700	$3,100	$3,100	$26,000
Importance Code B	$36,100	$21,000	$8,000	$74,300
Importance Code C			$2,900	
Total	**$42,800**	**$24,000**	**$13,900**	**$100,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$38,300	
Masonry: Brick	90%			LIFE	* *	5	$44,100	
Windows								
Aluminum	50%			2041	* *	5	$7,300	
Aluminum	50%			2047	* *	5	$7,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second And Third Floors								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$1,500	
Masonry: Brick	92%			LIFE	* *	5	$5,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2030	* *	10	$22,900	
Copper/Terne	5%			2053	* *	10	$3,000	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$2,300	
Marble Panels	3%			LIFE	* *	5	$1,000	
Traffic Topping	25%			2025	$143,200	5	$14,400	
Vinyl Tile	40%			2025	$157,100	3	$6,900	
Wood	27%			2040	* *	5	$23,400	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$5,800	
Plaster	90%			LIFE	* *	5	$15,500	
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$1,800	
Plaster	75%			LIFE	* *	5	$21,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$2,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps								
Fused Disc Sw	50%			2025	$2,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emrgency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$97,700	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$47,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$7,500	5	$100	
Fused Toggle Switch	2%	2-4	$1,500	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	15%			2047	* *	5	$100	
Molded Case Bkrs	73%			2024	$54,600	5	$600	
Wiring								
Braided Cloth	70%	2-4	$46,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Thermoplastic	20%			2025	$13,300	1		
Motor Controllers								
Locally Mounted	30%			2042	* *	5	$100	
Locally Mounted	70%			2023	$31,700	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$27,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$4,900	10		
Egress Lighting								
Emergency, Battery	10%			2033	* *	10	$700	
Emergency, Battery	40%			2020	$16,600	10	$3,000	
Exit, Service	30%			2020	$2,500	1		
Exit, Service	20%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$108,800			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$30,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$21,500	2025	$215,500	4	$1,500	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Inside The Piping								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Causing Condensate Return Issue Since There Is No Vacuum Pump								
Terminal Devices								
Air Handler	60%	Now	$2,000	2020	$99,800	1	$10,300	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : The Louvers Of Ahu Are Inoperable								
Convector/Radiator	40%			2023	$116,600	1	$4,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$19,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,200	
Exhaust Fans								
Interior	20%			2020	$6,800	2	$200	
Roof	80%			2020	$19,600	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$7,200	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - Q

Asset # : 1615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	50%							
Generic	50%			2030	* *	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$18,000	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 97 - BK**				
Address	: **1855 STILLWELL AVE. BTWN: 81 ST, 82 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K097**	
Program / Asset #	: **BOE0410.000 / 15**		**Yr Built/Renovated**	: **1921 / 2010**	
Area Sq Ft	: **78,459**		**Project Type**	: **EDUCATION**	
Date of Survey	: **29-May-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **6667**	**Lot** : **24**	**BIN**	: **3177680**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$281,800	$258,800
Interior Architecture	$967,300	$405,400
Electrical	$121,700	$494,600
Mechanical	$491,500	$1,610,000
Total	**$1,862,300**	**$2,768,700**
Importance Code A	$663,700	$295,800
Importance Code B	$1,026,800	$2,428,400
Importance Code C	$171,800	$44,600
Total	**$1,862,300**	**$2,768,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,600		$19,100	
Interior Architecture	$43,800		$2,900	$9,500
Electrical	$22,000	$600	$900	$1,300
Mechanical	$53,100	$12,600	$36,000	$11,000
Total	**$140,500**	**$13,200**	**$58,900**	**$21,900**
Importance Code A	$21,600	$7,800	$26,900	$7,800
Importance Code B	$108,900	$5,400	$32,000	$14,100
Importance Code C	$10,100			
Total	**$140,500**	**$13,200**	**$58,900**	**$21,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$105,300	
Masonry: Brick	92%			LIFE	* *	5	$248,000	
Masonry: Brick	3%			LIFE	* *	5	$8,100	
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Chimney Stacks								
Windows								
Aluminum	100%			2034	* *	5	$38,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$26,400	
Masonry: Brick Cavity	93%			LIFE	* *	5-10	$118,400	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,700	
Roof								
Modified Bitumen	100%			2034	* *	10	$78,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,700	
Ceramic Tile	5%			2029	* *	5	$5,900	
Marble Panels	5%			LIFE	* *	5	$8,800	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	30%	Now	$89,900	2021	$299,600	3	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : 1st Fl Corridor And Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	35%	4+	$17,500	2031	* *	3	$15,400	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : 4th Fl Corridor								
Wood	15%	4+	$581,000	2066	* *	5	$16,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Classroom Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$52,600	2029	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout Bathrooms And Stairwells								
Masonry: Brick	15%			LIFE	* *	10	$8,600	
Marble Panels	2%			LIFE	* *	10	$1,500	
Plaster	78%	Now	$119,200	LIFE	* *	5	$44,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5-10	$13,600	
Plaster	90%			LIFE	* *	5-10	$168,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2025	$26,900	5	$400	
Fused Toggle Switch	15%	2-4	$20,200	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	55%			2025	$74,000	5	$1,100	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	90%			2039	* *	5	$500	
Locally Mounted	10%			2024	$7,600	5	$100	
Ground								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Room 111								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$70,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$9,500	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Exit, Service	50%			2036	* *	1		
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$47,500	1	$5,900	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$24,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$382,000	2046	* *	1	$69,900	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Basement								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	20%	Now	$109,600	2056	* *	4	$800	
Obsolete Equipment, Extent : Moderate, Area Affected : 15%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Steam Piping/Pump	80%			2026	$438,300	4	$4,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2021	$105,800	1	$12,100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Convector/Radiator	50%			2024	$370,600	1	$12,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2021	$293,700	1	$6,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2024	$64,500	1		
Window/Wall Unit	10%	0-2	$16,100	2026	$16,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Clasrooms, Multiple Mechanical And Or Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,300	
Exhaust Fans								
Interior	100%	Now	$1,700	2021	$86,700	2	$1,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$234,300	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2019	$18,300	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BK

Asset # : 15

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	5%	0-2	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 97 - M (BARD H.S. EARLY COLLEGE)**		
Address	: **525 EAST HOUSTON STREET @ FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M097**
Program / Asset #	: **BOE0055.000 / 1687**	**Yr Built/Renovated**	: **1915 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **325** **Lot** : **25**	**BIN**	: **1004062**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$347,100	$101,800
Interior Architecture	$139,800	$47,800
Electrical	$86,900	$1,070,500
Mechanical	$35,600	$1,340,200
Total	**$609,400**	**$2,560,300**
Importance Code A	$382,700	$101,800
Importance Code B	$170,600	$2,458,600
Importance Code C	$56,100	
Total	**$609,400**	**$2,560,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$118,500			
Interior Architecture	$60,700		$19,800	
Electrical	$2,600	$500	$800	$700
Mechanical	$33,300	$12,800	$15,900	$10,000
Total	**$215,100**	**$13,400**	**$36,500**	**$10,800**
Importance Code A	$125,000	$7,200	$7,200	$7,200
Importance Code B	$78,500	$6,100	$25,800	$3,500
Importance Code C	$11,600		$3,400	
Total	**$215,100**	**$13,400**	**$36,500**	**$10,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - M (BARD H.S. EARLY COLLEGE)

Asset # : 1687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	$204,700	LIFE	* *	5	$33,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Bathroom , Auditorium								
Masonry: Brick	50%			LIFE	* *	5	$135,700	
Masonry: Limestone	25%			LIFE	* *	5	$50,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Painted Surface								
Windows								
Aluminum	100%			2042	* *	5	$38,300	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$42,300	
Masonry: Brick	65%	Now	$74,500	LIFE	* *	5	$6,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Masonry: Limestone	5%	Now	$5,200	LIFE	* *	5	$600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Security Bars	10%			2041	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$6,200	
Roof								
Built-Up (BUR)	100%	Now	$34,800	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Fifth Floor Roof								
Interior								
Floors								
Asphalt Poured	5%	Now	$7,500	2046	* *	5	$1,400	
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Stair(s)								
Wrinkling, Extent : Severe, Area Affected : 35%								
Location : Stair(s)								
Cast in Place Concrete	5%			LIFE	* *	5	$23,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Marble Panels	5%			LIFE	* *	5	$8,200	
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	80%			2034	* *	3	$32,800	
Wood	3%			2041	* *	5	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$6,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,900	
Marble Panels	5%			LIFE	* *	10	$2,700	
Plaster	75%			LIFE	* *	5-10	$86,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D And Boys Restroom On Fifth Floor								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$10,900	
Exposed Concrete	20%			LIFE	* *	5-10	$27,300	
Plaster	70%			LIFE	* *	5-10	$131,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boys Restroom On Fifth Floor And Room 510								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	60%			2026	$74,300	1		
Conduit	40%			2046	* *	1		
Panelboards								
Molded Case Bkrs	80%			2042	* *	5	$1,500	
Molded Case Bkrs	20%			2025	$26,900	5	$400	
Wiring								
Braided Cloth	50%	0-2	$86,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 97 - M (BARD H.S. EARLY COLLEGE)
Asset # : 1687

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2026	$632,800	10	$52,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2031	* *	10	$13,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
HID	2%			2021	$11,700	10		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$8,800	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	90%			2021	$241,300	10	$200	
Incandescent	10%			2021	$22,800	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Entrance Door Only								
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$43,000	1	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 5,000 Gallon Oil Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 97 - M (BARD H.S. EARLY COLLEGE)

Asset # : 1687

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	10%	2-4	$35,600	2046	* *	1	$6,500	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room Was Submerged Under 5 Feet Of Water During Hurricane Sandy. As A Result, Key Components Such As The Burner Control Panels Are Still In A State Of Disrepair								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	90%			2039	* *	1	$65,100	
Distribution								
Steam Piping/Pump	20%			2046	* *	4	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Relatively Newer Steam, Condensate Return Piping And Vacuum Pumping System Observed In Boiler Room								
Steam Piping/Pump	80%			2026	$407,900	4	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	5%			2034	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement Fan Room								
Explanation : Serves The Gym								
Air Handler	10%			2026	$39,400	1	$4,500	
Convector/Radiator	80%			2024	$551,900	1	$18,900	
Unit Heater-Stm/HW	5%			2026	$23,600	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$120,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Exhaust Fans								
Interior	20%			2031	* *	2	$400	
Roof	80%			2021	$46,400	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$174,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$17,000	2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - M (BARD H.S. EARLY COLLEGE)

Asset # : 1687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : Elevator Newly Installed								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2036	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 97 - Q**				
Address	: **85-52 85 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q097**
Program / Asset #	: **BOE0748.000 / 1616**			**Yr Built/Renovated**	: **1916 / 1999**
Area Sq Ft	: **90,585**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,4,c**				
Block	: **8855**	**Lot**	: **20**	**BIN**	: **4181565**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$444,100	$119,700
Interior Architecture	$418,100	$911,000
Electrical	$983,800	$691,800
Mechanical		$334,500
Total	**$1,846,000**	**$2,057,000**
Importance Code A	$444,100	$119,700
Importance Code B	$1,357,800	$1,791,800
Importance Code C	$44,000	$145,500
Total	**$1,846,000**	**$2,057,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$93,400			
Interior Architecture	$83,100	$23,300		$13,900
Electrical	$3,300	$13,800	$3,500	$2,600
Mechanical	$38,100	$48,800	$33,200	$15,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$221,900**	**$89,900**	**$40,600**	**$35,600**
Importance Code A	$115,500	$9,200	$9,000	$9,000
Importance Code B	$80,900	$80,700	$31,700	$26,700
Importance Code C	$25,500			
Total	**$221,900**	**$89,900**	**$40,600**	**$35,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$67,200	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%			LIFE	* *	5	$28,500	
Masonry: Brick	57%	Now	$32,700	LIFE	* *	5	$54,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$25,900	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%	Now	$2,000	2033	* *	5	$5,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Windows								
Aluminum	100%	Now	$245,300	2039	* *	5	$14,600	
Glazing Clouded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick	65%	Now	$131,600	LIFE	* *	5	$11,400	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : 1916 Wing								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : At Expansion Joint Of 1916 Wing								
Masonry: Brick	16%			LIFE	* *	5	$2,800	
Metal Rail	12%			2036	* *	5-10	$38,000	
Pre-Cast Concrete	2%	Now	$600	LIFE	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
Single Ply Membrane	80%	Now	$32,200	2028	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : 1999 Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 319 And 320								
Single Ply Membrane	20%			2031	* *	10	$11,900	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$13,100	2026	$131,400	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2032	* *	5	$4,100	
Terrazzo	5%	Now	$31,500	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$31,700	2023	$634,100	3	$28,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	27%	Now	$31,100	2018	$311,300	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%			2063	* *	5	$12,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$2,900	2026	$145,500	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2032	* *	5	$3,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Gypsum Board	25%			LIFE	* *	5	$15,800	
Marble Panels	5%	Now	$21,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	10%	Now	$4,200	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair #6 At 4th Floor Level								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair #6 At 4th Floor Level								
Plaster	47%	Now	$39,800	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$33,900	
AcousTileSusp.Lay-In	25%			2036	* *	5	$33,900	
Exposed Concrete	5%	Now	$10,900	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$8,500	
Plaster	40%			LIFE	* *	5	$33,900	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2043	* *	5	$300	
Fused Knife Sw	30%	2-4	$51,300	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$9,000	5	$100	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	60%			2022	$107,600	5	$1,400	
Molded Case Bkrs	30%			2039	* *	5	$700	
Wiring								
Braided Cloth	60%	2-4	$153,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	20%			2023	$51,100	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Motor Control Center	10%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	60%			2018	$603,700	10	$49,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wings								
Explanation : T-12 Lamps								
Fluorescent	30%			2028	* *	10	$24,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wings And Basement Of Old Wings								
Explanation : T-8 Lamps								
Incandescent	10%			2018	$100,600	2	$200	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$10,900	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$342,100	10	$300	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$16,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$22,000	2028	* *	1	$80,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,700	
Terminal Devices								
Air Handler	20%	Now	$4,900	2023	$97,700	1	$10,100	
Broken, Extent : Light, Area Affected : 10%								
Location : Basement Fan Room, Fan Enclosures Are Missing								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : House Blower								
Convector/Radiator	80%			2028	* *	1	$23,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2023	$179,200	2	$1,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof A C Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units Supply Cold And Hot Forced Air, And One Unit Supplies Only Heat								
Window/Wall Unit	10%			2021	$18,600	1		
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - Q

Asset # : 1616

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$35,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,500	
Exhaust Fans								
Interior	20%			2018	$20,000	2	$600	
Roof	80%	Now	$2,900	2023	$57,600	2	$1,800	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$21,100	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$45,700	
Sprinkler								
No Component	75%							
Generic	25%			2043	* *	1-2	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 98 - M**				
Address	: **512 WEST 212 STREET BTWN BROADWAY - 1OTH AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M098**
Program / Asset #	: **BOE0056.000 / 1712**			**Yr Built/Renovated**	: **1924 / 2008**
Area Sq Ft	: **91,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Dec-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **2229**	**Lot**	: **12**	**BIN**	: **1064871**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$617,000	$224,500
Interior Architecture	$973,800	$367,900
Electrical	$84,100	
Mechanical		$892,100
Total	**$1,675,000**	**$1,484,400**
Importance Code A	$617,000	$224,500
Importance Code B	$974,000	$1,260,000
Importance Code C	$84,000	
Total	**$1,675,000**	**$1,484,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$4,200		
Interior Architecture	$98,800	$5,300	$12,200	$15,300
Electrical	$6,300	$8,000	$9,500	$7,100
Mechanical	$67,200	$22,400	$29,900	$88,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$177,200**	**$44,800**	**$56,600**	**$115,700**
Importance Code A	$9,300	$13,500	$9,300	$9,500
Importance Code B	$140,400	$31,300	$42,900	$106,300
Importance Code C	$27,600		$4,400	
Total	**$177,200**	**$44,800**	**$56,600**	**$115,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$67,900	
Masonry: Brick	70%			LIFE	* *	5	$121,700	
Masonry: Brick	20%	Now	$524,800	LIFE	* *	5	$34,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads, South Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Foundation, South Facade								
Masonry: Granite	5%			LIFE	* *	5	$6,500	
Windows								
Aluminum	100%			2041	* *	5	$49,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	92%			LIFE	* *	5	$11,700	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Interior Face								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	3%			2038	* *	5-10	$6,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%			2030	* *	10	$36,500	
Built-Up (BUR)	25%	Now	$55,800	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,600	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$7,000	
Quarry Tile	5%			2038	* *	5	$10,500	
Terrazzo	5%	2-4	$32,600	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%	Now	$595,600	2035	* *	3	$26,300	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Compressor Room In Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Compressor Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Compressor Room In Basement								
Vinyl Tile	25%			2025	$297,800	3	$13,100	
Wood	5%			2040	* *	5	$13,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$27,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Storage Area, Meter Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Storage Area, Meter Room In Basement								
Ceramic Tile	5%			2034	* *	5	$8,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,000	
Gypsum Board	2%			LIFE	* *	5	$2,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%	Now	$84,000	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C At First Floor								
SGFT/Glazed Masonry	3%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	2-4	$5,700	2038	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	13%	Now	$29,300	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gas Meter Room, Basement Restroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gas Meter Room, Basement Restroom								
Gypsum Board	2%			LIFE	* *	5	$3,500	
Plaster	80%	Now	$294,200	LIFE	* *	5	$70,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$28,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2034	* *	1	$35,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 100 Kw, 1ph & 150 Kw, 3ph								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,400	
Fuel Storage								
Main Tank	100%			2053	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$84,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2030	* *	1		
Exit, Service	40%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$92,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$32,700	2045	* *	4	$4,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$100,900	1	$11,600	
Convector/Radiator	80%			2023	$707,300	1	$24,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$9,600	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$36,500	
No Component	30%							
Exhaust Fans								
Interior	30%			2025	$31,000	2	$900	
Roof	40%	Now	$3,000	2025	$29,800	2	$900	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2045	* *	1		
Galv Iron/Steel	30%			2023	$83,900	1		
Water Heater								
Gas Fired	100%			2023	$21,800	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Storage Tanks Connected To Instantaneous Gas Fired Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$8,800	1	$5,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1)1-5 (1)b-1								
Explanation : One Hydraulic Passenger Elevator, One Electric Hoist Basement - Mezzanine - Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M

Asset # : 1712

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$48,900	
Sprinkler								
Generic	100%			2035	* *	1-2	$26,200	
Fire Pump								
Generic	100%			2028	* *	1	$17,500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 98 - M MINISCHOOL**				
Address	: **512 WEST 212 STREET BTWN BROADWAY - 10TH AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M852**
Program / Asset #	: **BOE0056.010 / 693**			**Yr Built/Renovated**	: **1985 / 2008**
Area Sq Ft	: **6,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Dec-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2229**	**Lot**	: **12**	**BIN**	: **1064871**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$42,100	$47,000
Interior Architecture		$73,800
Electrical		$67,800
Mechanical		$78,600
Total	**$42,100**	**$267,200**
Importance Code A	$42,100	$47,000
Importance Code B		$220,200
Total	**$42,100**	**$267,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$17,600
Interior Architecture		$400	$1,100	$4,400
Electrical		$100		
Mechanical	$600	$400	$1,100	$400
Total	**$600**	**$900**	**$2,200**	**$22,500**
Importance Code A	$300	$300	$300	$17,900
Importance Code B	$300	$400	$1,900	$4,600
Importance Code C		$200		
Total	**$600**	**$900**	**$2,200**	**$22,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2045	* *	5-10	$64,700	
Windows								
Aluminum	100%			2041	* *	5	$1,400	
Roof								
Metal Panel	100%	Now	$42,100	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Interior								
Floors								
Ceramic Tile	5%			2028	* *	5	$500	
Vinyl Tile	95%			2025	$73,800	3	$3,300	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$400	
Glass: Single Pane	5%			LIFE	* *	5	$300	
Gypsum Board	90%			LIFE	* *	5	$4,400	
Ceilings								
AcousTileSusp.Lay-In	100%			2030	* *	5	$8,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2035	* *	5		
Molded Case Bkrs	20%			2035	* *	5		
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5		
Molded Case Bkrs	90%			2033	* *	5	$100	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$67,800	10	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$4,100	10	$700	
Exit, Service	50%			2025	$800	1		
Exterior Lighting								
HID	100%			2025	$22,700	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$7,500	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$78,600	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,400	
Exhaust Fans								
Interior	100%			2025	$6,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$1,400	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - M MINISCHOOL

Asset # : 693

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2035	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 98 - Q**
Address : **40-20 235 STREET BTWN: 40 AVE., 41 AVE.**
Borough : **QUEENS**
Agency's Number : **Q098**
Program / Asset # : **BOE0749.000 / 1617**
Yr Built/Renovated : **1931 / 2002**
Area Sq Ft : **37,000**
Project Type : **EDUCATION**
Date of Survey : **31-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **8082** **Lot** : **285** **BIN** : **4168629**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$211,700	$57,100
Interior Architecture	$61,700	$170,300
Electrical	$164,900	$712,400
Mechanical		$243,400
Total	**$438,300**	**$1,183,300**
Importance Code A	$211,700	$57,100
Importance Code B	$226,600	$1,126,100
Total	**$438,300**	**$1,183,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,200			
Interior Architecture	$60,800		$700	$2,600
Electrical	$31,000	$400	$500	$700
Mechanical	$29,000	$5,700	$9,100	$5,700
Total	**$153,000**	**$6,100**	**$10,400**	**$9,000**
Importance Code A	$36,000	$3,800	$3,800	$3,800
Importance Code B	$88,200	$2,400	$6,600	$5,300
Importance Code C	$28,900			
Total	**$153,000**	**$6,100**	**$10,400**	**$9,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$43,800	
Masonry: Brick	10%	Now	$8,300	LIFE	* *	5	$2,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Southeast Exit								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Southeast Exit								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank								
Masonry: Limestone	7%			LIFE	* *	5	$2,900	
Granite Panels	3%			LIFE	* *	5	$1,200	
Windows								
Wood	100%			2042	* *	5	$114,300	
Parapets								
Masonry: Limestone	100%			LIFE	* *	5-10	$118,600	
Roof								
Built-Up (BUR)	10%			2031	* *	10	$5,400	
Slate	90%			LIFE	* *	10	$48,200	
Interior								
Floors								
Asphalt Poured	20%	4+	$15,500	2046	* *	5	$2,800	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor								
Cast in Place Concrete	10%			LIFE	* *	5	$24,900	
Ceramic Tile	3%			2035	* *	5	$1,700	
Terrazzo	5%			LIFE	* *	5	$4,400	
Vinyl Tile	10%			2034	* *	3	$2,100	
Vinyl Tile	15%			2026	$72,500	3	$4,300	
Vinyl Tile 9" X 9"	10%			2021	$62,600	3	$2,800	
Wood	27%			2041	* *	5	$28,800	
Interior Walls								
Masonry: Brick	15%			LIFE	* *	10	$2,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *	10	$1,100	
Plaster	80%			LIFE	* *	5-10	$38,900	
Ceilings								
Plaster	100%			LIFE	* *	5-10	$97,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$8,300	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$68,400	5	$100	
Fused Disc Sw	30%			2046	* *	5		
Raceway								
Conduit	85%			2026	$44,700	1		
Conduit	15%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5		
Fused Knife Sw	40%	2-4	$29,900	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	5%			2042	* *	5		
Molded Case Bkrs	50%			2025	$37,400	5	$500	
Wiring								
Braided Cloth	75%	2-4	$49,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$200	
Locally Mounted	20%			2024	$9,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$413,200	10	$34,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2026	$6,100	10		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$4,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$139,700	10	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$33,600	1	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$115,000	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extended Life; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$37,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$5,300	2036	* *	4	$1,900	
Not in Service, Extent : Severe, Area Affected : 2%								
Location : 1 Vacuum Pump Motor Is Burnt Out, Basement								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Explanation : Vacuum Pump Leaks And Is Noisy								
Terminal Devices								
Air Handler	20%	Now	$800	2026	$40,900	1	$4,200	
Not in Service, Extent : Severe, Area Affected : 2%								
Location : 1 Air Handler Motor Is Burnt Out, Fan Room								
Convector/Radiator	50%			2031	* *	1	$6,100	
Fan Coil Unit/Heat	20%	Now	$5,700	2021	$113,700	1	$2,200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Unit Heater-Stm/HW	10%			2021	$24,500	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 98 - Q

Asset # : 1617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2021	$46,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,500	
Exhaust Fans								
Interior	100%			2026	$42,000	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$8,800	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Recent Installed								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 99 - BK**		
Address	**: 1120 EAST 10 STREET @ AVENUE K**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K099**
Program / Asset #	**: BOE0411.000 / 1373**	**Yr Built/Renovated**	**: 1914 / 2000**
Area Sq Ft	**: 79,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 12-Oct-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 6535** **Lot : 11**	**BIN**	**: 3171478**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$744,500	$176,400
Interior Architecture	$800,300	$640,500
Electrical	$1,660,700	$487,200
Mechanical		$271,500
Total	**$3,205,600**	**$1,575,700**
Importance Code A	$744,500	$213,400
Importance Code B	$2,238,500	$908,000
Importance Code C	$222,600	$454,300
Total	**$3,205,600**	**$1,575,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,800			
Interior Architecture	$19,600	$34,200	$2,300	$9,900
Electrical	$29,100	$42,700	$1,300	$1,400
Mechanical	$62,200	$27,900	$15,100	$11,200
Total	**$127,600**	**$104,800**	**$18,700**	**$22,400**
Importance Code A	$24,900	$8,200	$8,000	$8,000
Importance Code B	$102,800	$96,600	$10,700	$14,400
Importance Code C				
Total	**$127,600**	**$104,800**	**$18,700**	**$22,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,500	
Masonry: Brick	85%	Now	$364,700	LIFE	* *	5	$120,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 309, Auditorium								
Masonry: Limestone	10%	Now	$155,400	LIFE	* *	5	$10,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Building Base								
Windows								
Aluminum	100%	Now	$85,800	2039	* *	5	$20,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$16,800	LIFE	* *	5	$10,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$68,900	LIFE	* *	5	$11,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$69,700	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,300	
Ceramic Tile	5%	Now	$35,400	2026	$117,900	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Marble Panels	5%			LIFE	* *	5	$4,600	
Quarry Tile	5%			2040	* *	5	$9,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	35%	Now	$108,600	2018	$362,000	3	$16,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	15%			2028	* *	3	$6,800	
Wood	30%			2038	* *	5	$68,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$125,400	2026	$417,900	5	$7,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$97,200	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	$19,600	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%	Now	$71,800	LIFE	* *	5	$68,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	80%			2023	$99,100	1		
Conduit	20%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Fused Knife Sw	20%	2-4	$26,900	2048	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	70%			2022	$94,200	5	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	20%			2023	$34,800	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	87%			2018	$785,300	10	$64,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$19,500	10	$100	
Incandescent	10%			2018	$90,300	2	$200	
Egress Lighting								
Emergency, Battery	50%			2018	$54,800	10	$9,800	
Exit, Service	50%			2018	$11,000	1		
Exterior Lighting								
HID	100%			2018	$298,400	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$245,500	1-3	$14,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 6000 Gallons								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$80,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$28,400	2033	* *	4	$4,000	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Steam Traps, Throughout								
Terminal Devices								
Air Handler	10%	Now	$4,400	2023	$43,800	1	$4,500	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	75%	Now	$11,500	2028	* *	1	$17,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Controls, Thermostats, Throughout								
Fan Coil Unit/Heat	15%			2023	$182,500	1	$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$16,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$22,700	
No Component	50%							
Exhaust Fans								
Interior	30%			2023	$26,900	2	$700	
Roof	70%	Now	$900	2023	$45,200	2	$1,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2021	$18,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Backflow Preventer								
No Component	50%							
Generic	50%			2028	* *	1	$2,400	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - BK

Asset # : 1373

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 99 - Q**		
Address	: **82-37 KEW GARDENS ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q099**
Program / Asset #	: **BOE0750.000 / 668**	**Yr Built/Renovated**	: **1924 / 2002**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **3360** **Lot** : **1**	**BIN**	: **4080168**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$197,900
Interior Architecture	$38,600	$369,400
Electrical	$104,300	$1,009,000
Mechanical	$235,400	$925,400
Total	**$378,300**	**$2,501,700**
Importance Code A		$508,400
Importance Code B	$378,300	$1,993,400
Total	**$378,300**	**$2,501,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,700	$30,800	$15,100	
Interior Architecture	$10,100	$4,500	$6,600	$4,800
Electrical	$3,100	$31,800	$3,200	$2,400
Mechanical	$12,200	$49,100	$23,200	$10,900
Total	**$72,000**	**$116,200**	**$48,000**	**$18,100**
Importance Code A	$53,000	$37,200	$21,400	$6,300
Importance Code B	$16,100	$79,000	$26,600	$11,800
Importance Code C	$3,000			
Total	**$72,000**	**$116,200**	**$48,000**	**$18,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$25,300	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$39,600	
Masonry: Brick	20%			LIFE	* *	5	$20,300	
Masonry: Brick	58%			LIFE	* *	5	$58,700	
Masonry: Granite	2%			LIFE	* *	5	$1,500	
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Stucco Cement	5%			2036	* *	5	$12,700	
Windows								
Aluminum	100%			2039	* *	5	$30,100	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$33,600	
Masonry: Brick	60%			LIFE	* *	5	$7,800	
Metal: Cage/Fence	10%			2028	* *	5-10	$10,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Roof								
Built-Up (BUR)	50%			2028	* *	10	$24,900	
Cast in Place Concrete	30%	Now	$30,800	LIFE	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Cafeteria								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : School Yard Over Boiler Room And Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Cafeteria, Kitchen Storage Room, Stair 1, Room Adjacent To School Yard								
IRMA/Protected Membrane	20%	Now	$15,900	2023	$79,400			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Room 120								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 120								
Interior								
Floors								
Carpet	5%			2022	$60,900	3	$7,200	
Ceramic Tile	5%			2032	* *	5	$4,800	
Terrazzo	10%			LIFE	* *	5	$7,500	
Vinyl Tile	35%			2028	* *	3	$12,500	
Vinyl Tile	40%			2023	$324,600	3	$19,100	
Wood	5%			2038	* *	5	$8,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$5,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Restroom Adjacent To Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Masonry: Brick	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$21,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Storage Room								
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	5%			LIFE	* *	5	$23,800	
Ceilings								
AcousTileConcealSpLn	5%	Now	$38,600	2043	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Space Near Gymnasium Entrance								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Space Near Gymnasium Entrance								
Exposed Concrete	10%			LIFE	* *	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Electrical Room, Room 120								
Metal Panel	10%			LIFE	* *	5	$11,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Plaster	75%			LIFE	* *	5	$44,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 11								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$6,700	5	$100	
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	75%			2022	$100,900	5	$1,200	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$104,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$300	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2023	$680,100	10	$56,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$5,100	10		
Incandescent	3%			2018	$21,300	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$7,700	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2028	* *	1-3	$19,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$19,800	
Conversion Equipment								
Steam Boiler	100%			2021	$310,500	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2023	$445,300	4	$3,100	
Terminal Devices								
Air Handler	50%			2018	$171,900	1	$19,700	
Convector/Radiator	40%			2028	* *	1	$8,200	
Fan Coil Unit/Heat	10%			2028	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2023	$32,500	1	$4,400	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Refrigeration Room								
Window/Wall Unit	10%			2018	$13,100	1		
No Component	75%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2033	* *	4	$700	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2018	$10,200	1	$5,900	
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2023	$4,800	2	$6,700	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,600	
Exhaust Fans								
Interior	90%			2018	$63,400	2	$1,800	
Roof	10%			2018	$5,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$95,200	1		
HW Heat Exchanger								
Low Temp	100%			2023	$19,800	4	$6,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 99 - Q

Asset # : 668

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2023	$74,500	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 1 - BX**				
Address	: **335 EAST 152 STREET @ COURTLANDT AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X001**	
Program / Asset #	: **BOE0155.000 / 522**		**Yr Built/Renovated**	: **1961 / 2010**	
Area Sq Ft	: **96,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Oct-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2411**	**Lot** : **119**	**BIN**	: **2001881**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$955,200
Interior Architecture	$291,000	$931,100
Electrical	$677,200	$1,018,600
Mechanical	$302,300	$548,800
Total	**$1,270,500**	**$3,453,700**
Importance Code A	$241,200	$992,200
Importance Code B	$1,029,300	$2,461,500
Total	**$1,270,500**	**$3,453,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,000	$12,300		
Interior Architecture	$78,100			$13,000
Electrical	$11,100	$4,300	$2,400	$2,300
Mechanical	$70,400	$29,600	$23,400	$14,200
Total	**$164,600**	**$46,200**	**$25,700**	**$29,500**
Importance Code A	$5,000	$22,300	$9,800	$9,800
Importance Code B	$159,600	$23,900	$15,900	$19,700
Importance Code C				
Total	**$164,600**	**$46,200**	**$25,700**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	3%	Now	$5,000	2033	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : At Columns On North Facade								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Columns On North Facade								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$78,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2043	* *	5-10	$11,300	
Windows								
Aluminum	100%			2048	* *	5	$18,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	30%			LIFE	* *	5	$5,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Security Bars	10%			2038	* *			
Roof								
IRMA/Protected Membrane	100%			2023	$779,500	10	$97,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,400	
Ceramic Tile	5%	Now	$14,400	2032	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$17,200	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	70%	Now	$176,500	2023	$882,700	3	$38,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Wood	10%	Now	$24,500	2051	* *	5	$13,900	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$21,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$26,200	
Ceilings								
AcousTile,Adhered	25%	Now	$17,200	2028	* *	5	$18,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	2%			2036	* *	5	$3,000	
Exposed Concrete	48%	Now	$114,400	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%	Now	$4,800	2023	$48,400			
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Plaster	15%			LIFE	* *	5	$13,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$171,100	5	$2,500	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	3%			2039	* *	5	$100	
Molded Case Bkrs	2%			2039	* *	5	$100	
Molded Case Bkrs	95%			2022	$170,400	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$68,000	5	$600	
Locally Mounted	10%	2-4	$7,600	2043	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$90,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$13,400	1		
Exit, Battery	50%			2023	$45,600	10	$3,300	
Exterior Lighting								
HID	100%			2023	$362,600	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2018	$58,100	1	$7,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$298,300	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$244,000	5	$30,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$241,200	2028	* *	1	$88,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boilers Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,600	2043	* *	4	$4,900	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement Vacuum Condensate Pump								
Terminal Devices								
Air Handler	40%	Now	$21,400	2023	$213,700	1	$22,100	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room								
Explanation : Heating Coil For Gym Leaks								
Convector/Radiator	60%			2036	* *	1	$19,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$61,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,300	
Exhaust Fans								
Interior	40%			2023	$43,800	2	$1,200	
Roof	60%			2023	$47,300	2	$1,800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	30%			2028	* *	1		
Galv Iron/Steel	70%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$14,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Ceiling								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 1 - BX

Asset # : 522

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 100 - BK**
Address : **2951 WEST 3 STREET @W. BRIGHTON AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K100**
Program / Asset # : **BOE0412.000 / 1374** | **Yr Built/Renovated** : **1924 / 2011**
Area Sq Ft : **78,000** | **Project Type** : **EDUCATION**
Date of Survey : **16-Dec-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **7281** **Lot** : **1** | **BIN** : **3196595**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$961,700	$377,000
Interior Architecture	$748,300	$261,400
Electrical	$156,500	$679,100
Mechanical	$238,100	$851,600
Total	**$2,104,600**	**$2,169,200**
Importance Code A	$961,700	$767,600
Importance Code B	$794,900	$1,363,500
Importance Code C	$348,100	$38,100
Total	**$2,104,600**	**$2,169,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,800	$10,400	$14,700	
Interior Architecture	$58,800		$7,500	$800
Electrical	$2,300	$1,900	$1,900	$1,500
Mechanical	$59,600	$23,800	$19,700	$11,400
Total	**$156,500**	**$36,100**	**$43,800**	**$13,600**
Importance Code A	$55,300	$18,600	$22,700	$7,900
Importance Code B	$101,100	$17,500	$21,200	$5,600
Total	**$156,500**	**$36,100**	**$43,800**	**$13,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$485,400	LIFE	* *	5	$116,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%	Now	$382,300	LIFE	* *	5	$126,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2049	* *	5-10	$51,200	
Windows								
Aluminum	70%			2039	* *	5	$29,500	
Aluminum	30%			2031	* *	5	$12,600	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$34,100	LIFE	* *	5	$8,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%	Now	$56,700	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	25%			2028	* *	10	$10,400	
Built-Up (BUR)	70%			2023	$133,800	10	$29,200	
Roll Roofing	5%			2022	$8,600	5	$3,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,300	
Cast in Place Concrete	5%	Now	$12,500	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps, Throughout								
Ceramic Tile	5%	Now	$11,600	2026	$116,400	5	$3,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Bathrooms, Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms, Throughout								
Quarry Tile	5%			2036	* *	5	$9,000	
Terrazzo	5%	0-2	$139,600	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Lobby								
Vinyl Tile	50%			2028	* *	3	$22,500	
Vinyl Tile	5%	Now	$15,300	2028	* *	3	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	15%	0-2	$118,800	2051	* *	5	$16,900	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Masonry: Brick	10%	Now	$116,600	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Mechanical Room Over Roof								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room Over Roof								
Marble Panels	5%	2-4	$59,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	35%	Now	$141,900	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	50%	0-2	$30,000	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%	Now	$19,300	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Room Over Roof								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Room Over Roof								
Plaster	90%	Now	$141,900	LIFE	* *	5	$67,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	15%			2022	$20,200	5	$300	
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	70%			2022	$94,200	5	$1,400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2028	* *	5	$200	
Locally Mounted	30%			2021	$22,700	5	$200	
Locally Mounted	40%			2036	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Generic	50%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$72,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2023	$17,800	2		
Egress Lighting								
Exit, Service	50%			2023	$10,800	1		
Exit, Battery	50%			2023	$36,900	10	$2,700	
Exterior Lighting								
HID	100%			2023	$294,600	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	$31,900	5	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$47,200	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$9,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$197,600	5	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$19,500	2021	$390,600	1	$71,500	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement,6 Plugged Tubes On Boiler #2, Defective Oil Heater, Defective Combustion Air Damper Motor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$112,000	2033	* *	4	$4,000	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Throughout, Deteriorated Steam And Condensate Piping								
Terminal Devices								
Air Handler	20%	Now	$8,700	2023	$86,500	1	$8,900	
Malfunctioning, Extent : Severe, Area Affected : 66%								
Location : Defective Supply Fan Motors								
Convector/Radiator	75%	Now	$56,800	2028	* *	1	$17,500	
Malfunctioning, Extent : Severe, Area Affected : 70%								
Location : Throughout, Defective Steam Traps								
Fan Coil Unit/Heat	5%			2028	* *	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2021	$123,700	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$69,200	LIFE	* *	2-5	$44,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exhaust Fans								
Interior	60%			2023	$53,200	2	$1,500	
Roof	40%			2028	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$12,000	2028	* *	1		
Broken, Extent : Severe, Area Affected : 60%								
Location : Defective Riser Isolation Take-off Gate Valve								
Water Heater								
Gas Fired	100%	Now	$18,700	2023	$18,700	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 25%								
Location : Various Risers, Defective Roof Drain Piping								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BK

Asset # : 1374

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$2,300	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 100 - BX**				
Address	: **800 TAYLOR AVENUE @LAFAYETTE AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X100**	
Program / Asset #	: **BOE0240.000 / 431**		**Yr Built/Renovated**	: **1961 / 2007**	
Area Sq Ft	: **81,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **27-Oct-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3641**	**Lot** : **1**	**BIN**	: **2022550**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$533,900	$97,700
Interior Architecture	$851,200	$91,600
Electrical	$573,000	$1,705,700
Mechanical		$167,000
Total	**$1,958,100**	**$2,062,000**
Importance Code A	$533,900	$134,700
Importance Code B	$1,424,200	$1,835,700
Importance Code C		$91,600
Total	**$1,958,100**	**$2,062,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,100	$7,600	$7,200	$9,900
Interior Architecture	$1,900	$19,900		$12,500
Electrical	$3,700	$31,100	$2,400	$2,700
Mechanical	$23,700	$41,600	$24,300	$11,500
Total	**$80,300**	**$100,300**	**$33,900**	**$36,700**
Importance Code A	$59,300	$16,000	$15,500	$18,200
Importance Code B	$21,000	$84,200	$18,400	$18,500
Importance Code C				
Total	**$80,300**	**$100,300**	**$33,900**	**$36,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	$17,400	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Overhang At Auditorium East Wall								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Overhang At Auditorium East Wall								
Glazed Ceramic Panel	10%			LIFE	* *	5	$36,100	
Masonry: Brick	10%	Now	$23,200	LIFE	* *	5	$7,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Masonry: Brick	70%			LIFE	* *	5	$53,900	
Metal Panel	5%			2043	* *	5-10	$26,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,500	
Windows								
Aluminum	87%			2039	* *	5	$14,400	
Metal Louvers	3%			2032	* *	10	$3,100	
Steel	10%	0-2	$86,600	2048	* *	5	$10,400	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Basemnet								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs, Basement								
Parapets								
Masonry: Brick	20%	Now	$10,500	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Masonry: Limestone	3%			LIFE	* *	5	$300	
Metal Panel	2%			2043	* *	5	$700	
Metal Rail	25%			2036	* *	5-10	$41,000	
Metal Rail	10%			2040	* *	5-10	$16,400	
Metal: Cage/Fence	40%			2036	* *	5-10	$28,100	
Roof								
Built-Up (BUR)	10%			2031	* *	10	$6,600	
Copper/Terne	5%			2051	* *	10	$8,200	
IRMA/Protected Membrane	85%	0-2	$447,200	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$19,200	
Ceramic Tile	3%			2032	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	80%	0-2	$851,200	2033	* *	3	$37,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$11,700	
Interior Walls								
Ceramic Tile	3%			2026	$91,600	5	$3,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,400	
Glazed Ceramic Panel	2%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	63%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$12,500	
AcousTileConcealSpLn	10%			2028	* *	5	$15,600	
Exposed Concrete	60%			LIFE	* *	5	$11,700	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$7,800	
Plaster	10%			LIFE	* *	5	$7,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	20%			2043	* *	5	$100	
Molded Case Bkrs	80%			2023	$136,800	5	$1,700	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	90%			2022	$161,400	5	$1,900	
Molded Case Bkrs	10%			2039	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	77%			2023	$715,000	10	$59,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	14%			2028	* *	10	$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	4%			2023	$37,100	10	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl - Compact Fluorescent Light Fixtures								
HID	1%			2018	$6,700	10		
Incandescent	4%			2018	$37,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$10,100	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$305,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$73,500	1	$9,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$251,700	1-3	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$25,900	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$82,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,700	2033	* *	4	$4,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump In Fan Room, Basement								
Terminal Devices								
Air Handler	20%			2023	$90,200	1	$10,300	
Convector/Radiator	80%			2028	* *	1	$21,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$17,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,600	
Exhaust Fans								
Interior	40%			2023	$37,000	2	$1,000	
Roof	60%			2023	$39,900	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$25,900	4	$8,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - BX

Asset # : 431

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2043	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 100 - Q**		
Address	: **111-11 118 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q100**
Program / Asset #	: **BOE0751.000 / 1618**	**Yr Built/Renovated**	: **1930 / 2013**
Area Sq Ft	: **130,439**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11623** **Lot** : **1**	**BIN**	: **4250416**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$167,600	$207,400
Interior Architecture	$162,400	$294,100
Electrical	$1,791,200	$408,700
Mechanical	$379,700	$616,000
Total	**$2,501,000**	**$1,526,300**
Importance Code A	$167,600	$207,400
Importance Code B	$2,333,400	$1,318,900
Total	**$2,501,000**	**$1,526,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,600	$7,100		
Interior Architecture	$1,200	$46,400	$2,400	$6,100
Electrical	$20,300	$10,500	$9,700	$57,700
Mechanical	$29,500	$32,700	$37,300	$36,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$77,500**	**$104,500**	**$57,300**	**$108,500**
Importance Code A	$31,500	$20,000	$12,900	$13,200
Importance Code B	$46,000	$84,600	$44,400	$95,300
Importance Code C				
Total	**$77,500**	**$104,500**	**$57,300**	**$108,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%	Now	$117,500	LIFE	* *	5	$56,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Masonry: Brick	50%			LIFE	* *	5	$45,100	
Masonry: Brick Cavity	32%			LIFE	* *	5	$28,900	
Masonry: Granite	5%			LIFE	* *	5	$3,400	
Masonry: Limestone	2%			LIFE	* *	5	$1,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$8,800	
Windows								
Aluminum	100%			2041	* *	5	$45,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$2,100	
Copper/Terne	20%	Now	$18,600	2045	* *	5	$2,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Coping Of 1930 Wing								
Masonry: Brick	10%			LIFE	* *	5	$500	
Masonry: Brick Cavity	25%			LIFE	* *	5	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1930 Wing								
Masonry: Brick Cavity	40%			LIFE	* *	5	$2,200	
Roof								
Built-Up (BUR)	65%			2030	* *	10	$50,100	
Built-Up (BUR)	30%			2025	$105,800	10	$23,100	
Metal Panel	5%			2038	* *	10	$7,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,400	
Mosaic Tile	2%			2030	* *	5	$9,800	
Quarry Tile	5%			2038	* *	5	$14,600	
Terrazzo	3%			LIFE	* *	5	$4,600	
Vinyl Tile	40%			2030	* *	3	$29,300	
Vinyl Tile	10%			2025	$166,000	3	$7,300	
Vinyl Tile 9" X 9"	5%			2020	$107,500	3	$4,900	
Wood	30%			2040	* *	5	$109,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	20%			LIFE	* *	5	$11,200	
Glass: Single Pane	3%			LIFE	* *	5	$3,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$18,900	
SGFT/Glazed Masonry	15%			LIFE	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%			2038	* *	5	$58,600	
Exposed Concrete	10%			LIFE	* *	5	$3,100	
Plaster	60%			LIFE	* *	5	$73,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps, & One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Fire Pump & Emergency								
Switchgear / Switchboard								
Fused Disc Sw	40%			2025	$88,000	5	$200	
Fused Disc Sw	60%			2045	* *	5	$300	
Raceway								
Conduit	70%			2025	$173,200	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$11,200	5	$200	
Fused Disc Sw	5%			2041	* *	5	$200	
Fused Knife Sw	5%	2-4	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement Fan Room								
Molded Case Bkrs	50%			2041	* *	5	$1,700	
Molded Case Bkrs	35%			2024	$78,500	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	40%			2038	* *	5	$400	
Locally Mounted	60%			2023	$69,100	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,000	
Generic	50%			LIFE	* *	5	$1,000	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$40,100	
Generators								
Diesel	100%			2034	* *	1	$50,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room On Roof								
Explanation : One 300 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$29,100	
Fuel Storage								
Day Tank	50%			2041	* *	5	$12,100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator On Roof								
Explanation : One 32 Gals								
Main Tank	50%			2053	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One 300 Gals								
Lighting								
Interior Lighting								
Fluorescent	35%			2030	* *	10	$41,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	60%			2020	$869,300	10	$71,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2020	$72,400	2	$100	
Egress Lighting								
Emergency, Service	20%			2030	* *	1		
Emergency, Service	30%			2020	$19,300	1		
Exit, Service	15%			2030	* *	1		
Exit, Service	35%			2020	$12,300	1		
Exterior Lighting								
HID	100%			2020	$492,600	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$129,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$91,100	2035	* *	4	$6,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	10%	Now	$1,400	2020	$70,300	1	$7,300	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : #4 Air Handler								
Air Handler	30%			2030	* *	1	$24,200	
Convector/Radiator	50%			2023	$616,000	1	$21,100	
Unit Heater-Stm/HW	10%			2020	$84,200	4	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$18,200	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Penthouse								
Window/Wall Unit	50%			2020	$134,100	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$2,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$24,200	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2030	* *	2	$27,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$21,800	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$50,900	
Exhaust Fans								
Interior	70%			2033	* *	2	$2,800	
Roof	30%			2030	* *	2	$1,200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 100 - Q

Asset # : 1618

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Brass/Copper	30%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$30,300	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-4								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 1								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$19,700	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$11,000	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$7,300	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 101 - BK**		
Address	: **2360 BENSON AVE. @ 24TH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K101**
Program / Asset #	: **BOE0413.000 / 14**	**Yr Built/Renovated**	: **1927 / 2009**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6875** **Lot** : **32**	**BIN**	: **3185973**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$173,100	$66,800
Interior Architecture	$674,300	$226,000
Electrical	$146,200	$336,400
Mechanical	$74,100	$76,000
Total	**$1,067,700**	**$705,200**
Importance Code A	$173,100	$103,800
Importance Code B	$696,100	$601,400
Importance Code C	$198,500	
Total	**$1,067,700**	**$705,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,300		$1,000	
Interior Architecture	$44,000		$14,500	$8,000
Electrical	$3,900	$2,600	$2,900	$4,200
Mechanical	$17,000	$15,300	$14,800	$11,000
Total	**$90,100**	**$17,900**	**$33,200**	**$23,200**
Importance Code A	$32,100	$6,800	$8,000	$6,800
Importance Code B	$56,500	$11,100	$25,300	$16,400
Importance Code C	$1,600			
Total	**$90,100**	**$17,900**	**$33,200**	**$23,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$69,000	LIFE	* *	5	$45,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%			LIFE	* *	5	$21,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$104,100	2040	* *	5	$12,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,100	
Masonry: Brick	85%			LIFE	* *	5	$9,000	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Panel	5%			2044	* *	5	$2,000	
Roof								
Built-Up (BUR)	95%	0-2	$25,300	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Copper/Terne	5%			2052	* *	10	$7,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$10,700	LIFE	* *	5	$22,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Basement								
Ceramic Tile	3%	0-2	$3,000	2027	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	0-2	$23,900	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	0-2	$35,000	2024	$174,900	3	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	42%	Now	$73,500	2019	$367,400	3	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 9x 9 Tiles								
Wood	5%			2052	* *	5	$9,600	
Wood	15%			2039	* *	5	$28,900	
Interior Walls								
Cast in Place Concrete	10%	Now	$65,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement, Boiler Room								
Ceramic Tile	3%			2027	* *	5	$3,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Marble Panels	2%			LIFE	* *			
Plaster	80%	0-2	$133,000	LIFE	* *	5	$24,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$3,200	
Plaster	80%			LIFE	* *	5	$51,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	50%			2044	* *	1		
Conduit	50%			2034	* *	1		
Panelboards								
Molded Case Bkrs	80%			2040	* *	5	$1,400	
Molded Case Bkrs	20%			2032	* *	5	$400	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	10%			2029	* *	5		
Locally Mounted	90%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2029	* *	10	$59,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2024	$16,500	10	$100	
Incandescent	3%			2024	$22,900	2		
Egress Lighting								
Emergency, Battery	50%			2024	$46,400	10	$8,300	
Exit, Battery	50%			2024	$31,600	10	$2,300	
Exterior Lighting								
HID	100%			2024	$253,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2032	* *	1-3	$29,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - BK

Asset # : 14

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$68,100	
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2019	$74,100	1	$8,500	
Convector/Radiator	80%			2029	* *	1	$17,800	
Air Conditioning								
Conversion Equipment								
No Component	20%							
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	100%			2024	$76,000	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$16,000	2	$1,000	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$10,200	
Sanitary Piping								
Cast Iron	100%	Now	$7,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor Bathrooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 101 - M**				
Address	: **141 EAST 111 STREET @ LEXINGTON AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M101**	
Program / Asset #	: **BOE0058.000 / 1714**		**Yr Built/Renovated**	: **1910 / 2014**	
Area Sq Ft	: **119,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Dec-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1639**	**Lot** : **1**	**BIN**	: **1081346**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,200	$338,100
Interior Architecture	$554,400	$271,400
Electrical	$1,856,800	$437,400
Mechanical	$427,800	$1,543,900
Total	**$2,882,100**	**$2,590,800**
Importance Code A	$43,200	$934,000
Importance Code B	$2,729,600	$1,602,100
Importance Code C	$109,300	$54,700
Total	**$2,882,100**	**$2,590,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,100		$32,100
Interior Architecture	$42,000			$22,400
Electrical	$200	$400	$1,300	$51,600
Mechanical	$43,600	$18,100	$26,900	$37,100
Total	**$85,800**	**$20,600**	**$28,200**	**$143,200**
Importance Code A	$12,100	$14,200	$12,100	$44,300
Importance Code B	$58,000	$6,400	$16,100	$99,000
Importance Code C	$15,700			
Total	**$85,800**	**$20,600**	**$28,200**	**$143,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$88,800	
Masonry: Brick	90%			LIFE	* *	5	$204,700	
Masonry: Limestone	5%			LIFE	* *	5	$8,500	
Windows								
Aluminum	100%			2050	* *	5	$64,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,400	
Masonry: Brick	90%			LIFE	* *	5	$15,000	
Masonry: Sandstone	5%			LIFE	* *	5	$1,000	
Roof								
Asphalt Macadam	10%			2033	* *	5	$4,200	
Built-Up (BUR)	70%			2033	* *	10	$44,600	
Panel/Paver: Cer/Brk	20%	Now	$43,200	2035	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Over Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 66%								
Location : Throughout								
Explanation : Under Construction								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,000	
Ceramic Tile	5%	Now	$17,800	2034	* *	5	$4,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	2%	4+	$8,500	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Traffic Topping	5%			2025	$113,600	5	$11,500	
Vinyl Tile	10%	Now	$155,800	2035	* *	3	$6,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Corridor(s), Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridor(s), Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	63%	2-4	$49,100	2030	* *	3	$43,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$181,300	2028	* *	5	$17,200	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	0-2	$36,100	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$15,700	2028	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$8,600	
Marble Panels	5%			LIFE	* *			
Plaster	80%	Now	$73,200	LIFE	* *	5	$54,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Classroom(s), 5th Floor At South, Soffit(s)								
Ceilings								
Exposed Concrete	10%	Now	$59,000	LIFE	* *	5	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Boiler Room, Old Coal Bunker								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Ceiling Beams								
Plaster	90%			LIFE	* *	5	$103,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2051	* *	5	$400	
Molded Case Bkrs	20%			2035	* *	5	$600	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	15%			2047	* *	5	$500	
Molded Case Bkrs	75%			2024	$134,500	5	$2,400	
Wiring								
Braided Cloth	85%	2-4	$253,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	70%			2020	$951,800	10	$78,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	25%			2033	* *	10	$28,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement & Hallways								
Explanation : T-8 Lamps								
HID	2%			2020	$19,500	10	$100	
Incandescent	3%			2020	$40,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$82,600	10	$14,800	
Exit, Service	50%			2020	$16,500	1		
Exterior Lighting								
HID	100%			2020	$449,400	10	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2045	* *	5	$37,900	
Conversion Equipment								
Steam Boiler	100%			2023	$595,900	1	$121,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Old Units. Scheduled To Be Replaced In 2014								
Distribution								
Steam Piping/Pump	100%	Now	$17,100	2035	* *	4	$6,000	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Traps And Condensate Pumps								
Terminal Devices								
Air Handler	20%			2020	$132,000	1	$15,100	
Convector/Radiator	75%			2023	$867,100	1	$29,700	
Fan Coil Unit/Heat	5%			2020	$91,600	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	5%			2025	$20,800	1	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 1st Floor Mens Room - For Library Only								
Window/Wall Unit	65%			2020	$163,600	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	5%			2025	$33,000	1	$2,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,300	
Exhaust Fans								
Interior	30%			2020	$40,600	2	$1,100	
Roof	70%			2030	* *	2	$2,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - M

Asset # : 1714

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%	Now	$2,200	2030	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Meter Area								
HW Heat Exchanger								
Low Temp	100%			2025	$38,000	4	$18,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$42,900	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 101 - Q**		
Address	**: 2 RUSSELL PLACE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q101**
Program / Asset #	**: BOE0752.000 / 1592**	**Yr Built/Renovated**	**: 1927 / 2008**
Area Sq Ft	**: 55,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 27-Dec-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,Att**		
Block	**: 3270 Lot : 1**	**BIN**	**: 4078312**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$160,200	$99,900
Interior Architecture	$85,100	$446,600
Electrical	$965,700	$511,300
Mechanical	$306,700	$716,100
Total	**$1,517,700**	**$1,774,000**
Importance Code A	$160,200	$99,900
Importance Code B	$1,357,500	$1,674,100
Total	**$1,517,700**	**$1,774,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$7,500	
Interior Architecture		$6,700	$9,000	
Electrical	$10,900	$1,900	$40,100	$1,300
Mechanical	$44,300	$8,200	$10,600	$7,900
Total	**$55,200**	**$16,700**	**$67,200**	**$9,200**
Importance Code A	$5,600	$5,600	$13,200	$5,600
Importance Code B	$49,600	$11,100	$54,000	$3,600
Importance Code C				
Total	**$55,200**	**$16,700**	**$67,200**	**$9,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$46,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,300	
Windows								
Aluminum	100%	Now	$160,200	2040	* *	5	$9,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Roof								
Cast in Place Concrete	5%			LIFE	* *			
Clay Tile	90%			2044	* *	10	$53,700	
Copper/Terne	5%			2039	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	28%	Now	$49,200	LIFE	* *	5	$51,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Ceramic Tile	2%			2033	* *	5	$1,700	
Slate	2%			LIFE	* *	5	$1,800	
Vinyl Tile	55%			2024	$394,900	3	$17,400	
Vinyl Tile	5%			2019	$35,900	3	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Throughout								
Explanation : 9x9 Tiles								
Wood	8%			2039	* *	5	$12,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Masonry: Brick	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$21,700	
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$4,200	
Exposed Concrete	5%			LIFE	* *	5	$700	
Exposed Concrete	25%			LIFE	* *	5	$3,300	
Plaster	65%			LIFE	* *	5	$34,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$200	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$83,700	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$34,800	1		
Motor Controllers								
Locally Mounted	15%			2037	* *	5	$100	
Locally Mounted	85%			2022	$38,500	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement / Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	10%			2029	* *	10	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Only								
Explanation : T-8 Lamps								
Fluorescent	85%			2019	$532,700	10	$44,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2019	$13,500	10	$100	
Incandescent	2%			2019	$12,500	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	5%			2029	* *	10	$700	
Emergency, Battery	45%			2019	$34,200	10	$6,100	
Exit, Service	15%			2029	* *	1		
Exit, Service	35%			2019	$5,300	1		
Exterior Lighting								
HID	100%			2024	$207,700	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2019	$227,900	1-3	$13,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$55,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%	Now	$31,500	2024	$315,100	4	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Return Piping Beyond Useful Life Cycle Limit								
Steam Traps Faulty, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	20%			2050	* *	4	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Relatively New Steam And Condensate Return Piping In Boiler Room Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2019	$45,600	1	$5,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Blowers Are Beyond Their Useful Life Cycle Limit								
Convector/Radiator	60%			2022	$319,800	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	25%			2019	$211,200	1	$4,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classroom Unit Ventilators Are Beyond Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2022	$81,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$18,900	
No Component	40%							
Exhaust Fans								
Interior	80%			2019	$49,900	2	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Interior Exhaust Fans Are Beyond Their Useful Life Cycle Limit								
Wall Unit	10%			2024	$8,500	2	$200	
No Component	10%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$13,100	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$3,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Piping From Leader To City Sewer Main								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Recent Installation, Extent : Moderate, Area Affected : 100%								
Location :								
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Covers Boilers Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 101 - Q

Asset # : 1592

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 102 - BK**				
Address	: **211 72 STREET BTWN: 3 AVE., RIDGE BLVD.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K102**	
Program / Asset #	: **BOE0414.000 / 1375**		**Yr Built/Renovated**	: **1900 / 2010**	
Area Sq Ft	: **97,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **02-Mar-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **5890**	**Lot** : **1**	**BIN**	: **3146491**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$626,300	$344,300
Interior Architecture	$926,500	$257,400
Electrical	$505,800	$1,096,200
Mechanical		$1,376,600
Total	**$2,058,600**	**$3,074,500**
Importance Code A	$626,300	$381,300
Importance Code B	$1,259,300	$2,645,800
Importance Code C	$173,000	$47,400
Total	**$2,058,600**	**$3,074,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,400			
Interior Architecture	$81,400		$2,800	$900
Electrical	$11,000	$1,100	$1,400	$2,100
Mechanical	$60,900	$17,300	$22,400	$14,900
Total	**$202,700**	**$18,400**	**$26,700**	**$17,900**
Importance Code A	$59,300	$9,900	$9,900	$9,900
Importance Code B	$123,000	$8,500	$16,800	$8,000
Importance Code C	$20,400			
Total	**$202,700**	**$18,400**	**$26,700**	**$17,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$409,200	
Masonry: Brick	80%			LIFE	* *	5	$279,400	
Masonry: Limestone	5%			LIFE	* *	5	$13,100	
Windows								
Aluminum	100%	Now	$210,700	2042	* *	5	$25,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor, Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$46,200	
Masonry: Brick	75%			LIFE	* *	5-10	$83,500	
Metal Cornice	15%			2054	* *	10	$7,900	
Roof								
Asphalt Shingle	30%			2035	* *	10	$3,100	
Built-Up (BUR)	65%	Now	$9,300	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$7,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$130,700	
Ceramic Tile	3%	Now	$26,000	2029	* *	5	$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Sheet Vinyl/Rubber	5%	Now	$221,600	2036	* *	5	$5,600	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$4,700	
Vinyl Tile	5%	0-2	$63,500	2036	* *	3	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor 9x9 Tiles								
Vinyl Tile	15%			2031	* *	3	$8,400	
Wood	50%	Now	$246,300	2041	* *	5	$70,000	
Dry Rot/Decay, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$46,200	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$5,600	
Marble Panels	2%	Now	$14,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$126,800	LIFE	* *	5	$47,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5-10	$37,300	
Plaster	80%	Now	$156,800	LIFE	* *	5	$74,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	85%			2026	$146,700	1		
Conduit	15%			2046	* *	1		
Panelboards								
Molded Case Bkrs	20%			2042	* *	5	$500	
Molded Case Bkrs	80%			2025	$143,500	5	$2,000	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$700	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$89,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	40%			2021	$53,800	10	$9,600	
Emergency, Battery	10%			2034	* *	10	$2,400	
Exit, Service	40%			2021	$10,800	1		
Exit, Service	10%			2034	* *	1		
Exterior Lighting								
HID	100%			2026	$366,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$88,000	1	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$301,400	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System; Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$98,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BK

Asset # : 1375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Vacuum Pumps Vibrate And Are Making Noise								
Terminal Devices								
Air Handler	25%			2026	$134,500	1	$15,400	
Convector/Radiator	75%	Now	$14,100	2024	$706,800	1	$21,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$143,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,100	
Exhaust Fans								
Interior	85%			2026	$93,700	2	$2,600	
Roof	15%			2026	$11,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$298,000	1		
Water Heater								
Gas Fired	100%			2024	$23,200	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$2,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Room 209 G								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 102 - BX**
Address : **1827 ARCHER STREET @TAYLOR AVE.**
Borough : **BRONX** | **Agency's Number** : **X102**
Program / Asset # : **BOE0242.000 / 145** | **Yr Built/Renovated** : **1931 / 2011**
Area Sq Ft : **136,000** | **Project Type** : **EDUCATION**
Date of Survey : **19-Feb-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3921** **Lot** : **30** | **BIN** : **2028640**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$112,200	$212,900
Interior Architecture	$39,200	$906,000
Electrical	$265,600	$1,203,500
Mechanical	$58,400	$755,800
Total	**$475,400**	**$3,078,100**
Importance Code A	$112,200	$212,900
Importance Code B	$363,200	$2,865,300
Total	**$475,400**	**$3,078,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,200		$16,000	$23,900
Interior Architecture	$74,600	$7,000	$4,700	$9,100
Electrical	$21,700	$14,400	$31,600	$14,600
Mechanical	$36,600	$34,700	$58,000	$40,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$140,900**	**$60,100**	**$114,200**	**$92,200**
Importance Code A	$18,000	$13,800	$30,100	$37,800
Importance Code B	$119,800	$46,200	$84,100	$54,400
Importance Code C	$3,200			
Total	**$140,900**	**$60,100**	**$114,200**	**$92,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,800	
Masonry: Brick	55%			LIFE	* *	5	$78,500	
Masonry: Brick	25%			LIFE	* *	5	$35,700	
Masonry: Brick	5%			LIFE	* *	5	$7,100	
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Metal Panel	5%			2044	* *	5-10	$49,100	
Windows								
Aluminum	95%			2040	* *	5	$47,900	
Glass Block	5%			LIFE	* *	5	$1,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,600	
Concrete Masonry Unit	20%			LIFE	* *	5	$4,800	
Copper/Terne	5%			2059	* *	5	$5,200	
Masonry: Brick	35%			LIFE	* *	5	$7,500	
Metal Cornice	8%			2052	* *	10	$5,500	
Metal Security Bars	5%			2039	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$2,700	
Stucco Cement	15%			2037	* *	5	$8,300	
Roof								
Built-Up (BUR)	65%			2029	* *	10	$76,700	
Copper/Terne	5%			2052	* *	10	$14,800	
IRMA/Protected Membrane	30%			2029	* *	10	$35,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Ceramic Tile	5%			2027	* *	5	$10,400	
Quarry Tile	3%			2029	* *	5	$9,400	
Terrazzo	5%			LIFE	* *	5	$8,200	
Vinyl Tile	35%			2029	* *	3	$36,500	
Vinyl Tile	27%			2024	$479,400	3	$21,100	
Wood	20%			2039	* *	5	$78,300	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$6,300	
Concrete Masonry Unit	35%			LIFE	* *	5	$29,400	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$15,800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$20,700	
AcousTileConcealSpLn	20%			2022	$335,600	5	$51,900	
AcousTileSusp.Lay-In	20%			2037	* *	5	$41,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$13,000	
Plaster	40%			LIFE	* *	5	$51,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 2- 1600 Amperes And 1- 1200 Amperes								
Transformers								
Dry Type	100%			2037	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva And 300 Kva, 480/277 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$600	
Raceway								
Conduit	60%			2044	* *	1		
Conduit	40%			2024	$99,000	1		
Panelboards								
Fused Disc Sw	20%			2040	* *	5	$600	
Molded Case Bkrs	60%			2040	* *	5	$2,100	
Molded Case Bkrs	20%			2023	$44,800	5	$700	
Wiring								
Braided Cloth	40%	2-4	$139,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	60%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$3,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$41,800	
Generators								
Diesel	100%			2033	* *	1	$52,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$30,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2032	* *	5	$12,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2039	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2029	* *	10	$126,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$513,600	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$123,400	1	$15,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$422,600	1-3	$25,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$138,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2032	* *	4	$2,800	
Steam Piping/Pump	60%	Now	$58,400	2034	* *	4	$4,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	40%			2029	* *	1	$34,500	
Convector/Radiator	40%			2037	* *	1	$18,000	
Fan Coil Unit/Heat	20%			2024	$417,800	1	$9,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$7,100	2029	* *	1	$17,500	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : One Compressor Burnt Out In New Wing Penthouse								
Window/Wall Unit	40%			2022	$114,700	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2044	* *	4	$2,100	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2029	* *	1	$25,900	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2024	$58,500	2	$29,200	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,800	
Exhaust Fans								
Interior	80%			2029	* *	2	$3,400	
Roof	20%			2024	$22,200	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$83,300	1		
Water Heater								
Gas Fired	100%			2022	$32,500	2	$2,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - BX

Asset # : 145

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$72,900	
Sprinkler								
No Component	95%							
Generic	5%			2024	$81,400	1-2	$2,000	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 102 - M**			
Address	:	**315 EAST 113 STREET @SECOND AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M102**
Program / Asset #	:	**BOE0444.000 / 1345**	**Yr Built/Renovated**	:	**1914 / 2011**
Area Sq Ft	:	**69,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**12-Sep-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5**			
Block	:	**1684** **Lot** : **101**	**BIN**	:	**1081366**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$506,600	$170,200
Interior Architecture	$344,200	$39,800
Electrical	$1,049,400	$234,600
Mechanical		$233,600
Total	**$1,900,200**	**$678,300**
Importance Code A	$506,600	$170,200
Importance Code B	$1,335,200	$508,100
Importance Code C	$58,400	
Total	**$1,900,200**	**$678,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,900		$7,400	
Interior Architecture	$89,400	$5,300		$11,300
Electrical	$18,900	$3,100	$11,500	$3,900
Mechanical	$37,100	$9,900	$55,900	$9,900
Total	**$179,400**	**$18,300**	**$74,800**	**$25,100**
Importance Code A	$41,000	$7,000	$14,400	$7,200
Importance Code B	$94,600	$11,300	$60,300	$17,900
Importance Code C	$43,900			
Total	**$179,400**	**$18,300**	**$74,800**	**$25,100**

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$53,700	LIFE	* *	5	$51,500	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%	0-2	$179,100	LIFE	* *	5	$118,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$36,000	LIFE	* *	5	$4,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	90%	Now	$140,500	2040	* *	5	$16,800	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,200	
Steel	5%	0-2	$97,300	2049	* *	5	$11,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Parapets								
Cast Stone/Terra Cotta	5%	0-2	$3,800	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	95%	0-2	$26,500	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	73%	0-2	$2,500	2029	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Copper/Terne	5%	0-2	$1,200	2052	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	20%			2029	* *	10	$7,400	
Skylight, Metal/Glass	2%			2044	* *	10	$2,500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	10%			2033	* *	5	$10,600	
Vinyl Tile	10%	Now	$18,100	2019	$90,300	3	$4,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Lunch Room, Throughout 9x9 Tiles								
Vinyl Tile	75%			2029	* *	3	$39,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Wood	5%	4+	$17,500	2052	* *	5	$5,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$18,300	2027	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Bathrooms								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Next To General Office								
Plaster	55%	0-2	$58,400	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$25,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Gymnasium								
Ceilings								
Exposed Concrete	35%			LIFE	* *	5	$5,800	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : 5th Floor								
Exposed Struc: Steel	5%	2-4	$111,900	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 40%								
Location : Basement								
Plaster	60%	0-2	$83,700	LIFE	* *	5	$39,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	10%			2034	* *	1		
Conduit	10%			2050	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Toggle Switch	30%	2-4	$40,400	2049	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	30%			2023	$40,400	5	$500	
Molded Case Bkrs	30%			2046	* *	5	$500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement, First Floor And Kitchen								
Wiring								
Braided Cloth	40%	2-4	$69,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	40%			2050	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement And First Floor								
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%	2-4	$15,100	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	74%			2019	$583,400	10	$48,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2032	* *	10	$13,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Incandescent	6%			2019	$47,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$260,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2032	* *	1-3	$30,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$22,000	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,900	2034	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Traps, Throughout								
Terminal Devices								
Air Handler	20%			2024	$76,500	1	$8,800	
Convector/Radiator	70%	Now	$9,400	2029	* *	1	$14,400	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Staircase								
Fan Coil Unit/Heat	10%			2024	$106,300	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$29,200	1		
No Component	80%							

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DEPARTMENT OF EDUCATION - 040

P. S. 102 - M

Asset # : 1345

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Interior	10%			2024	$7,800	2	$200	
Roof	90%	Now	$1,000	2024	$50,800	2	$1,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2034	* *	1		
Galv Iron/Steel	90%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,100	2034	* *	4	$7,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Circulation Pump Is Out Of Service								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,000	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 102 - Q**		
Address	: **55-24 VAN HORN STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q102**
Program / Asset #	: **BOE0753.000 / 1583**	**Yr Built/Renovated**	: **1923 / 2010**
Area Sq Ft	: **123,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2879** **Lot** : **31**	**BIN**	: **4437597**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,500	$548,900
Interior Architecture	$383,600	$334,600
Electrical		$452,800
Total	**$425,100**	**$1,336,300**
Importance Code A	$41,500	$570,000
Importance Code B	$383,600	$493,400
Importance Code C		$273,000
Total	**$425,100**	**$1,336,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$44,300	$9,600	
Interior Architecture		$40,700		$4,700
Electrical	$12,000	$17,800	$13,100	$13,600
Mechanical	$18,100	$27,200	$28,600	$14,200
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$41,900**	**$141,800**	**$63,000**	**$44,300**
Importance Code A	$8,100	$52,600	$17,800	$8,100
Importance Code B	$33,800	$79,800	$45,200	$36,200
Importance Code C		$9,400		
Total	**$41,900**	**$141,800**	**$63,000**	**$44,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$86,500	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : 1923 Wing*								
Masonry: Brick	20%			LIFE	* *	5	$44,300	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : 1923 Wing*								
Masonry: Brick	60%			LIFE	* *	5	$132,800	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2010 Wing*								
Masonry: Limestone	3%			LIFE	* *	5	$5,000	
Stucco Cement	2%			2028	* *	5	$11,100	
Window Wall	10%			2053	* *	5	$83,000	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2010 Wing*								
Windows								
Aluminum	67%			2048	* *	5	$42,700	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2010 Wing*								
Aluminum	30%			2039	* *	5	$19,100	
Glass Block	3%			LIFE	* *	5	$1,200	
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$53,300	
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$4,800	
Masonry: Brick	25%			LIFE	* *	5	$5,200	
Recent Repair Evident, Extent : Light, Area Affected : 25% *Location : 1923 Wing*								
Masonry: Brick	30%			LIFE	* *	5	$6,200	
Recent Construction, Extent : Light, Area Affected : 100% *Location : 2010 Wing*								
Metal Panel	2%			2043	* *	5	$1,600	
Metal Panel	5%			2053	* *	5	$4,000	
Metal Rail	10%			2043	* *	5-10	$37,300	
Roof								
Built-Up (BUR)	40%			2023	$144,700	10	$31,600	
IRMA/Protected Membrane	58%			2033	* *	10	$45,800	
Skylight, Metal/Glass	2%			2053	* *	10	$5,300	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,700	
Ceramic Tile	3%			2038	* *	5	$5,700	
Terrazzo	3%			LIFE	* *	5	$4,400	
Vinyl Tile	20%	Now	$322,000	2033	* *	3	$14,200	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s) 1923 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s) 1923 Wing								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1923 Wing								
Explanation : 9x9 Tiles								
Vinyl Tile	65%			2033	* *	3	$46,200	
Wood	2%			2063	* *	5	$7,100	
Wood	2%			2038	* *	5	$7,100	
Interior Walls								
Ceramic Tile	3%			2026	$195,200	5	$7,100	
Ceramic Tile	3%			2038	* *	5	$7,100	
Concrete Masonry Unit	7%			LIFE	* *	5	$6,600	
Folding Partition	2%			2048	* *	5	$11,800	
Glass: Single Pane	3%			LIFE	* *	5	$5,300	
Gypsum Board	55%			LIFE	* *	5	$77,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	22%			LIFE	* *	5	$15,600	
Ceilings								
AcousTileConcealSpLn	5%			2028	* *	5	$11,800	
AcousTileSusp.Lay-In	65%			2043	* *	5	$123,100	
Exposed Concrete	5%			LIFE	* *	5	$1,500	
Gypsum Board	5%			LIFE	* *	5	$11,800	
Plaster	20%			LIFE	* *	5	$23,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	10%			2033	* *	5	$100	
Fused Disc Sw	90%			2049	* *	5	$500	
Raceway								
Conduit	25%			2023	$52,200	1		
Conduit	75%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5	$100	
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	70%			2045	* *	5	$2,300	
Molded Case Bkrs	20%			2031	* *	5	$600	
Wiring								
Thermoplastic	75%			2049	* *	1		
Thermoplastic	25%			2033	* *	1		
Motor Controllers								
Locally Mounted	95%			2040	* *	5	$800	
Locally Mounted	5%			2021	$5,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$37,800	
Generators								
Diesel	100%			2036	* *	1	$47,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Generator Rated @ 300 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$4,600	
Fuel Storage								
Main Tank	100%			2058	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Tank Capacity								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2023	$281,100	10	$23,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Second And Third Floor - Old Building								
Explanation : Using T-8 Lamps								
Fluorescent	5%			2031	* *	10	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Gym								
Explanation : Compact Fluorescent Lights								
Fluorescent	75%			2031	* *	10	$87,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The New Wing And Fisrt Floor Of Old Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	20%			2023	$34,100	10	$6,100	
Exit, Service	80%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$22,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	70%			2049	* *	1		
Interruptible Gas/Dual Fuel	30%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	70%			2031	* *	1	$43,800	
Other Observation, Extent : Light, Area Affected : 70%								
Location : New Wing Roof								
Explanation : 5 Roof Top Units								
Steam Boiler	30%			2036	* *	1	$37,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	30%			2033	* *	4	$2,800	
No Component	70%							
Terminal Devices								
Air Handler	10%			2031	* *	1	$7,800	
Convector/Radiator	20%			2028	* *	1	$8,200	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2031	* *	2	$5,400	
Other Observation, Extent : Light, Area Affected : 70%								
Location : New Wing Roof								
Explanation : 5 Roof Top Package Units								
Window/Wall Unit	5%			2018	$13,000	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$21,200	
Ductwork/Diffusers	70%			LIFE	* *	2-5	$49,400	
Exhaust Fans								
Interior	10%			2031	* *	2	$400	
Roof	70%			2031	* *	2	$2,700	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2049	* *	1		
Brass/Copper	30%			2033	* *	1		
Water Heater								
Gas Fired	100%			2022	$29,400	2	$1,800	
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 102 - Q

Asset # : 1583

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-4 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2049	* *	1-2	$24,800	
Fire Pump								
No Component	30%							
Generic	70%			2036	* *	1	$16,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 103 - BX**
Address : **4125 CARPENTER AVENUE @E. 229 STREET**
Borough : **BRONX**
Agency's Number : **X103**
Program / Asset # : **BOE0243.000 / 433**
Yr Built/Renovated : **1932 / 2007**
Area Sq Ft : **86,000**
Project Type : **EDUCATION**
Date of Survey : **16-Feb-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4823** **Lot** : **1**
BIN : **2062883**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$224,400	$227,100
Interior Architecture	$449,100	$294,200
Electrical	$204,400	$1,968,100
Mechanical	$54,400	$1,034,300
Total	**$932,300**	**$3,523,700**
Importance Code A	$224,400	$264,100
Importance Code B	$707,900	$3,259,600
Total	**$932,300**	**$3,523,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$9,900	$31,400		$3,300
Electrical	$19,900	$9,200	$3,000	$2,400
Mechanical	$16,900	$12,500	$20,200	$13,300
Total	**$46,700**	**$53,000**	**$23,200**	**$19,000**
Importance Code A	$8,700	$8,900	$8,700	$8,700
Importance Code B	$34,700	$44,100	$14,400	$10,200
Importance Code C	$3,300			
Total	**$46,700**	**$53,000**	**$23,200**	**$19,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$67,700	
Masonry: Fieldstone	10%			LIFE	* *	5	$6,800	
Masonry: Granite	3%			LIFE	* *	5	$2,000	
Masonry: Limestone	12%			LIFE	* *	5	$8,100	
Windows								
Wood	100%			2045	* *	5	$318,800	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,200	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Roof								
Built-Up (BUR)	95%	Now	$65,000	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Fourth Floor								
Copper/Terne	5%			2051	* *	10	$9,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,900	
Ceramic Tile	5%			2032	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	40%			2018	$449,100	3	$19,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	20%			2023	$224,500	3	$13,200	
Wood	20%			2038	* *	5	$49,500	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,600	
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$27,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$3,100	
Plaster	85%			LIFE	* *	5	$69,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms Facing Carpenter Avenue, Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$9,000	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	85%			2022	$152,500	5	$1,900	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$204,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	60%			2036	* *	5	$300	
Locally Mounted	10%	2-4	$7,600	2043	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Motor Control Center	30%			2021	$87,800	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$960,300	10	$79,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2023	$14,100	10	$100	
Egress Lighting								
Emergency, Battery	30%			2028	* *	10	$6,400	
Exit, Service	70%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$324,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside, Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$15,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$87,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,500	
Terminal Devices								
Air Handler	30%			2023	$142,700	1	$16,400	
Convector/Radiator	70%			2021	$583,300	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$54,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,200	
Exhaust Fans								
Interior	100%	Now	$2,000	2023	$97,500	2	$2,200	
Broken, Extent : Severe, Area Affected : 15%								
Location : 2 Sets Of Bearings. Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2021	$210,800	1		
Water Heater								
Gas Fired	100%			2021	$20,500	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 103 - BX

Asset # : 433

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 104 - BK**		
Address	: **9115 5TH AVENUE @92 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K104**
Program / Asset #	: **BOE0415.000 / 1376**	**Yr Built/Renovated**	: **1907 / 2008**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6088** **Lot** : **1**	**BIN**	: **3154775**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$605,900	$165,900
Interior Architecture	$384,400	$810,200
Electrical	$302,900	$1,605,300
Mechanical	$531,400	$1,449,400
Total	**$1,824,600**	**$4,030,700**
Importance Code A	$605,900	$688,600
Importance Code B	$1,218,700	$3,297,500
Importance Code C		$44,600
Total	**$1,824,600**	**$4,030,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,100		$4,700	
Interior Architecture	$30,900	$9,300		$1,300
Electrical	$1,400	$2,500	$54,000	$1,400
Mechanical	$49,200	$14,200	$37,600	$15,000
Total	**$101,600**	**$26,000**	**$96,300**	**$17,700**
Importance Code A	$30,000	$9,900	$14,800	$9,900
Importance Code B	$67,000	$16,200	$81,500	$7,800
Importance Code C	$4,600			
Total	**$101,600**	**$26,000**	**$96,300**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$500,500	LIFE	* *	5	$165,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,500	
Windows								
Aluminum	100%	0-2	$105,400	2040	* *	5	$25,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	0-2	$5,200	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$8,100	
Masonry: Brick	40%			LIFE	* *	5	$6,500	
Pre-Cast Concrete	5%	0-2	$2,900	LIFE	* *	5	$5,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	30%	Now	$3,200	2033	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	62%	Now	$8,800	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2052	* *	10	$7,800	
Copper/Terne	3%			2039	* *	10	$4,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,300	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Crawl Space In Basement								
Ceramic Tile	3%			2027	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	50%			2024	$634,900	3	$28,000	
Vinyl Tile	7%	Now	$88,900	2034	* *	3	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafetereia								
Poor Subfloor Evident, Extent : Severe, Area Affected : 50%								
Location : Cafeteria								
Wood	30%	4+	$295,500	2039	* *	5	$42,000	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$9,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$44,600	
Ceilings								
Exposed Concrete	5%	Now	$24,000	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Plaster	95%			LIFE	* *	5	$88,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	95%			2024	$162,500	5	$400	
Fused Disc Sw	5%			2044	* *	5		
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	15%			2023	$26,900	5	$300	
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	80%			2023	$143,500	5	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$76,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2024	$178,900	1		
Motor Controllers								
Locally Mounted	100%	2-4	$75,500	2044	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	70%			2024	$775,800	10	$64,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	30%			2029	* *	10	$27,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-5 Lamps								
Egress Lighting								
Emergency, Service	50%			2019	$24,500	1		
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Alarm								
Security System								
No Component	85%							
Generic	15%			2024	$44,000	1	$5,400	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$150,700	1-3	$9,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - BK

Asset # : 1376

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$245,700	5	$30,900	
Conversion Equipment								
Steam Boiler	100%			2022	$485,700	1	$98,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,800	2034	* *	4	$4,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Various Areas								
Terminal Devices								
Air Handler	20%			2019	$107,600	1	$12,300	
Convector/Radiator	70%			2022	$659,700	1	$22,600	
Fan Coil Unit/Heat	10%			2019	$149,400	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$164,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,600	
Exhaust Fans								
Interior	100%			2019	$110,300	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$23,200	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$58,200	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 104 - Q**		
Address	: **26-01 MOTT AVENUE @BAY 28 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q104**
Program / Asset #	: **BOE0754.000 / 1585**	**Yr Built/Renovated**	: **1937 / 1998**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15693** **Lot** : **1**	**BIN**	: **4442313**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$336,300	$400,900
Interior Architecture	$180,200	$46,000
Electrical	$326,200	$1,439,800
Mechanical	$142,400	$1,632,700
Total	**$985,100**	**$3,519,400**
Importance Code A	$336,300	$782,500
Importance Code B	$648,700	$2,736,900
Total	**$985,100**	**$3,519,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,700			
Interior Architecture	$1,600	$27,800	$6,600	
Electrical	$33,000	$42,700	$3,100	$2,600
Mechanical	$22,400	$44,200	$15,900	$10,100
Total	**$66,700**	**$114,700**	**$25,600**	**$12,700**
Importance Code A	$16,600	$7,200	$7,000	$7,000
Importance Code B	$50,100	$103,800	$18,600	$5,700
Importance Code C		$3,700		
Total	**$66,700**	**$114,700**	**$25,600**	**$12,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$54,800	
Masonry: Brick	5%	Now	$9,700	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Granite Panels	5%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	Now	$201,000	2039	* *	5	$12,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	Now	$66,800	LIFE	* *	5	$11,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Interior Face								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Masonry: Limestone	15%			LIFE	* *	5	$2,600	
Roof								
Built-Up (BUR)	100%	Now	$68,600	2023	$343,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor, Room 309								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2032	* *	5	$3,200	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	50%			2028	* *	3	$19,900	
Vinyl Tile	20%			2018	$180,200	3	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs Corridors								
Explanation : 9x9 Units								
Wood	20%			2038	* *	5	$39,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Glass: Single Pane	5%			LIFE	* *	5	$4,000	
Masonry: Brick	8%			LIFE	* *			
Operable Wall	2%			2033	* *	5	$7,500	
Plaster	55%			LIFE	* *	5	$17,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$15,800	
AcousTileSusp.Lay-In	3%			2028	* *	5	$3,200	
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$46,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	10%			2043	* *	5		
Fused Knife Sw	90%	2-4	$132,000	2053	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%	2-4	$6,700	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Disc Sw	5%			2022	$6,700	5	$100	
Fused Knife Sw	10%	2-4	$13,500	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	75%			2022	$100,900	5	$1,400	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$37,800	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	50%			2021	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe. On Extended Life.								
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$746,900	10	$61,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$5,700	10		
Incandescent	4%			2018	$31,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$8,500	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$260,600	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	60%							
Generic	40%			2023	$83,500	1	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm, Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$17,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$174,300	5	$21,900	
Conversion Equipment								
Steam Boiler	100%	Now	$6,900	2021	$344,600	1	$63,100	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : #2 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,900	2023	$494,200	4	$3,500	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Return Pump, And Return Pipe Behind The Boiler Room								
Terminal Devices								
Air Handler	30%			2023	$114,500	1	$13,100	
Convector/Radiator	60%			2021	$401,100	1	$13,700	
Fan Coil Unit/Heat	10%			2018	$106,000	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$36,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,500	
Exhaust Fans								
Interior	80%			2023	$62,600	2	$1,700	
Roof	20%			2018	$11,300	2	$400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 104 - Q

Asset # : 1585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$2,200	2023	$22,000	4	$7,000	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$41,300	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 105 - BK**
Address : **1031 59 STREET @ FT. HAMILTON PKWY.**
Borough : **BROOKLYN**
Agency's Number : **K105**
Program / Asset # : **BOE0416.000 / 2850**
Yr Built/Renovated : **1926 / 2000**
Area Sq Ft : **109,000**
Project Type : **EDUCATION**
Date of Survey : **24-Oct-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **5702** **Lot** : **1**
BIN : **3140612**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$334,000	$158,700
Interior Architecture	$711,500	$228,600
Electrical	$1,673,300	$733,000
Mechanical	$96,500	$294,900
Total	**$2,815,200**	**$1,415,200**
Importance Code A	$334,000	$179,700
Importance Code B	$2,481,300	$1,192,500
Importance Code C		$43,000
Total	**$2,815,200**	**$1,415,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,300			
Interior Architecture	$18,000	$6,300	$8,600	$4,200
Electrical	$3,000	$72,000	$2,600	$2,100
Mechanical	$32,200	$16,000	$25,300	$16,000
Total	**$70,600**	**$94,200**	**$36,400**	**$22,200**
Importance Code A	$28,400	$11,200	$11,200	$11,100
Importance Code B	$29,000	$83,000	$25,300	$11,100
Importance Code C	$13,100			
Total	**$70,600**	**$94,200**	**$36,400**	**$22,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$17,300	LIFE	* *	5	$30,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$48,000	
Masonry: Brick	90%	Now	$166,900	LIFE	* *	5	$110,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout West Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$88,200	2039	* *	5	$21,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,500	
Masonry: Brick	93%			LIFE	* *	5	$13,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,800	
Roof								
Built-Up (BUR)	100%			2028	* *	10	$78,900	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$11,000	
Ceramic Tile	3%			2026	$97,300	5	$5,000	
Marble Panels	2%	Now	$4,900	LIFE	* *	5	$2,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Exits #2 And #8								
Vinyl Tile	41%			2028	* *	3	$25,700	
Vinyl Tile	30%			2018	$426,900	3	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9								
Vinyl Tile	20%	Now	$284,600	2033	* *	3	$12,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 9x9 Tiles								
Wood	1%			2051	* *	5	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%	Now	$13,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : East Facade - At Fifth, Fourth, And Third Floors								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Fifth Floor								
Explanation : Open Joint At Rusted Spandrel Beam								
Metal Panel	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$43,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$3,900	
Plaster	85%			LIFE	* *	5	$88,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$500	
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Fused Disc Sw	5%			2022	$9,000	5	$100	
Molded Case Bkrs	80%			2022	$143,500	5	$2,300	
Molded Case Bkrs	10%			2045	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$59,700	1		
Thermoplastic	10%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	20%			2028	* *	10	$20,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Kitchen, Bathrooms And Stairs								
Explanation : T-8 Lamps								
Fluorescent	74%			2018	$919,100	10	$75,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$26,800	10	$100	
Incandescent	3%			2018	$37,300	2	$100	
Egress Lighting								
Emergency, Service	50%			2018	$27,500	1		
Exit, Service	50%			2018	$15,100	1		
Exterior Lighting								
HID	100%			2018	$411,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$20,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$110,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$39,000	2033	* *	4	$5,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	15%			2023	$90,400	1	$10,400	
Convector/Radiator	75%			2028	* *	1	$27,100	
Fan Coil Unit/Heat	10%			2023	$167,400	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$57,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,300	
Exhaust Fans								
Interior	30%	Now	$7,400	2023	$37,100	2	$800	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : Auditorium And House Exhaust Broken								
Roof	10%			2023	$8,900	2	$300	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2033	* *	1		
Galv Iron/Steel	75%			2028	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater								
Gas Fired	100%			2021	$26,000	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gal Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : 1st Fl, Kitchen, Basement And Outdoor Play Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BK

Asset # : 2850

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2028	* *	4	$1,600	
Unit Inoperable, Extent : Light, Area Affected : 25%								
Location : Basement								
Pool Filter/Treatment								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2028	* *	1	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 105 - BX**		
Address	: **725 BRADY AVENUE @CRUGER AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X105**
Program / Asset #	: **BOE0245.000 / 2688**	**Yr Built/Renovated**	: **1930 / 2001**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **4288** **Lot** : **1**	**BIN**	: **2048794**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,500	$161,000
Interior Architecture	$922,200	$303,700
Electrical	$530,700	$1,882,300
Mechanical	$401,600	$86,400
Total	**$1,890,100**	**$2,433,400**
Importance Code A	$35,500	$198,000
Importance Code B	$1,796,600	$2,235,400
Importance Code C	$57,900	
Total	**$1,890,100**	**$2,433,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$9,700	$17,400
Interior Architecture		$3,600	$27,000	$1,800
Electrical	$20,000	$3,600	$42,500	$2,900
Mechanical	$51,900	$14,200	$83,500	$14,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$75,800**	**$25,300**	**$166,700**	**$40,200**
Importance Code A	$9,500	$9,500	$19,500	$27,000
Importance Code B	$66,300	$15,800	$147,200	$13,300
Importance Code C				
Total	**$75,800**	**$25,300**	**$166,700**	**$40,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$77,100	
Masonry: Brick	85%			LIFE	* *	5	$83,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%			2040	* *	5	$34,800	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,700	
Copper/Terne	10%			2044	* *	5	$7,200	
Masonry: Brick	83%			LIFE	* *	5	$12,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	2%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%	Now	$35,500	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Room 419								
Copper/Terne	2%			2052	* *	10	$4,100	
Copper/Terne	3%			2039	* *	10	$6,100	
Interior								
Floors								
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	55%			2019	$674,900	3	$29,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	20%			2024	$245,400	3	$10,800	
Vinyl Tile	10%	Now	$122,700	2034	* *	3	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Wood	10%			2039	* *	5	$27,100	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$57,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Plaster	60%			LIFE	* *	5	$26,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$66,700	2044	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2029	* *	5	$7,200	
Exposed Concrete	25%			LIFE	* *	5	$5,600	
Plaster	65%			LIFE	* *	5	$58,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 419								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	20%			2023	$35,900	5	$400	
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	60%			2023	$107,600	5	$1,500	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$153,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2037	* *	5	$600	
Locally Mounted	10%	2-4	$7,600	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	88%			2024	$942,600	10	$77,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$8,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	1%			2019	$7,700	10		
Incandescent	1%			2019	$10,700	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$355,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$85,300	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$292,100	1-3	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$29,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$95,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$13,500	2034	* *	4	$4,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Terminal Devices								
Air Handler	30%			2019	$156,000	1	$17,900	
Convector/Radiator	60%			2029	* *	1	$18,700	
Fan Coil Unit/Heat	10%			2019	$144,400	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$19,800	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$16,600	LIFE	* *	2-5	$53,800	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Vibration Separators Are Ripped								
Exhaust Fans								
Interior	95%			2019	$101,300	2	$2,800	
Roof	5%			2019	$3,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$86,400	1		
Water Heater								
Gas Fired	100%			2019	$22,400	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Storm Drain Leaking And Washing Away Front Steps								
Backflow Preventer								
Generic	100%			2032	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - BX

Asset # : 2688

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$33,800	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 105 - Q**				
Address	: **420 BEACH 51 STREET @ BEACH CHANNEL DR**				
Borough	: **QUEENS**		**Agency's Number**	: **Q105**	
Program / Asset #	: **BOE0755.000 / 1586**		**Yr Built/Renovated**	: **1958 / 2014**	
Area Sq Ft	: **86,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Mar-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **15974**	**Lot** : **3**	**BIN**	: **4302397**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$415,500	$124,900
Interior Architecture	$827,800	$45,100
Electrical	$1,341,000	$515,900
Mechanical	$268,300	$1,723,700
Total	**$2,852,600**	**$2,409,500**
Importance Code A	$415,500	$124,900
Importance Code B	$2,437,100	$2,284,600
Total	**$2,852,600**	**$2,409,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$75,900		$3,900	$14,800
Interior Architecture	$86,200	$3,300		$10,200
Electrical	$600	$1,200	$1,500	$38,900
Mechanical	$36,400	$4,900	$11,100	$53,100
Total	**$199,200**	**$9,300**	**$16,500**	**$117,000**
Importance Code A	$75,900		$3,900	$14,800
Importance Code B	$93,800	$9,300	$12,600	$102,200
Importance Code C	$29,500			
Total	**$199,200**	**$9,300**	**$16,500**	**$117,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$20,100	
Masonry: Brick	40%			LIFE	* *	5	$32,100	
Metal/Glass Curt Wall	55%	Now	$350,400	LIFE	* *	5	$82,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	1%	Now	$12,500	2050	* *	5	$100	
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor, South Facade & Throughout								
Explanation : Seals at Window Heads Defective/Missing								
Aluminum	99%			2050	* *	5	$29,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,300	LIFE	* *	5	$13,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%	Now	$24,500	LIFE	* *	5	$8,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Weepholes Not Funct, Extent : Light, Area Affected : 5%								
Location : South Wing, North Facade								
Metal Rail	35%			2038	* *	5-10	$107,200	
Granite Panels	5%			LIFE	* *	5	$900	
Roof								
Copper/Terne	2%			2053	* *	10	$4,700	
IRMA/Protected Membrane	93%	Now	$34,600	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roll Roofing	5%			2024	$19,300	5	$7,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	3%	Now	$15,400	2034	* *	5	$2,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Boys And Girls Toilets								
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	62%	Now	$696,100	2035	* *	3	$30,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	20%			2030	* *	3	$9,900	
Wood	5%	0-2	$10,900	2053	* *	5	$6,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$5,500	2034	* *	5	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,300	
Glazed Ceramic Panel	35%			LIFE	* *			
Masonry: Brick	2%			LIFE	* *			
Plaster	45%	Now	$24,000	LIFE	* *	5	$17,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Corridor And Classrooms At Windows								
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : 3rd Floor At Windows								
Wood	5%			LIFE	* *	5	$26,600	
Ceilings								
AcousTile,Adhered	25%	0-2	$30,500	2030	* *	5	$16,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	Now	$84,400	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Crawl Space At South Wing								
Plaster	55%	Now	$47,300	LIFE	* *	5	$45,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Molded Case Bkrs	80%			2024	$143,500	5	$1,800	
Molded Case Bkrs	20%			2033	* *	5	$500	
Wiring								
Braided Cloth	60%	Now	$153,300	2050	* *	1		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	35%			2025	$89,400	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	86%			2020	$842,700	10	$69,600	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2030	* *	10	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	2%			2020	$14,100	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Sodium								
Incandescent	2%			2020	$19,600	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	10%			2030	* *	10	$2,100	
Exit, Service	50%			2030	* *	1		
Exit, Battery	40%			2030	* *	10	$2,400	
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$52,000	1	$6,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	Now	$267,200	2035	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2025	$217,300	5	$27,300	
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : School Yard								
Explanation : Temporary Boiler In Use								
Distribution								
Steam Piping/Pump	100%			2025	$616,000	4	$6,500	
Terminal Devices								
Air Handler	40%			2020	$190,300	1	$21,800	
Convector/Radiator	60%			2023	$500,000	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2023	$108,800	1		
Window/Wall Unit	10%	Now	$18,100	2025	$18,100	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : 2nd & 3rd Floors								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 105 - Q

Asset # : 1586

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2020	$78,000	2	$2,200	
Roof	20%			2020	$14,000	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2023	$263,500	1		
Water Heater								
Gas Fired	100%			2020	$20,500	2	$1,300	
HW Heat Exchanger								
Low Temp	100%			2025	$27,400	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 106 - BK**		
Address	: **1314 PUTNAM AVENUE BTWN: WILSON AVE., KNICKERBOCKER**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K106**
Program / Asset #	: **BOE0417.000 / 1377**	**Yr Built/Renovated**	: **1894 / 2000**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3376** **Lot** : **34**	**BIN**	: **3077286**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$112,100	$149,400
Interior Architecture	$800,900	$649,500
Electrical	$178,900	$1,822,400
Mechanical		$1,620,600
Total	**$1,091,900**	**$4,242,000**
Importance Code A	$112,100	$182,700
Importance Code B	$871,300	$4,018,700
Importance Code C	$108,500	$40,600
Total	**$1,091,900**	**$4,242,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,900			
Interior Architecture	$146,800		$3,200	$7,200
Electrical	$10,100		$300	$900
Mechanical	$33,400	$13,400	$13,300	$12,200
Total	**$234,200**	**$13,400**	**$16,800**	**$20,200**
Importance Code A	$52,400	$8,500	$8,500	$8,500
Importance Code B	$111,100	$5,000	$8,300	$11,800
Importance Code C	$70,600			
Total	**$234,200**	**$13,400**	**$16,800**	**$20,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$224,100	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brownstone	15%			LIFE	* *	5	$33,600	
Masonry: Limestone	5%			LIFE	* *	5	$11,200	
Metal Panel	5%			2046	* *	5-10	$51,400	
Windows								
Aluminum	100%			2042	* *	5	$43,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Asphalt Shingle	90%			2035	* *	10	$8,000	
Modified Bitumen	10%			2034	* *	10	$5,300	
Interior								
Floors								
Carpet	5%			2025	$81,600	3	$9,600	
Cast in Place Concrete	10%			LIFE	* *	5	$55,900	
Ceramic Tile	5%	Now	$12,400	2029	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%	Now	$38,000	2026	$380,300	3	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2021	$140,800	3	$6,400	
Wood	35%	Now	$295,000	2041	* *	5	$41,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$22,000	2029	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$17,700	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	Now	$31,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$108,500	LIFE	* *	5	$40,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	2%	Now	$2,100	2039	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	80%	Now	$359,400	LIFE	* *	5	$46,000	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$22,000	
Plaster	13%			LIFE	* *	5-10	$28,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Fourth Floor								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$33,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps For Emergency Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	20%			2042	* *	5	$400	
Molded Case Bkrs	70%			2025	$125,600	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2026	$51,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$300	
Locally Mounted	50%			2024	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$75,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$13,600	10	$100	
Incandescent	2%			2021	$19,000	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$10,300	
Exit, Service	40%			2031	* *	1		
Exit, Service	10%			2021	$2,300	1		
Exterior Lighting								
HID	100%			2021	$313,500	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$859,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7500 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$84,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%	Now	$9,500	2026	$476,900	4	$3,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	20%			2046	* *	4	$1,300	
Terminal Devices								
Convector/Radiator	90%			2024	$725,800	1	$24,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2026	$127,800	1	$2,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2024	$35,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$7,500	
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
No Component	90%							
Exhaust Fans								
Roof	10%			2036	* *	2	$300	
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Roof								
No Component	90%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$255,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$19,900	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 250 Gals Unit								
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	5%	0-2	$9,300	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Boys Lower Level Toilet Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BK

Asset # : 1377

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Dual System								
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 106 - BX**
Address : **2120 ST. RAYMOND AVENUE @ODELL ST.**
Borough : **BRONX** | **Agency's Number** : **X106**
Program / Asset # : **BOE0246.000 / 407** | **Yr Built/Renovated** : **1932 / 2008**
Area Sq Ft : **78,200** | **Project Type** : **EDUCATION**
Date of Survey : **28-Sep-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3946** **Lot** : **7** | **BIN** : **2041211**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$83,200	$47,500
Interior Architecture	$561,500	$505,400
Electrical	$1,516,300	$431,000
Mechanical	$611,500	$454,600
Total	**$2,772,500**	**$1,438,400**
Importance Code A	$83,200	$84,500
Importance Code B	$2,689,300	$1,354,000
Total	**$2,772,500**	**$1,438,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,000			$30,500
Interior Architecture	$13,500	$13,900		$4,500
Electrical	$11,900	$20,400	$1,700	$1,500
Mechanical	$40,500	$23,500	$18,400	$11,000
Total	**$87,900**	**$57,800**	**$20,100**	**$47,600**
Importance Code A	$30,000	$8,100	$7,900	$38,400
Importance Code B	$48,200	$49,700	$12,200	$9,100
Importance Code C	$9,700			
Total	**$87,900**	**$57,800**	**$20,100**	**$47,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$43,800	
Masonry: Brick	5%	Now	$22,000	LIFE	* *	5	$3,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Masonry: Granite	5%			LIFE	* *	5	$2,700	
Masonry: Limestone	30%			LIFE	* *	5	$16,400	
Windows								
Aluminum	100%			2045	* *	5	$27,200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$13,100	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	10%			2040	* *	5-10	$27,900	
Roof								
Built-Up (BUR)	98%			2028	* *	10	$83,200	
Copper/Terne	2%			2051	* *	10	$4,200	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,400	
Ceramic Tile	5%			2026	$116,300	5	$6,000	
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	50%			2018	$510,500	3	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	25%			2023	$255,200	3	$15,000	
Vinyl Tile	5%	Now	$51,000	2033	* *	3	$2,300	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stair Landings								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Stair Landings								
Wood	3%			2038	* *	5	$6,800	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$9,700	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Plaster	40%			LIFE	* *	5	$14,500	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2028	* *	5	$6,000	
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Fiber Board	10%			2023	$77,900			
Plaster	75%			LIFE	* *	5	$55,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps And One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	80%			2023	$99,100	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	70%			2022	$94,200	5	$1,400	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	82%			2018	$730,700	10	$60,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2031	* *	10	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-12 Lamps								
HID	3%			2023	$19,200	10	$100	
Incandescent	2%			2018	$17,800	2		
Egress Lighting								
Emergency, Battery	50%			2023	$54,100	10	$9,700	
Exit, Service	50%			2023	$10,800	1		
Exterior Lighting								
HID	100%			2018	$295,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$283,500	1-3	$16,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$24,900	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$79,400	
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : Both Boilers Undergoing Repair, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,000	2033	* *	4	$4,000	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Traps, Vacuum Condensate Pumps And Return Lines								
Terminal Devices								
Air Handler	10%			2018	$43,300	1	$5,000	
Convector/Radiator	60%			2021	$454,600	1	$15,500	
Fan Coil Unit/Heat	30%			2018	$360,300	1	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - BX

Asset # : 407

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$123,700	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,700	
Exhaust Fans								
Interior	95%	Now	$1,700	2018	$84,200	2	$1,900	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Flexible Connections, Basement								
Roof	5%			2023	$3,200	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$18,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 106 - Q**
Address : **180 BEACH 35 STREET @ EDGEMERE AVE.**
Borough : **QUEENS**
Agency's Number : **Q106**
Program / Asset # : **BOE0756.000 / 1587**
Yr Built/Renovated : **1931 / 2013**
Area Sq Ft : **23,000**
Project Type : **EDUCATION**
Date of Survey : **17-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **15861** **Lot** : **35** **BIN** : **4441244**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$73,800	
Interior Architecture	$36,000	$240,200
Electrical		$146,700
Mechanical	$70,700	
Total	**$180,400**	**$386,900**
Importance Code A	$73,800	
Importance Code B	$106,700	$386,900
Total	**$180,400**	**$386,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,500		$3,100	
Interior Architecture	$90,900	$1,800		$1,800
Electrical	$27,300	$800	$27,200	$600
Mechanical	$8,000	$4,700	$45,700	$3,300
Total	**$159,700**	**$7,200**	**$76,000**	**$5,700**
Importance Code A	$35,800	$2,300	$5,500	$2,300
Importance Code B	$82,600	$4,900	$70,500	$3,300
Importance Code C	$41,200			
Total	**$159,700**	**$7,200**	**$76,000**	**$5,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$17,200	
Masonry: Granite	5%			LIFE	* *	5	$800	
Masonry: Limestone	15%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	2-4	$33,500	2040	* *	5	$4,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$4,100	
Masonry: Limestone	10%			LIFE	* *	5	$600	
Roof								
Built-Up (BUR)	93%			2032	* *	10	$23,200	
Copper/Terne	5%			2059	* *	10	$3,100	
Skylight, Metal/Glass	2%	Now	$73,800	2054	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$3,700	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%	0-2	$25,400	2029	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$2,600	
Terrazzo	2%			LIFE	* *	5	$600	
Vinyl Tile	40%	0-2	$36,000	2024	$120,100	3	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	40%			2024	$120,100	3	$5,300	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Explanation : 9 X 9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$5,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$500	
Masonry: Brick	10%	0-2	$13,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	0-2	$10,700	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	8%	Now	$11,000	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Exit @ Stair #8								
Ceilings								
AcousTileConcealSpLn	20%			2037	* *	5	$8,800	
Exposed Concrete	15%			LIFE	* *	5	$800	
Plaster	65%	0-2	$15,000	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Throughout Basement								
Explanation : Electrical Systems Damaged By Super Storm Sandy								
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	80%			2023	$59,800	5	$500	
Molded Case Bkrs	10%			2032	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	40%	0-2	$26,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Thermoplastic	50%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$21,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2019	$5,200	2		
Egress Lighting								
Emergency, Service	50%			2024	$5,800	1		
Exit, Service	50%			2024	$3,200	1		
Exterior Lighting								
HID	100%			2024	$86,900	10	$100	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$17,400	1	$2,200	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2029	* *	1-3	$3,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : This Building Experienced Flooding From Hurricane Sandy								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$23,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$1,700	
Terminal Devices								
Air Handler	20%	Now	$2,500	2029	* *	1	$2,600	
Noisy/Vibrating, Extent : Severe, Area Affected : 20%								
Location : Various Areas								
Convector/Radiator	60%			2029	* *	1	$4,600	
Fan Coil Unit/Heat	20%			2019	$70,700	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$1,700	2019	$34,000	1		
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Areas								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$3,900	
No Component	70%							
Exhaust Fans								
Interior	30%	Now	$800	2019	$7,800	2	$200	
Noisy/Vibrating, Extent : Severe, Area Affected : 30%								
Location : Basement								
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2044	* *	1		
Galv Iron/Steel	20%			2022	$14,100	1		
Water Heater								
Electric	100%			2023	$3,700	4	$100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gas Fired Unit Has Been Removed, Temporary Electric Unit In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q

Asset # : 1587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : There Is No Electric Power Yet, Due To Installation Of Electric Panel Replacement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$8,300	1-2	$200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

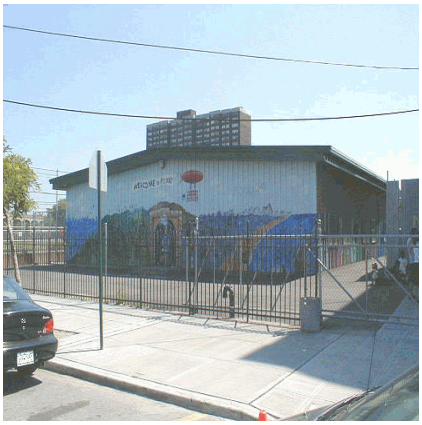
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 106 - Q MINISCHOOL**				
Address	: **180 BEACH 35 STREET @ EDGEMERE AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q806**
Program / Asset #	: **BOE0756.010 / 2765**			**Yr Built/Renovated**	: **1973 / 2013**
Area Sq Ft	: **12,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **15861**	**Lot**	: **35**	**BIN**	: **4441244**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,300	$94,000
Total	**$35,300**	**$94,000**
Importance Code A	$35,300	$94,000
Total	**$35,300**	**$94,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,500			
Interior Architecture	$26,800			
Total	**$50,200**			
Importance Code A	$23,500			
Importance Code B	$8,800			
Importance Code C	$17,900			
Total	**$50,200**			



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q MINISCHOOL

Asset # : 2765

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2034	* *	5-10	$129,300	
Deformed/Dented, Extent : Light, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Wall Mural								
Windows								
Aluminum	100%	Now	$2,400	2032	* *	5	$1,400	
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Rooms M211, M3 And Medical Room								
Roof								
Metal Panel	100%	4+	$21,100	2037	* *			
Not Insulated, Extent : Moderate, Area Affected : 40%								
Location : Perimeter								
Interior								
Floors								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Hurricane Sandy Damage - Flooring To Be Repaired Or Replaced								
Interior Walls								
Concrete Masonry Unit	50%	Now	$17,900	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Room								
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$17,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Electrical Systems Damaged By Super Storm Sandy								
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Under Construction	100%							
Panelboards								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q MINISCHOOL

Asset # : 2765

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Under Construction	100%							
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Under Construction	100%							
Lighting								
Interior Lighting								
Under Construction	100%							
Egress Lighting								
Under Construction	100%							
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : This Building Experienced Flooding From Hurricane Sandy - It Is Closed For Repairs								
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Air Conditioning								
Energy Source								
Not Accessible	100%							
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 106 - Q MINISCHOOL

Asset # : 2765

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Not Accessible	100%							
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Not Accessible	100%							
Water Heater								
Not Accessible	100%							
HW Heat Exchanger								
Not Accessible	100%							
Sanitary Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Not Accessible	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 107 - BK**		
Address	: **1301 8TH AVENUE @ 13TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K107**
Program / Asset #	: **BOE0418.000 / 1378**	**Yr Built/Renovated**	: **1894 / 2010**
Area Sq Ft	: **40,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2013**	**Landmark Status**	: **EXTERIOR, HISTORICAL DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1101** **Lot** : **1**	**BIN**	: **3026517**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$113,900
Interior Architecture	$42,900	$38,500
Electrical		$860,400
Mechanical	$69,300	$117,400
Total	**$112,200**	**$1,130,200**
Importance Code A		$113,900
Importance Code B	$112,200	$1,016,300
Total	**$112,200**	**$1,130,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$14,600
Interior Architecture	$43,200	$5,800	$2,700	$5,800
Electrical		$500		$300
Mechanical	$19,800	$13,200	$16,700	$23,800
Total	**$63,000**	**$19,500**	**$19,400**	**$44,400**
Importance Code A	$4,100	$4,100	$4,100	$18,800
Importance Code B	$15,800	$15,400	$14,100	$25,700
Importance Code C	$43,200		$1,200	
Total	**$63,000**	**$19,500**	**$19,400**	**$44,400**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$56,300	
Masonry: Brick	80%			LIFE	* *	5	$57,600	
Masonry: Brownstone	10%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%			2050	* *	5	$20,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,200	
Masonry: Brick	90%			LIFE	* *	5	$6,000	
Roof								
Asphalt Shingle	99%			2040	* *	10	$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	1%			2035	* *	10	$300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$13,500	
Ceramic Tile	5%			2034	* *	5	$3,100	
Vinyl Tile	75%	Now	$42,900	2030	* *	3	$17,300	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2053	* *	5	$11,500	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,300	
Concrete Masonry Unit	7%			LIFE	* *	5	$2,100	
Masonry: Brick	10%	Now	$16,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Stairs A / B, C / D								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Electrical Room, Stairs A / B, C / D								
Plaster	80%	Now	$26,900	LIFE	* *	5	$18,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 301, 305, 307 Throughout								
Ceilings								
Plaster	100%			LIFE	* *	5	$38,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For The Fire Pump								
Fused Disc Sw	25%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps For Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$200	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	90%			2033	* *	5	$900	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$499,300	10	$37,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$30,300	10	$5,000	
Exit, Service	50%			2025	$6,100	1		
Exterior Lighting								
HID	100%			2025	$165,000	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2025	$158,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$40,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Heat Exchangers Convert Hot Water For Heating Devices								
Distribution								
Hot Wtr Piping/Pump	90%			2041	* *	4	$2,700	
Steam Piping/Pump	10%			2045	* *	4	$300	
Terminal Devices								
Air Handler	30%			2025	$72,700	1	$7,600	
Convector/Radiator	70%			2030	* *	1	$9,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2030	* *	1	$2,900	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	75%			2020	$69,300	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2045	* *	4	$500	
No Component	85%							
Terminal Devices								
Direct Expansion	15%			2025	$18,800	1		
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2030	* *	2	$4,300	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,900	
Exhaust Fans								
Interior	90%			2025	$44,700	2	$1,100	
Roof	10%			2025	$3,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$10,500	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BK

Asset # : 1378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2030	* *	1	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$21,500	
Sprinkler								
Generic	100%			2035	* *	1-2	$11,500	
Fire Pump								
Generic	100%			2028	* *	1	$7,700	
Chemical System								
Generic	100%			2023	$28,500	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 107 - BX**		
Address	: **1695 SEWARD AVENUE @ CROES AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X107**
Program / Asset #	: **BOE0247.000 / 408**	**Yr Built/Renovated**	: **1937 / 2002**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3591** **Lot** : **50**	**BIN**	: **2021972**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$69,900
Interior Architecture	$548,900	$52,900
Electrical	$171,900	$408,700
Mechanical	$165,800	$1,218,000
Total	**$886,500**	**$1,749,600**
Importance Code A		$106,900
Importance Code B	$886,500	$1,642,700
Total	**$886,500**	**$1,749,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,500			
Interior Architecture	$92,200	$12,400		$34,400
Electrical	$600	$1,100	$1,100	$10,400
Mechanical	$13,100	$12,200	$17,100	$11,400
Total	**$112,300**	**$25,700**	**$18,300**	**$56,300**
Importance Code A	$14,000	$7,500	$7,500	$7,700
Importance Code B	$61,300	$18,200	$10,700	$48,600
Importance Code C	$37,000			
Total	**$112,300**	**$25,700**	**$18,300**	**$56,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$69,900	
Masonry: Granite	5%			LIFE	* *	5	$2,900	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2041	* *	5	$27,400	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$8,800	
Masonry: Limestone	25%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	95%	Now	$5,600	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%	Now	$900	2053	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Rooms 401a And 401b								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 401a And 401b								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$5,900	LIFE	* *	5	$24,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	2-4	$33,000	2028	* *	5	$2,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$4,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Entrance								
Vinyl Tile	5%	0-2	$48,300	2035	* *	3	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Vinyl Tile	10%			2035	* *	3	$5,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	Now	$500,600	2035	* *	3	$17,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	25%			2040	* *	5	$53,300	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	2-4	$18,100	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	2%	0-2	$18,900	2028	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$17,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	22%			2038	* *	5	$24,800	
Exposed Concrete	3%			LIFE	* *	5	$500	
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Gym								
Plaster	10%	Now	$14,800	LIFE	* *	5	$7,100	
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Rooms 401a And 401b								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 401a And 401b								
Plaster	60%			LIFE	* *	5	$42,300	
Plaster	5%			LIFE	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Swicth								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2035	* *	1		
Panelboards								
Molded Case Bkrs	60%			2024	$80,700	5	$1,200	
Molded Case Bkrs	40%			2033	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2035	* *	1		
Motor Controllers								
Locally Mounted	60%			2023	$45,300	5	$300	
Locally Mounted	40%			2030	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2030	* *	10	$67,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	3%			2030	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$5,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$75,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2025	$424,000	4	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam & Condensate Piping Beyond Boiler Room, Steam And Condensate Return Piping Are Beyond Useful Life Cycle Rating								
Steam Piping/Pump	20%			2045	* *	4	$1,100	
Terminal Devices								
Air Handler	20%			2020	$81,900	1	$9,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room Blowers Are Beyond Their Useful Life Cyycle Rating								
Convector/Radiator	80%			2023	$573,600	1	$19,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Radiators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2024	$39,000	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout The Fourth Floor								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,300	
Exhaust Fans								
Interior	100%			2020	$83,900	2	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2045	* *	1		
Galv Iron/Steel	80%			2023	$181,400	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Domestic Hot And Cold Water Piping Is Beyond Useful Life Cycle Rating								
Water Heater								
Gas Fired	100%			2023	$17,700	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - BX

Asset # : 408

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 107 - Q**		
Address	: **167-02 45 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q107**
Program / Asset #	: **BOE0757.000 / 189**	**Yr Built/Renovated**	: **1925 / 2001**
Area Sq Ft	: **119,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **5446** **Lot** : **18**	**BIN**	: **4123454**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$146,900	$206,900
Interior Architecture	$758,300	$406,900
Electrical	$223,800	$2,518,600
Mechanical	$227,000	$1,437,600
Total	**$1,356,000**	**$4,570,000**
Importance Code A	$146,900	$206,900
Importance Code B	$1,209,100	$4,363,100
Total	**$1,356,000**	**$4,570,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,400			$17,000
Interior Architecture	$29,000	$8,500	$6,000	$16,000
Electrical	$9,600	$10,900	$14,500	$39,900
Mechanical	$28,600	$19,800	$29,200	$62,500
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$121,400**	**$49,100**	**$59,600**	**$145,300**
Importance Code A	$54,500	$10,300	$10,300	$27,600
Importance Code B	$66,900	$33,600	$49,300	$117,700
Importance Code C		$5,100		
Total	**$121,400**	**$49,100**	**$59,600**	**$145,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$44,700	
Masonry: Brick Cavity	77%			LIFE	* *	5	$146,900	
Masonry: Brick Cavity	8%	Now	$57,200	LIFE	* *	5	$15,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : West Fan Room								
Masonry: Granite	2%			LIFE	* *	5	$2,900	
Masonry: Limestone	5%			LIFE	* *	5	$7,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$31,000	
Windows								
Aluminum	97%			2047	* *	5	$54,000	
Glass Block	3%	Now	$4,200	LIFE	* *	5	$1,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$13,200	LIFE	* *	5	$8,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout Coping								
Masonry: Brick Cavity	65%			LIFE	* *	5	$13,600	
Masonry: Brick Cavity	27%			LIFE	* *	5	$5,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	20%			2030	* *	10	$17,000	
Copper/Terne	3%			2053	* *	10	$6,400	
Modified Bitumen	27%	Now	$40,100	2030	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : 2001 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 220, 221, 2001 Wing								
Modified Bitumen	50%	Now	$49,500	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 507, 513								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1925 Wing								
Explanation : Roof Is Covered With Rubber Pads								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$16,600	LIFE	* *	5	$17,400	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : West Fan Room								
Ceramic Tile	3%			2028	* *	5	$4,800	
Terrazzo	3%			LIFE	* *	5	$3,700	
Vinyl Tile	30%			2025	$406,900	3	$17,900	
Vinyl Tile	30%	4+	$406,900	2035	* *	3	$17,900	
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : 2001 Wing								
Vinyl Tile	5%			2033	* *	3	$3,000	
Vinyl Tile 9" X 9"	20%	Now	$351,400	2035	* *	3	$12,000	
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	4%			2040	* *	5	$12,000	
Interior Walls								
Ceramic Tile	3%			2028	* *	5	$2,600	
Ceramic Tile	9%			2038	* *	5	$7,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,400	
Glass: Single Pane	2%			LIFE	* *	5	$1,300	
Gypsum Board	10%			LIFE	* *	5	$5,100	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	58%			LIFE	* *	5	$14,900	
Ceilings								
AcousTileSusp.Lay-In	25%			2042	* *	5	$24,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Rooms 220, 221								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 220, 221								
Exposed Concrete	10%			LIFE	* *	5	$1,500	
Gypsum Board	5%			LIFE	* *	5	$6,200	
Metal Panel	5%			LIFE	* *	5	$6,200	
Plaster	55%			LIFE	* *	5	$34,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 507, 513								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2045	* *	5	$300	
Fused Disc Sw	50%			2025	$97,700	5	$300	
Raceway								
Conduit	25%			2045	* *	1		
Conduit	75%			2025	$156,500	1		
Panelboards								
Molded Case Bkrs	25%			2041	* *	5	$800	
Molded Case Bkrs	75%			2024	$134,500	5	$2,400	
Wiring								
Braided Cloth	75%	2-4	$223,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	25%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$36,600	
Generators								
Diesel	100%			2034	* *	1	$46,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 300 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$4,400	
Fuel Storage								
Day Tank	50%			2041	* *	5	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	76%			2025	$1,004,600	10	$82,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
Fluorescent	20%			2030	* *	10	$21,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T- 8 Lamps								
Fluorescent	2%			2030	* *	10	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamp								
HID	2%			2030	* *	10	$100	
Egress Lighting								
Emergency, Service	30%			2030	* *	1		
Emergency, Battery	20%			2030	* *	10	$5,700	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$449,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$108,000	1	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$369,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station, Horn And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	75%			2035	* *	5	$27,700	
Natural Gas	25%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	25%			2030	* *	1	$14,700	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Roof Of 2001 Addition								
Explanation : 6 Roof Top Units Furnace / A C								
Steam Boiler	75%	Now	$8,700	2030	* *	1	$79,600	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Burners, Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : #3 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	75%			2025	$623,200	4	$6,600	
No Component	25%							
Terminal Devices								
Air Handler	20%			2020	$128,300	1	$14,700	
Convector/Radiator	55%			2023	$618,200	1	$21,100	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2025	$196,200	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Roof Of New Addition								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Roof Of New Addition								
Explanation : 6 Roof Top Units								
Window/Wall Unit	10%	Now	$500	2020	$24,500	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Room 313								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,400	
Exhaust Fans								
Interior	75%			2020	$98,700	2	$2,700	
Roof	25%			2025	$23,700	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$27,700	2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 107 - Q

Asset # : 189

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$11,500	1	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-5								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1-2								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2035	* *	1-2	$8,300	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 108 - BK**		
Address	: **200 LINWOOD STREET @ ARLINGTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K108**
Program / Asset #	: **BOE0419.000 / 1379**	**Yr Built/Renovated**	: **1895 / 2004**
Area Sq Ft	: **65,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Jan-2012**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3926** **Lot** : **45**	**BIN**	: **3087131**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$667,300	$268,000
Interior Architecture	$221,600	$513,600
Electrical	$1,111,500	$615,600
Mechanical	$154,400	$772,600
Total	**$2,154,800**	**$2,169,800**
Importance Code A	$667,300	$308,400
Importance Code B	$1,312,800	$1,673,600
Importance Code C	$174,700	$187,800
Total	**$2,154,800**	**$2,169,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$6,300			$3,800
Electrical	$2,700	$2,700	$2,200	$1,800
Mechanical	$10,700	$8,800	$9,100	$9,700
Total	**$19,700**	**$11,500**	**$11,300**	**$15,200**
Importance Code A	$6,600	$6,800	$6,600	$6,600
Importance Code B	$13,000	$4,700	$4,700	$8,600
Importance Code C				
Total	**$19,700**	**$11,500**	**$11,300**	**$15,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$498,300	LIFE	* *	5	$99,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brownstone	15%			LIFE	* *	5	$13,200	
Windows								
Wood	100%	Now	$103,300	2039	* *	5	$168,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Parapets								
Not Accessible	100%							
Roof								
Slate	85%	Now	$65,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Not Accessible	15%							
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$32,800	
Ceramic Tile	5%			2032	* *	5	$5,000	
Vinyl Tile	30%			2023	$278,900	3	$15,000	
Wood	50%			2038	* *	5	$93,800	
Interior Walls								
Ceramic Tile	5%			2026	$187,800	5	$6,200	
Masonry: Brick	15%			LIFE	* *			
Plaster	80%	Now	$174,700	LIFE	* *	5	$29,900	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Throughout Perimeter Walls								
Ceilings								
Embossed Metal	75%			LIFE	* *	5	$33,800	
Plaster	25%			LIFE	* *	5	$15,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$40,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$80,100	5	$100	
Molded Case Bkrs	50%			2023	$80,100	5	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2023	$135,300	1		
Panelboards								
Fused Disc Sw	10%			2022	$14,700	5	$200	
Molded Case Bkrs	90%			2022	$132,300	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$133,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$57,000	1		
Motor Controllers								
Locally Mounted	50%			2021	$41,300	5	$200	
Locally Mounted	50%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	80%			2018	$649,000	10	$49,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2028	* *	10	$12,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$49,300	10	$8,100	
Exit, Service	50%			2023	$9,900	1		
Exterior Lighting								
HID	100%			2018	$268,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$7,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$12,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BK

Asset # : 1379

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$66,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$4,900	
Terminal Devices								
Convector/Radiator	90%			2021	$620,900	1	$19,400	
Fan Coil Unit/Heat	10%			2018	$109,400	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$45,000	1		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$109,100	1		
Water Heater								
Gas Fired	100%			2021	$17,000	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$42,600	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 108 - BX**
Address : **1166 NEILL AVENUE BTWN: HERING AVE., YATES AVE.**
Borough : **BRONX** | **Agency's Number** : **X108**
Program / Asset # : **BOE0248.000 / 409** | **Yr Built/Renovated** : **1938 / 2014**
Area Sq Ft : **36,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4275** **Lot** : **1** | **BIN** : **2048608**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$222,500	$72,100
Interior Architecture	$102,000	$290,800
Electrical	$46,600	$454,500
Mechanical		$798,100
Total	**$371,000**	**$1,615,500**
Importance Code A	$222,500	$72,100
Importance Code B	$111,400	$1,543,300
Importance Code C	$37,200	
Total	**$371,000**	**$1,615,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,700			
Interior Architecture	$83,500		$21,300	$2,900
Electrical	$3,700	$400	$500	$700
Mechanical	$18,800	$6,600	$8,100	$5,200
Total	**$123,700**	**$7,000**	**$29,900**	**$8,800**
Importance Code A	$21,300	$3,600	$3,600	$3,600
Importance Code B	$61,800	$3,400	$25,200	$5,300
Importance Code C	$40,600		$1,100	
Total	**$123,700**	**$7,000**	**$29,900**	**$8,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$144,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$94,200	2042	* *	5	$11,200	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$65,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$13,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2034	* *	10	$28,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2061	* *	10	$3,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,400	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	3%	Now	$3,800	2029	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	Now	$3,100	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2031	* *	3	$4,900	
Vinyl Tile 9" X 9"	35%	Now	$25,400	2021	$253,800	3	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%			2054	* *	5	$37,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$9,400	
Ceramic Tile	3%			2029	* *	5	$2,200	
Masonry: Brick	10%			LIFE	* *	10	$2,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Plaster	62%	2-4	$37,200	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$29,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$6,600	
Plaster	90%			LIFE	* *	5-10	$101,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	70%			2026	$36,800	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5		
Fused Disc Sw	5%			2025	$3,700	5		
Molded Case Bkrs	60%			2025	$44,800	5	$600	
Molded Case Bkrs	30%			2042	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$46,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$32,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	20%			2031	* *	10	$1,700	
Emergency, Battery	30%			2021	$14,600	10	$2,600	
Exit, Service	20%			2031	* *	1		
Exit, Service	30%			2021	$2,900	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$4,000	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$372,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gas Steam Boilers								
Distribution								
Steam Piping/Pump	20%			2052	* *	4	$400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Steam Piping And Equipment Are Newly Installed								
Steam Piping/Pump	80%			2026	$201,100	4	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room								
Terminal Devices								
Air Handler	20%			2021	$38,800	1	$4,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	40%			2024	$136,000	1	$4,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	40%			2021	$215,600	1	$4,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$59,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - BX

Asset # : 409

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	0-2	$2,000	2021	$39,800	2	$900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Fan Room, Defective Blower Motor								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$107,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2025	$8,400	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2034	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boilers Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 108 - M**				
Address	: **1615 MADISON AVENUE @ E.109 ST.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M108**	
Program / Asset #	: **BOE0060.000 / 1702**		**Yr Built/Renovated**	: **1952 / 1999**	
Area Sq Ft	: **88,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Dec-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1614**	**Lot** : **21**	**BIN**	: **1051584**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,700	$73,900
Interior Architecture	$40,900	
Electrical	$2,049,000	$408,600
Mechanical	$55,700	$631,600
Total	**$2,189,400**	**$1,114,100**
Importance Code A	$43,700	$513,400
Importance Code B	$2,104,700	$600,700
Importance Code C	$40,900	
Total	**$2,189,400**	**$1,114,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$16,300	$19,800	$3,400	
Electrical	$18,500	$300	$1,000	$45,300
Mechanical	$17,700	$33,700	$22,300	$38,600
Total	**$52,400**	**$53,900**	**$26,600**	**$83,800**
Importance Code A	$8,900	$8,900	$8,900	$9,100
Importance Code B	$43,500	$44,900	$17,700	$74,700
Importance Code C				
Total	**$52,400**	**$53,900**	**$26,600**	**$83,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$73,900	
Masonry: Limestone	10%			LIFE	* *	5	$6,200	
Windows								
Aluminum	95%			2041	* *	5	$29,100	
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$16,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Roof								
Built-Up (BUR)	100%	Now	$43,700	2030	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,800	
Ceramic Tile	5%			2034	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	80%			2030	* *	3	$40,500	
Wood	5%			2053	* *	5	$12,700	
Interior Walls								
Marble Panels	5%			LIFE	* *			
Plaster	75%	2-4	$40,900	LIFE	* *	5	$30,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	4+	$10,900	2038	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	2-4	$5,400	2030	* *	5	$6,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	70%			LIFE	* *	5	$14,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2045	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	25%			2024	$44,800	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Obsolete Equipment								
Molded Case Bkrs	5%			2041	* *	5	$100	
Molded Case Bkrs	55%			2024	$98,700	5	$1,300	
Wiring								
Braided Cloth	85%	2-4	$217,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2025	$25,600	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	82%			2020	$822,200	10	$67,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2030	* *	10	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
HID	3%			2020	$21,600	10	$100	
Incandescent	5%			2020	$50,100	2	$100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$60,900	10	$10,900	
Exit, Service	50%			2020	$12,200	1		
Exterior Lighting								
HID	100%			2020	$332,400	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$319,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$28,000	
Conversion Equipment								
Steam Boiler	100%			2023	$439,400	1	$89,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,500	
Terminal Devices								
Air Handler	20%			2025	$97,300	1	$11,200	
Convector/Radiator	80%			2030	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$55,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	
Exhaust Fans								
Interior	95%			2025	$94,800	2	$2,600	
Roof	5%	Now	$200	2025	$3,600	2	$100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2018	$21,000	2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - M

Asset # : 1702

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2025	$28,000	4	$13,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 108 - Q**		
Address	: **108-10 109 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q108**
Program / Asset #	: **BOE0758.000 / 1588**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **162,659**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **11475** **Lot** : **11**	**BIN**	: **4247572**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$505,200	$251,500
Interior Architecture	$252,700	$748,300
Electrical	$217,200	$1,113,200
Mechanical	$311,700	$1,483,900
Total	**$1,286,700**	**$3,597,000**
Importance Code A	$505,200	$272,500
Importance Code B	$781,500	$3,273,400
Importance Code C		$51,100
Total	**$1,286,700**	**$3,597,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$12,600	$32,500	
Interior Architecture	$32,900	$3,000	$9,100	$8,200
Electrical	$17,400	$38,600	$25,000	$15,900
Mechanical	$58,300	$47,900	$52,400	$41,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$113,500**	**$107,100**	**$124,000**	**$70,600**
Importance Code A	$16,100	$29,100	$48,700	$16,100
Importance Code B	$92,500	$78,000	$75,400	$54,500
Importance Code C	$4,800			
Total	**$113,500**	**$107,100**	**$124,000**	**$70,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$64,800	
Masonry: Brick	50%	Now	$250,300	LIFE	* *	5	$83,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Facde								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 4 And 5, Auditorium, North Facade								
Masonry: Brick	30%			LIFE	* *	5	$49,800	
Masonry: Limestone	5%			LIFE	* *	5	$6,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$53,900	
Windows								
Aluminum	97%			2039	* *	5	$65,100	
Metal Louvers	3%			2032	* *	10	$12,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,600	
Masonry: Brick	63%	Now	$141,900	LIFE	* *	5	$12,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Interior Face Of 1925 Wing								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : 1925 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1925 Wing								
Masonry: Brick	15%			LIFE	* *	5	$2,900	
Masonry: Limestone	2%			LIFE	* *	5	$500	
Metal Rail	5%			2036	* *	5-10	$17,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,300	
Roof								
Built-Up (BUR)	65%	Now	$60,000	2028	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : At Junction Of 1925 And 2000 Wings								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Junction Of 1925 And 2000 Wings, Bulkheads								
Copper/Terne	5%			2038	* *	10	$12,600	
Modified Bitumen	30%	Now	$52,900	2031	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : 2000 Wing								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : At Junction Of 2000 And 1925 Wings								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Junction Of 2000 And 1925 Wings								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,600	
Ceramic Tile	3%			2032	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile	30%			2028	* *	3	$27,400	
Vinyl Tile	27%			2023	$558,900	3	$32,900	
Vinyl Tile	10%			2018	$207,000	3	$9,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : 9x9 Tiles							
Wood	20%			2038	* *	5	$91,300	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$9,600	
Concrete Masonry Unit	25%			LIFE	* *	5	$32,100	
Glass Block	2%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$19,300	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	53%			LIFE	* *	5	$51,100	
Ceilings								
AcousTileSusp.Lay-In	25%			2036	* *	5	$61,800	
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Corridor Of 2000 Wing							
Exposed Concrete	10%			LIFE	* *	5	$3,900	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$85,000	
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : At 4th Floor Junction Of 1925 And 2000 Wings							
Plaster	5%	Now	$16,200	LIFE	* *	5	$7,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Bulkheads							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Bulkheads							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	30%			2023	$66,000	5	$200	
Fused Disc Sw	70%			2043	* *	5	$500	
Raceway								
Conduit	60%			2023	$148,500	1		
Conduit	40%			2043	* *	1		
Panelboards								
Molded Case Bkrs	70%			2022	$177,900	5	$3,000	
Molded Case Bkrs	30%			2039	* *	5	$1,300	
Wiring								
Braided Cloth	20%	2-4	$69,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	40%			2043	* *	1		
Thermoplastic	40%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$500	
Locally Mounted	50%			2036	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$50,000	
Generators								
Diesel	100%			2032	* *	1	$63,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Top Of New Addition								
Explanation : Ratings 500 Kva								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$36,300	
Fuel Storage								
Day Tank	50%			2039	* *	5	$15,100	
Main Tank	50%			2051	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Tank								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$147,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Incandescent	1%			2023	$18,100	2		
Egress Lighting								
Emergency, Service	35%			2023	$28,000	1		
Emergency, Service	15%			2028	* *	1		
Exit, LED	15%			2051	* *	1		
Exit, Service	35%			2023	$15,400	1		
Exterior Lighting								
HID	100%			2023	$614,300	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2038	* *	5	$4,800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$18,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside Building								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$30,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$161,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,800	2033	* *	4	$8,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2028	* *	1	$30,200	
Air Handler	10%	Now	$8,800	2018	$87,700	1	$9,100	
Not Energy Efficient, Extent : Severe, Area Affected : 10%								
Location : Gymnasium & Auditorium								
Convector/Radiator	60%			2021	$921,900	1	$31,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2028	* *	1	$22,600	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse Of New Wing								
Window/Wall Unit	50%			2018	$167,200	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2043	* *	4	$2,400	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2028	* *	1	$30,200	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2028	* *	2	$34,000	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,700	
Exhaust Fans								
Interior	80%	Now	$14,400	2023	$143,800	2	$3,200	
Not in Service, Extent : Severe, Area Affected : 60%								
Location : House Exhaust - Basement Fan Room								
Roof	20%			2028	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2049	* *	1		
Galv Iron/Steel	70%			2021	$340,100	1		
Water Heater								
Gas Fired	100%			2021	$37,800	2	$2,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$10,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 108 - Q

Asset # : 1588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, G, 1-5								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2043	* *	1-5	$24,600	
Sprinkler								
No Component	65%							
Generic	35%			2043	* *	1-2	$15,900	
Fire Pump								
Generic	100%			2032	* *	1	$30,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 109 - BK**				
Address	: **1001 EAST 45TH STREET @FARRAGUT ROAD**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K109**	
Program / Asset #	: **BOE1032.000 / 13585**		**Yr Built/Renovated**	: **2004 /**	
Area Sq Ft	: **137,500**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Jan-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**				
Block	: **5022**	**Lot** : **2**	**BIN**	: **3114526**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$204,300	$162,600
Interior Architecture	$92,600	$251,000
Electrical	$123,600	
Mechanical	$48,000	$394,700
Total	**$468,500**	**$808,300**
Importance Code A	$204,300	$162,600
Importance Code B	$264,200	$487,300
Importance Code C		$158,400
Total	**$468,500**	**$808,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900			$25,700
Interior Architecture	$54,300		$19,300	$21,900
Electrical	$25,900	$18,800	$36,700	$23,100
Mechanical	$88,900	$47,400	$85,100	$71,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$213,900**	**$76,100**	**$151,000**	**$151,900**
Importance Code A	$48,300	$13,600	$13,900	$39,300
Importance Code B	$165,600	$62,500	$137,100	$112,600
Importance Code C				
Total	**$213,900**	**$76,100**	**$151,000**	**$151,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BK

Asset # : 13585

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$2,400	
Masonry: Brick	78%			LIFE	* *	5	$152,800	
Masonry: Brick	5%	Now	$29,600	LIFE	* *	5	$9,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Corner At Exit From Mechanical Room								
Metal Panel	5%			2050	* *	5-10	$67,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$19,100	
Window Wall	7%			2050	* *	5	$51,400	
Windows								
Aluminum	98%			2046	* *	5	$28,900	
Metal Louvers	2%			2037	* *	10	$3,700	
Parapets								
Masonry: Brick	92%			LIFE	* *	5	$19,100	
Metal Rail	3%	0-2	$1,700	2037	* *	5	$4,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$106,500	
Metal Panel	20%			2037	* *	10	$48,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,500	
Vinyl Tile	75%			2032	* *	3	$77,200	
Vinyl Tile	10%	Now	$35,000	2032	* *	3	$7,700	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Entrance And First Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Entrance And First Floor Corridor								
Wood	10%			2059	* *	5	$38,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	50%			LIFE	* *	5	$79,200	
Folding Partition	5%			2046	* *	5	$49,500	
Glass: Single Pane	5%			LIFE	* *	5	$14,800	
Gypsum Board	5%			LIFE	* *	5	$11,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$79,200	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	$185,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$12,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BK

Asset # : 13585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$600	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$500	
Molded Case Bkrs	85%			2040	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Ground Bar Connected To Metal Water Pipe.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$42,300	
Generators								
Diesel	100%			2033	* *	1	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 500 Kw Caterpillar Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$30,600	
Fuel Storage								
Main Tank	100%			2052	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 109 - BK

Asset # : 13585

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2029	* *	10	$111,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Lamp T-8								
Fluorescent	5%			2029	* *	10	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Compact Fluorescent Light Fixtures								
Fluorescent	5%			2029	* *	10	$6,300	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Steel And Copper								
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
Generic	100%			2029	* *	1-3	$87,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Alarm Bells, Strobe Lights, Smoke Detectors And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BK

Asset # : 13585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$13,400	2037	* *	1	$122,600	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : # 1 Boiler Low Water Cut Off								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$48,000	2044	* *	4	$6,800	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Terminal Devices								
Air Handler	45%	Now	$6,700	2029	* *	1	$34,400	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Control System								
Convector/Radiator	50%			2037	* *	1	$22,200	
Fan Coil Unit/Heat	5%			2032	* *	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$63,800	
R-22 Refrigerant, Extent : Light, Area Affected : 1%								
Location : Penthouse Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$6,800	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$11,700	2029	* *	1	$76,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Classroom Fan - Penthouse								
Heat Rejection								
Water Cool Tower	100%			2025	$394,700	2	$138,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,700	
Exhaust Fans								
Roof	100%			2029	* *	2	$4,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BK

Asset # : 13585

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$32,000	2	$2,000	
Sanitary Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3, B-ph								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$71,900	
Sprinkler								
Generic	100%			2050	* *	1-2	$38,500	
Fire Pump								
Generic	100%			2037	* *	1	$25,700	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul - 102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 109 - BX**
Address : **1771 POPHAM AVENUE @ PALASADE PL.**
Borough : **BRONX** | **Agency's Number** : **X109**
Program / Asset # : **BOE0249.000 / 410** | **Yr Built/Renovated** : **1971 / 2008**
Area Sq Ft : **74,000** | **Project Type** : **EDUCATION**
Date of Survey : **29-Nov-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2877** **Lot** : **393** | **BIN** : **2094549**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$76,300	$65,600
Interior Architecture	$432,400	
Electrical	$370,600	$892,300
Mechanical	$381,000	$915,000
Total	**$1,260,300**	**$1,872,900**
Importance Code A	$76,300	$472,200
Importance Code B	$1,184,000	$1,400,700
Total	**$1,260,300**	**$1,872,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$12,900
Interior Architecture	$5,700	$2,800	$19,500	$5,700
Electrical	$41,200	$3,300	$5,900	$2,200
Mechanical	$51,800	$11,700	$29,600	$15,500
Total	**$98,600**	**$17,900**	**$55,000**	**$36,200**
Importance Code A	$7,500	$7,500	$7,700	$20,400
Importance Code B	$91,100	$10,400	$47,300	$15,800
Importance Code C				
Total	**$98,600**	**$17,900**	**$55,000**	**$36,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$65,600	
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2040	* *	5	$25,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$13,900	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$76,300	
Copper/Terne	5%			2052	* *	10	$10,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$24,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2033	* *	5	$5,700	
Terrazzo	3%			LIFE	* *	5	$2,700	
Vinyl Tile	35%			2019	$338,100	3	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9 inch X 9 inch Units								
Vinyl Tile	40%			2032	* *	3	$22,700	
Wood	7%			2039	* *	5	$14,900	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$20,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$14,100	
Exposed Concrete	60%			LIFE	* *	5	$10,600	
Metal Panel	5%	Now	$94,200	LIFE	* *	5	$7,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	25%			LIFE	* *	5	$17,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Knife Sw	5%	0-2	$6,700	2049	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	85%			2023	$114,400	5	$1,700	
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%	2-4	$22,700	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	70%			2022	$52,900	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$67,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2024	$12,100	10		
Incandescent	1%			2024	$8,400	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2029	* *	10	$3,700	
Exit, Service	80%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$279,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$67,200	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$229,900	1-3	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$187,000	5	$23,500	
Conversion Equipment								
Steam Boiler	100%			2022	$369,500	1	$75,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$26,500	2034	* *	4	$3,700	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : All 3 Thermostats								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Areas								
Terminal Devices								
Air Handler	50%			2019	$204,600	1	$23,500	
Convector/Radiator	50%			2022	$358,500	1	$12,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$109,200	1		
No Component	30%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX

Asset # : 410

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,300	
Exhaust Fans								
Interior	80%			2019	$67,100	2	$1,900	
Roof	20%			2024	$12,100	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%	0-2	$2,300	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%			2024	$23,500	4	$7,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2024	$7,200	1	$4,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$26,600	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

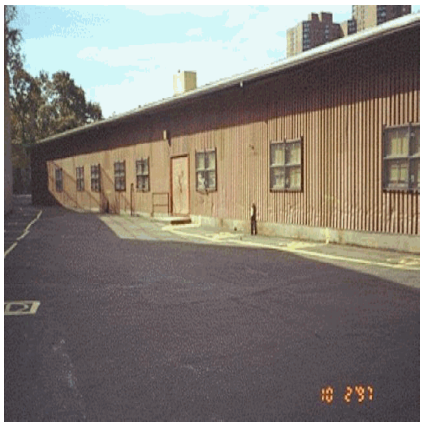
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 109 - BX MINISCHOOL**				
Address	: **1771 POPHAM AVENUE @ PALASADE PL.**				
Borough	: **BRONX**			**Agency's Number**	: **X899**
Program / Asset #	: **BOE0249.010 / 411**			**Yr Built/Renovated**	: **1971 / 2006**
Area Sq Ft	: **8,860**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2877**	**Lot**	: **393**	**BIN**	: **2094549**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$50,600	$69,400
Interior Architecture		$109,000
Total	**$50,600**	**$178,400**
Importance Code A	$50,600	$69,400
Importance Code B		$109,000
Total	**$50,600**	**$178,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,100		$26,000	
Interior Architecture	$18,600	$1,600		
Electrical	$400	$300	$9,600	$200
Mechanical	$500	$700	$1,200	$700
Total	**$20,600**	**$2,600**	**$36,900**	**$900**
Importance Code A	$1,500	$400	$26,500	$400
Importance Code B	$19,000	$2,100	$10,400	$500
Importance Code C				
Total	**$20,600**	**$2,600**	**$36,900**	**$900**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX MINISCHOOL

Asset # : 411

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2044	* *	5-10	$95,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : This Component Is Actually Corten Steel								
Windows								
Aluminum	100%			2032	* *	5	$2,100	
Roof								
Metal Panel	100%			2037	* *	10	$50,600	
Interior								
Floors								
Mosaic Tile	5%	Now	$12,100	2037	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Entrance								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Entrance								
Vinyl Tile	95%			2024	$109,000	3	$4,800	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,400	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2037	* *	5	$13,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Switch Rated @ 400 Amperes								
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	50%			2032	* *	5	$100	
Molded Case Bkrs	50%			2032	* *	5	$100	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$8,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX MINISCHOOL

Asset # : 411

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,100	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$33,500	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$8,000	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$27,500	1-3	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Furnace	100%			2024	$11,000	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	$4,900	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,000	
Exhaust Fans								
Interior	100%			2024	$10,000	2	$300	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 109 - BX MINISCHOOL

Asset # : 411

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2024	$900	1	$600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 11 - BX**				
Address	: **1257 OGDEN AVENUE @ W.169 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X011**
Program / Asset #	: **BOE0163.000 / 504**			**Yr Built/Renovated**	: **1890 / 1999**
Area Sq Ft	: **68,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **30-Nov-2011**			**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2529**	**Lot** : **81**		**BIN**	: **2003519**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$151,300	$88,900
Interior Architecture	$40,000	$475,300
Electrical	$57,000	$1,310,100
Mechanical	$170,700	$590,000
Total	**$419,000**	**$2,464,200**
Importance Code A	$151,300	$88,900
Importance Code B	$227,700	$2,375,300
Importance Code C	$40,000	
Total	**$419,000**	**$2,464,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,500	$10,900		
Interior Architecture	$38,500	$34,400	$700	$5,900
Electrical	$1,800	$25,000	$1,700	$1,100
Mechanical	$25,400	$10,000	$18,600	$10,000
Total	**$113,300**	**$80,200**	**$20,900**	**$17,000**
Importance Code A	$54,500	$18,000	$6,900	$6,900
Importance Code B	$36,300	$62,200	$14,000	$10,100
Importance Code C	$22,500			
Total	**$113,300**	**$80,200**	**$20,900**	**$17,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	* *	5	$27,800	
Masonry: Brick	50%			LIFE	* *	5	$55,500	
Masonry: Brick	5%	Now	$18,300	LIFE	* *	5	$5,600	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 40%								
Location : Throughout Rooms 305, 306, 307, 312								
Masonry: Brownstone	10%			LIFE	* *	5	$8,300	
Masonry: Limestone	10%			LIFE	* *	5	$8,300	
Windows								
Aluminum	100%	Now	$151,300	2039	* *	5	$16,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$11,400	
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
No Component	10%							
Roof								
Built-Up (BUR)	70%	Now	$19,100	2028	* *			
Drains Clogged, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Modified Bitumen	20%			2028	* *	10	$10,900	
Slate	10%	Now	$10,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,900	
Ceramic Tile	5%			2032	* *	5	$5,200	
Vinyl Tile	45%			2023	$437,600	3	$23,600	
Vinyl Tile	5%			2028	* *	3	$2,000	
Wood	35%			2038	* *	5	$68,700	
Interior Walls								
Cast in Place Concrete	5%	Now	$22,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	10%			LIFE	* *	5	$7,800	
Masonry: Brick	15%			LIFE	* *			
Plaster	70%	Now	$40,000	LIFE	* *	5	$27,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	$10,500	
Embossed Metal	80%			LIFE	* *	5	$37,700	
Plaster	10%	Now	$7,500	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$300	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$22,000	5	$200	
Molded Case Bkrs	65%			2022	$95,500	5	$1,200	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	30%	2-4	$57,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2043	* *	1		
Thermoplastic	30%			2023	$57,000	1		
Motor Controllers								
Locally Mounted	60%			2021	$49,500	5	$300	
Locally Mounted	30%			2036	* *	5	$100	
Motor Control Center	10%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2023	$721,400	10	$54,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2028	* *	10	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-8 Lamps								
HID	3%			2028	* *	10	$100	
Incandescent	2%			2018	$17,000	2		
Egress Lighting								
Emergency, Battery	50%			2023	$51,500	10	$8,400	
Exit, Service	50%			2023	$10,300	1		
Exterior Lighting								
HID	100%			2023	$280,500	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$12,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$69,300	
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Both Boilers Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$3,400	
Terminal Devices								
Air Handler	30%			2018	$123,600	1	$13,000	
Convector/Radiator	60%			2021	$433,000	1	$13,600	
Fan Coil Unit/Heat	10%			2023	$114,400	1	$2,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 11 - BX

Asset # : 504

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$47,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Interior	30%	Now	$1,300	2023	$25,300	2	$500	
Broken, Extent : Light, Area Affected : 10%								
Location : Basement								
Roof	70%			2023	$42,500	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2043	* *	1		
Galv Iron/Steel	85%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$17,800	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gals								
Sanitary Piping								
Cast Iron	100%	Now	$8,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$5,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Side Yard								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof Drain								
Sump Pump(s)								
Rigid Piping	100%			2023	$12,100	4	$1,600	
Backflow Preventer								
No Component	70%							
Generic	30%			2023	$2,200	1	$1,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 110 - BK**				
Address	: **124 MONITOR STREET @DRIGGS AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K110**	
Program / Asset #	: **BOE0420.000 / 1380**		**Yr Built/Renovated**	: **1895 / 2012**	
Area Sq Ft	: **66,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **23-Oct-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2688**	**Lot** : **42**	**BIN**	: **3067144**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,900	$166,300
Interior Architecture	$216,000	$126,000
Electrical	$884,500	$638,000
Mechanical	$203,300	$560,200
Total	**$1,342,700**	**$1,490,500**
Importance Code A	$38,900	$166,300
Importance Code B	$1,303,800	$1,324,200
Total	**$1,342,700**	**$1,490,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$22,300	
Interior Architecture	$34,700	$2,500	$3,200	$6,400
Electrical	$1,600	$2,400	$2,100	$2,300
Mechanical	$9,800	$11,000	$37,400	$9,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$50,000**	**$19,800**	**$68,900**	**$22,000**
Importance Code A	$6,700	$6,700	$29,100	$6,700
Importance Code B	$40,100	$13,100	$39,800	$15,300
Importance Code C	$3,200			
Total	**$50,000**	**$19,800**	**$68,900**	**$22,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$103,400	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Masonry: Brick	3%			LIFE	* *	5	$3,600	
Metal Panel	10%			2044	* *	5-10	$81,700	
Windows								
Aluminum	5%			2046	* *	5	$1,700	
Under Construction	95%							
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$11,100	
Roof								
Metal Panel	50%			2037	* *	10	$38,900	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Over Fourth Floor								
Under Construction	50%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,200	
Ceramic Tile	5%			2033	* *	5	$5,100	
Traffic Topping	10%	Now	$25,200	2024	$126,000	5	$6,400	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	50%			2029	* *	3	$25,400	
Vinyl Tile	25%			2019	$216,000	3	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$6,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Glass: Single Pane	5%			LIFE	* *	5	$4,700	
Masonry: Brick	15%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$26,600	
Ceilings								
Embossed Metal	50%			LIFE	* *	5	$22,900	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Room 106								
Plaster	50%			LIFE	* *	5	$31,800	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Fourth Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	30%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	10%			2023	$13,500	5	$200	
Molded Case Bkrs	30%			2032	* *	5	$500	
Molded Case Bkrs	50%			2040	* *	5	$900	
Wiring								
Braided Cloth	30%	2-4	$52,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$678,700	10	$56,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2024	$37,700	10	$3,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	5%			2019	$37,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$45,800	10	$8,200	
Exit, Service	50%			2024	$9,200	1		
Exterior Lighting								
HID	100%			2024	$249,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$59,900	2034	* *	1	$6,700	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$205,100	1-3	$12,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$67,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,000	
Terminal Devices								
Convector/Radiator	75%			2022	$480,900	1	$16,400	
Fan Coil Unit/Heat	20%			2019	$203,300	1	$4,400	
Unit Heater-Stm/HW	5%			2024	$21,900	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$27,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$3,800	
No Component	90%							
Exhaust Fans								
Roof	10%			2024	$5,400	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BK

Asset # : 1380

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 New Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2024	$79,300	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 110 - BX**		
Address	: **580 CROTONA PARK SOUTH @FULTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X110**
Program / Asset #	: **BOE0250.000 / 199**	**Yr Built/Renovated**	: **1964 / 2008**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2932** **Lot** : **1**	**BIN**	: **2009718**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$72,800	$134,300
Interior Architecture	$1,325,000	
Electrical	$345,900	$1,374,100
Mechanical	$39,900	$1,363,700
Total	**$1,783,600**	**$2,872,100**
Importance Code A	$72,800	$643,600
Importance Code B	$1,710,900	$2,228,500
Total	**$1,783,600**	**$2,872,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$10,600	$9,600
Interior Architecture		$3,600	$6,800	$14,500
Electrical	$2,800	$4,300	$14,700	$2,800
Mechanical	$59,300	$19,400	$50,100	$14,600
Total	**$62,100**	**$27,200**	**$82,200**	**$41,500**
Importance Code A	$9,600	$9,600	$20,400	$19,200
Importance Code B	$52,500	$17,600	$61,800	$22,200
Importance Code C				
Total	**$62,100**	**$27,200**	**$82,200**	**$41,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$22,300	
Glazed Ceramic Panel	15%			LIFE	* *	5	$62,800	
Masonry: Brick	80%			LIFE	* *	5	$71,500	
Windows								
Aluminum	100%			2040	* *	5	$19,200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,900	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2044	* *	5	$2,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$72,800	
Copper/Terne	5%			2039	* *	10	$9,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,800	
Ceramic Tile	5%			2033	* *	5	$7,300	
Vinyl Tile	80%	2-4	$987,800	2034	* *	3	$43,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Wood	5%			2039	* *	5	$13,600	
Interior Walls								
Glazed Ceramic Panel	3%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	67%			LIFE	* *	5	$25,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$337,300	2044	* *	5	$18,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : At Main Entrance, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : At Main Entrance, Corridors								
Exposed Concrete	55%			LIFE	* *	5	$12,500	
Metal Panel	10%			LIFE	* *	5	$18,100	
Plaster	10%			LIFE	* *	5	$9,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	10%			2044	* *	1		
Conduit	90%			2024	$155,300	1		
Panelboards								
Fused Disc Sw	5%			2023	$9,000	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	85%			2023	$152,500	5	$2,100	
Wiring								
Braided Cloth	95%	2-4	$242,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$37,800	2044	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	50%			2022	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$87,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2032	* *	10	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2032	* *	10		
Egress Lighting								
Emergency, Battery	50%			2019	$65,400	10	$11,700	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$355,000	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$85,300	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$292,100	1-3	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$30,100	
Conversion Equipment								
Steam Boiler	100%			2022	$472,300	1	$96,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,500	2034	* *	4	$4,800	
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%	Now	$2,100	2024	$104,600	1	$10,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria Air Handler Coil								
Convector/Radiator	70%	Now	$32,100	2022	$641,500	1	$19,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Throughout								
Fan Coil Unit/Heat	10%			2024	$145,300	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$39,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - BX

Asset # : 199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2029	* *	2	$2,400	
Roof	20%	Now	$300	2029	* *	2	$500	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Noisy/Vibrating, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2044	* *	1		
Galv Iron/Steel	90%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$22,600	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$14,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Backflow Preventer								
No Component	95%							
Generic	5%			2029	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,400	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 110 - M**		
Address	**: 285 DELANCEY STREET @LEWIS ST.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M110**
Program / Asset #	**: BOE0062.000 / 1690**	**Yr Built/Renovated**	**: 1902 / 2001**
Area Sq Ft	**: 52,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 26-Oct-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 332** **Lot : 52**	**BIN**	**: 1004066**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$157,100
Interior Architecture	$691,500	$50,000
Electrical	$504,300	$158,700
Mechanical	$77,000	$926,600
Total	**$1,272,800**	**$1,292,500**
Importance Code A		$157,100
Importance Code B	$1,272,800	$1,135,300
Total	**$1,272,800**	**$1,292,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,400		$38,800	$14,000
Interior Architecture	$12,700			$8,700
Electrical	$5,500	$1,200	$5,200	$1,600
Mechanical	$8,000	$7,100	$19,700	$8,400
Total	**$32,600**	**$8,300**	**$63,600**	**$32,800**
Importance Code A	$11,700	$5,300	$44,200	$19,300
Importance Code B	$9,500	$3,000	$19,400	$13,500
Importance Code C	$11,500			
Total	**$32,600**	**$8,300**	**$63,600**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$77,600	
Copper/Terne	5%			2059	* *	10	$11,600	
Masonry: Brick	40%			LIFE	* *	5	$39,800	
Masonry: Brick	40%			LIFE	* *	5	$39,800	
Masonry: Granite	5%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%			2040	* *	5	$28,100	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,500	
Masonry: Limestone	5%	Now	$3,800	LIFE	* *	5	$500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Panel	5%			2044	* *	5	$1,400	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$26,400	
Metal Panel	5%			2037	* *	10	$2,600	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$2,400	
Traffic Topping	10%	Now	$99,300	2034	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs, Cafeteria								
Vinyl Tile	87%	Now	$592,200	2034	* *	3	$26,100	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$5,000	
Glass: Single Pane	3%	Now	$9,000	LIFE	* *	5	$2,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *			
Plaster	82%			LIFE	* *	5	$24,500	
Ceilings								
Plaster	100%			LIFE	* *	5	$50,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnected Switch Rated @ 800 Amps								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Fused Toggle Switch	60%	2-4	$62,800	2049	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	30%			2040	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	50%							
Generic	50%	2-4	$4,800	LIFE	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$48,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2029	* *	10		
Egress Lighting								
Emergency, Battery	30%			2029	* *	10	$3,900	
Exit, Service	70%			2029	* *	1		
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$47,200	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	0-2	$107,700	2034	* *	1-3	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$53,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$373,500	4	$2,600	
Terminal Devices								
Convector/Radiator	100%			2022	$505,200	1	$17,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$77,000	1		
No Component	30%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2024	$8,100	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$47,900	1		
Water Heater								
Gas Fired	100%			2019	$12,400	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 110 - M

Asset # : 1690

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$18,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 111 - BX**		
Address	**: 3740 BAYCHESTER AVENUE @ CRAWFORD AVE.**		
Borough	**: BRONX**	**Agency's Number**	**: X111**
Program / Asset #	**: BOE0251.000 / 2677**	**Yr Built/Renovated**	**: 1963 / 2001**
Area Sq Ft	**: 88,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 04-Dec-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4916 Lot : 1**	**BIN**	**: 2065992**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$135,000	$841,400
Interior Architecture		$35,700
Electrical	$1,658,300	$781,900
Mechanical	$87,500	$2,138,500
Total	**$1,880,900**	**$3,797,500**
Importance Code A	$135,000	$1,320,600
Importance Code B	$1,745,800	$2,476,900
Total	**$1,880,900**	**$3,797,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,700	$8,200		$28,200
Interior Architecture	$22,700	$21,100	$5,000	$20,400
Electrical	$1,000	$1,300	$2,000	$36,400
Mechanical	$19,700	$12,900	$20,000	$38,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$76,000**	**$47,400**	**$31,000**	**$127,700**
Importance Code A	$37,700	$17,200	$9,000	$37,400
Importance Code B	$38,300	$22,700	$19,000	$90,300
Importance Code C		$7,500	$3,000	
Total	**$76,000**	**$47,400**	**$31,000**	**$127,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$18,800	
Masonry: Brick Cavity	70%			LIFE	* *	5	$52,700	
Masonry: Fieldstone	2%			LIFE	* *	5	$1,100	
Metal Panel	20%			2045	* *	5-10	$103,400	
Mosaic Tile	3%			2045	* *	10	$7,100	
Windows								
Aluminum	85%			2041	* *	5	$14,400	
Glass Block	15%			LIFE	* *	5	$1,600	
Parapets								
Metal Rail	100%			2038	* *	5-10	$222,400	
Roof								
Built-Up (BUR)	35%	Now	$28,700	2025	$143,700			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
IRMA/Protected Membrane	60%			2025	$428,700	10	$53,800	
Metal Panel	5%			2038	* *	10	$8,200	
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$35,700	
Ceramic Tile	3%			2034	* *	5	$4,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	80%			2030	* *	3	$40,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$6,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Folding Partition	5%			2033	* *	5	$15,000	
Plaster	55%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2030	* *	5	$40,800	
Exposed Concrete	35%			LIFE	* *	5	$7,400	
Exposed Struc: Steel	25%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Cafeteria								
Metal Panel	5%	Now	$22,700	LIFE	* *	5	$8,500	
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Basement Level Corridors								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor								
Plaster	5%			LIFE	* *	5	$4,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Molded Case Bkrs	90%			2024	$161,400	5	$2,100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	92%			2020	$928,200	10	$76,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2025	$40,400	10	$3,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	2%			2020	$14,500	10	$100	
Incandescent	2%			2020	$20,200	2		
Egress Lighting								
Emergency, Battery	50%			2025	$61,300	10	$11,000	
Exit, Service	50%			2025	$12,300	1		
Exterior Lighting								
HID	100%			2020	$332,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$79,900	1	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only: Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	2-4	$91,100	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Osolete Alarm System; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$223,700	5	$28,100	
Conversion Equipment								
Steam Boiler	100%			2023	$442,200	1	$90,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2025	$634,200	4	$6,700	
Terminal Devices								
Air Handler	20%			2025	$97,900	1	$11,200	
Convector/Radiator	80%			2023	$686,300	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$37,300	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	50%			2020	$50,200	2	$1,400	
Roof	50%			2033	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$54,300	1		
HW Heat Exchanger								
Low Temp	100%			2025	$28,200	4	$13,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - BX

Asset # : 2677

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2025	$900	1	$500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-1							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 111 - M**
Address : **440 WEST 53 STREET @10TH AVENUE**
Borough : **MANHATTAN** | **Agency's Number** : **M111**
Program / Asset # : **BOE0063.000 / 1691** | **Yr Built/Renovated** : **1958 / 2008**
Area Sq Ft : **90,000** | **Project Type** : **EDUCATION**
Date of Survey : **22-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1062** **Lot** : **3** | **BIN** : **1026740**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$575,400
Interior Architecture	$696,200	
Electrical	$1,313,700	$932,700
Mechanical	$47,400	$234,200
Total	**$2,057,300**	**$1,742,300**
Importance Code A		$612,400
Importance Code B	$2,057,300	$1,129,900
Total	**$2,057,300**	**$1,742,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$39,500	
Interior Architecture	$19,800	$3,500	$12,900	$12,100
Electrical	$8,400	$1,600	$1,900	$600
Mechanical	$24,800	$14,600	$29,100	$17,700
Total	**$52,900**	**$19,700**	**$83,400**	**$30,400**
Importance Code A	$9,100	$9,100	$48,800	$9,100
Importance Code B	$43,800	$10,500	$34,500	$21,300
Importance Code C				
Total	**$52,900**	**$19,700**	**$83,400**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	20%			LIFE	* *	5	$88,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$8,900	
Metal Panel	5%			2034	* *	5-10	$32,500	
Windows								
Aluminum	100%			2046	* *	5	$33,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$12,100	
Masonry: Limestone	3%			LIFE	* *	5	$500	
Metal Panel	12%			2034	* *	5	$6,600	
Roof								
Copper/Terne	5%			2052	* *	10	$9,800	
IRMA/Protected Membrane	35%			2029	* *	10	$27,300	
IRMA/Protected Membrane	60%			2024	$373,800	10	$46,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,200	
Ceramic Tile	5%			2033	* *	5	$6,900	
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	15%	0-2	$17,600	2029	* *	3	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	0-2	$32,300	2019	$646,200	3	$28,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Units								
Wood	10%			2052	* *	5	$25,900	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$8,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$13,700	
AcousTileConcealSpLn	15%			2029	* *	5	$25,700	
Exposed Concrete	60%			LIFE	* *	5	$12,900	
Plaster	15%			LIFE	* *	5	$12,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 - Main Service Protectors Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$171,100	5	$2,400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	90%			2023	$161,400	5	$2,100	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$68,000	5	$500	
Locally Mounted	10%	2-4	$7,600	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2019	$953,700	10	$78,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2024	$14,700	10	$100	
Incandescent	5%			2019	$51,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$11,100	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$339,900	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	* *	1	$5,000	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$91,400	
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,600	
Terminal Devices								
Air Handler	30%	Now	$7,500	2024	$149,300	1	$15,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Convector/Radiator	70%			2029	* *	1	$20,900	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$47,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,500	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - M

Asset # : 1691

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2024	$40,800	2	$1,100	
Roof	60%	Now	$4,400	2024	$44,000	2	$1,400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,500	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
Wet	20%			2019	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								
No Component	80%							

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Estimates are rounded to the nearest hundred dollars.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 111 - Q**		
Address	: **37-15 13 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q111**
Program / Asset #	: **BOE0760.000 / 1590**	**Yr Built/Renovated**	: **1950 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **363** **Lot** : **1**	**BIN**	: **4004419**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,247,100	$82,200
Interior Architecture	$225,800	$836,500
Electrical	$1,958,900	$432,500
Mechanical	$154,100	$741,500
Total	**$3,585,800**	**$2,092,800**
Importance Code A	$1,247,100	$108,100
Importance Code B	$2,273,600	$1,984,600
Importance Code C	$65,100	
Total	**$3,585,800**	**$2,092,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900			$8,600
Interior Architecture	$67,400		$11,700	$26,600
Electrical	$1,100	$1,200	$2,200	$23,800
Mechanical	$75,300	$17,200	$25,000	$66,100
Total	**$178,700**	**$18,400**	**$38,900**	**$125,100**
Importance Code A	$43,700	$8,800	$8,800	$17,600
Importance Code B	$78,400	$9,600	$30,000	$107,500
Importance Code C	$56,600			
Total	**$178,700**	**$18,400**	**$38,900**	**$125,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$744,300	LIFE	* *	5	$82,200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$149,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Panel	3%			2035	* *	5-10	$18,800	
Window Wall	2%			2035	* *	5	$6,900	
Windows								
Aluminum	95%			2041	* *	5	$30,600	
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$34,900	LIFE	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$71,300	LIFE	* *	5	$12,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	70%	Now	$242,200	2035	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Modified Bitumen	30%	Now	$39,600	2030	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$6,900	LIFE	* *	5	$29,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : Ground Water Penetration								
Ceramic Tile	3%	2-4	$3,900	2034	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	70%			2025	$795,000	3	$35,100	
Vinyl Tile 9" X 9"	5%	0-2	$73,600	2035	* *	3	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%			2040	* *	5	$25,000	
Interior Walls								
Ceramic Tile	5%	2-4	$9,300	2034	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$14,900	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	4+	$32,400	LIFE	* *	5	$24,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$65,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$26,500	
Exposed Concrete	30%			LIFE	* *	5	$6,200	
Plaster	50%	Now	$87,100	LIFE	* *	5	$41,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$25,900	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch For Services A & B								
Fused Disc Sw	30%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	10%			2050	* *	5	$200	
Molded Case Bkrs	80%			2024	$143,500	5	$1,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2025	$99,100	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-12 Lamps								
Fluorescent	3%			2035	* *	10	$2,500	
T-8 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Fluorescent	77%			2020	$763,300	10	$63,000	
T-12 Lamps, Extent : Moderate, Area Affected : 77%								
Location : Throughout The Building								
Incandescent	10%			2020	$99,100	2	$200	
Egress Lighting								
Emergency, Battery	45%			2020	$54,200	10	$9,700	
Emergency, Battery	5%			2035	* *	10	$1,100	
Exit, Service	50%			2020	$12,000	1		
Exterior Lighting								
HID	20%			2030	* *	10	$100	
HID	80%			2020	$262,900	10	$200	
Alarm								
Security System								
No Component	65%							
Generic	35%			2035	* *	1	$11,400	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$315,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$88,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Gas Fired Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%	Now	$24,900	2025	$498,500	4	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping Beyond Useful Life Cycle Rating								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steam Piping/Pump	20%			2051	* *	4	$900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Terminal Devices								
Air Handler	30%			2025	$144,400	1	$16,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room, Controls On Equipment Have Been Upgraded.								
Convector/Radiator	70%	Now	$29,500	2030	* *	1	$18,200	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Defective Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$18,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$154,100	LIFE	* *	2-5	$49,800	
Corroded, Extent : Severe, Area Affected : 50%								
Location : Air Plenum								
Exhaust Fans								
Interior	100%			2025	$98,700	2	$2,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Basement And Penthouse Fan Rooms								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2024	$20,800	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 111 - Q

Asset # : 1590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2033	* *	1	$5,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 112 - BK**
Address : **7115 15 AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **BOE0422.000 / 1382**
Area Sq Ft : **45,972**
Date of Survey : **04-Oct-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **6180** **Lot** : **1**

Agency's Number : **K112**
Yr Built/Renovated : **1905 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3157760**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$601,400	$226,800
Interior Architecture	$407,200	$430,900
Electrical		$738,300
Mechanical		$37,600
Total	**$1,008,600**	**$1,433,600**
Importance Code A	$601,400	$226,800
Importance Code B	$350,600	$1,085,200
Importance Code C	$56,600	$121,600
Total	**$1,008,600**	**$1,433,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,000		$1,100	
Interior Architecture	$65,600			$6,600
Electrical	$19,400	$7,100	$1,400	$1,200
Mechanical	$8,400	$35,400	$12,500	$7,100
Total	**$127,300**	**$42,500**	**$15,000**	**$14,900**
Importance Code A	$38,600	$4,800	$5,800	$4,700
Importance Code B	$82,700	$37,800	$9,200	$10,200
Importance Code C	$6,100			
Total	**$127,300**	**$42,500**	**$15,000**	**$14,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$58,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$56,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%	Now	$34,000	LIFE	* *	5	$11,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Chimney Stack								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Windows								
Aluminum	10%			2039	* *	5	$2,200	
Wood	90%	Now	$564,500	2048	* *	5	$100,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	15%			LIFE	* *	5	$9,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2028	* *	10	$36,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,700	
Cast in Place Concrete	5%	Now	$1,800	LIFE	* *	5	$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$3,400	2026	$68,600	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%	Now	$21,100	2018	$210,600	3	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	40%	Now	$72,200	2023	$240,700	3	$10,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors, Cafeteria								
Wood	10%	Now	$46,700	2038	* *	5	$6,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$6,100	2026	$121,600	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Plaster	80%	Now	$56,600	LIFE	* *	5	$21,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stairs & Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$6,600	2028	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	Now	$1,400	2028	* *	5	$1,800	
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%	Now	$11,400	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$34,800	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$122,200	5	$200	
Raceway								
Conduit	90%			2023	$62,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	40%			2022	$41,900	5	$500	
Molded Case Bkrs	60%			2039	* *	5	$700	
Wiring								
Braided Cloth	20%	2-4	$18,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	60%			2033	* *	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$200	
Motor Control Center	50%			2040	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Explanation : T-8 Lamps								
Fluorescent	90%			2023	$472,700	10	$39,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Most Of The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$1,600	
Exterior Lighting								
HID	100%			2028	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$5,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$4,600	2036	* *	1	$42,100	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Boiler Is Malfunctioning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$2,300	
Terminal Devices								
Air Handler	10%	Now	$500	2023	$25,500	1	$2,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Cafeteria Fan								
Convector/Radiator	80%			2028	* *	1	$12,200	
Unit Heater-Stm/HW	10%			2023	$30,500	4	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2028	* *	2	$100	
Window/Wall Unit	30%			2018	$29,200	1		
No Component	65%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$3,100	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,400	
Exhaust Fans								
Roof	100%	Now	$1,900	2023	$37,600	2	$1,200	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Stairway Heating And Exhaust Fans								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BK

Asset # : 1382

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galv Iron/Steel	90%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$11,000	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Boiler Room								
Explanation : Capacity Is Too Small								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 112 - BX**		
Address	: **1925 SCHIEFFELIN AVENUE @E. 229 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X112**
Program / Asset #	: **BOE0252.000 / 412**	**Yr Built/Renovated**	: **1953 / 2013**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **49050** **Lot** : **500**	**BIN**	: **2065991**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$75,500	$53,000
Electrical	$1,061,700	$208,600
Mechanical	$86,300	$659,500
Total	**$1,223,500**	**$921,200**
Importance Code A	$111,000	$53,000
Importance Code B	$1,112,600	$868,200
Total	**$1,223,500**	**$921,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$12,300
Interior Architecture	$12,300		$13,500	$12,300
Electrical	$14,400	$800	$28,700	$1,100
Mechanical	$45,000	$14,600	$49,800	$11,000
Total	**$71,700**	**$15,400**	**$92,000**	**$36,700**
Importance Code A		$7,200	$7,200	$19,700
Importance Code B	$71,700	$8,200	$84,800	$17,000
Importance Code C				
Total	**$71,700**	**$15,400**	**$92,000**	**$36,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$53,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	15%			LIFE	* *	5	$7,500	
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Around Window Frames								
Windows								
Aluminum	100%			2040	* *	5	$24,700	
Parapets								
Under Construction	100%							
Roof								
Built-Up (BUR)	98%			2029	* *	10	$75,500	
Copper/Terne	2%			2052	* *	10	$3,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,900	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	90%			2029	* *	3	$49,100	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,400	
Plaster	65%			LIFE	* *	5	$21,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2029	* *	5	$27,100	
Exposed Concrete	60%			LIFE	* *	5	$10,200	
Plaster	15%			LIFE	* *	5	$10,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Knife Sw	10%	0-2	$13,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	90%			2046	* *	5	$1,700	
Wiring								
Braided Cloth	90%	0-2	$156,500	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2019	$776,700	10	$64,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2019	$11,600	10		
Incandescent	2%			2019	$16,200	2		
Egress Lighting								
Emergency, Battery	50%			2024	$49,100	10	$8,800	
Exit, Service	50%			2024	$9,800	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$64,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$22,600	
Conversion Equipment								
Steam Boiler	100%	Now	$35,500	2029	* *	1	$64,900	
Broken, Extent : Severe, Area Affected : 5%								
Location : Flue Gas Duct								
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room								
Explanation : 2 Units. #2 Is Not In Service Due To Tube Leakage								
Distribution								
Steam Piping/Pump	100%	Now	$50,900	2024	$508,500	4	$3,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Supply Line In Cross Bay, Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,900	2024	$78,500	1	$8,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Convector/Radiator	80%	Now	$11,000	2029	* *	1	$16,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Hallway. In Front Of Rooms 309, 109, 105								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2032	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Auditorium								
Window/Wall Unit	10%			2019	$15,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exhaust Fans								
Interior	90%	Now	$7,200	2024	$72,500	2	$1,600	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Basement								
Roof	10%			2019	$5,800	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - BX

Asset # : 412

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$10,900	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main, Piping Throughout Basement								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement, Whenever It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA**		
Address	: **535 EAST 119 STREET BTWN: PLEASANT AVE., DEAD END**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M112**
Program / Asset #	: **BOE0064.000 / 1692**	**Yr Built/Renovated**	: **1968 / 2001**
Area Sq Ft	: **128,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1816** **Lot** : **1**	**BIN**	: **1084005**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,146,200	$115,600
Interior Architecture	$284,000	$1,527,200
Electrical	$208,900	$1,411,900
Mechanical	$32,700	$1,616,500
Total	**$1,671,800**	**$4,671,200**
Importance Code A	$1,146,200	$788,100
Importance Code B	$477,500	$3,883,100
Importance Code C	$48,100	
Total	**$1,671,800**	**$4,671,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,700			
Interior Architecture	$165,900			$28,800
Electrical	$8,800		$400	$1,700
Mechanical	$48,900	$23,500	$40,600	$37,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$275,300**	**$27,500**	**$45,000**	**$71,800**
Importance Code A	$60,900	$13,100	$13,100	$13,100
Importance Code B	$141,600	$14,400	$31,900	$54,300
Importance Code C	$72,800			$4,400
Total	**$275,300**	**$27,500**	**$45,000**	**$71,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA

Asset # : 1692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$174,300	LIFE	* *	5	$115,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 131								
Masonry: Limestone	5%			LIFE	* *	5	$9,100	
Windows								
Aluminum	5%	0-2	$54,900	2051	* *	5	$700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Hallways, Offices								
Aluminum	90%			2042	* *	5	$23,600	
Steel	5%	Now	$68,500	2051	* *	5	$8,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$68,600	
Pre-Cast Concrete	30%			LIFE	* *	5	$54,100	
Roof								
IRMA/Protected Membrane	95%	Now	$789,900	2036	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roll Roofing	5%			2022	$21,500	5	$8,700	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$69,200	
Ceramic Tile	3%			2035	* *	5	$5,900	
Terrazzo	2%			LIFE	* *	5	$6,200	
Vinyl Tile	87%			2021	$1,462,700	3	$86,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA

Asset # : 1692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$8,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$21,000	
Folding Partition	5%			2042	* *	5	$21,900	
Plaster	50%			LIFE	* *	5-10	$74,300	
SGFT/Glazed Masonry	5%	Now	$33,900	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair 5, Corridor Near Room 222								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$17,500	
Ceilings								
AcousTileConcealSpLn	20%	2-4	$127,900	2039	* *	5	$24,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : First Floor, Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor								
AcousTileSusp.Lay-In	10%			2031	* *	5	$19,800	
Exposed Concrete	50%			LIFE	* *	5-10	$123,500	
Fiber Board	5%			2026	$64,500			
Metal Panel	5%			LIFE	* *	5	$24,700	
Plaster	10%			LIFE	* *	5-10	$34,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amp & One 1200 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp- Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2052	* *	5	$100	
Fused Disc Sw	90%			2026	$175,900	5	$500	
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	90%			2025	$201,800	5	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA

Asset # : 1692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2026	$59,700	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$112,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$21,100	10	$100	
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	30%			2034	* *	10	$9,600	
Emergency, Battery	20%			2021	$35,600	10	$6,400	
Exit, Service	25%			2021	$8,900	1		
Exit, Service	25%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$483,400	10	$400	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2026	$325,400	5	$40,900	
Conversion Equipment								
Steam Boiler	100%			2024	$643,100	1	$130,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Repairs In Progress, Extent : Light, Area Affected : 20%								
Location : Rebricking Of Boilers								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers - Temporary Boiler Being Used On The Street To Supply Steam								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA

Asset # : 1692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,500	
Terminal Devices								
Air Handler	40%			2026	$284,900	1	$32,700	
Convector/Radiator	60%			2031	* *	1	$25,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	95%			2021	$258,000	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$116,600	
Exhaust Fans								
Roof	100%	Now	$10,500	2026	$105,000	2	$3,200	
Unit Inoperable, Extent : Severe, Area Affected : 90%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Electric	100%			2026	$20,500	4	$1,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$13,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street To 1								
Explanation : 1 Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - M (TANDEM M206 04) / JOSE CELSO BARBOSA

Asset # : 1692

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,700	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 112 - Q**		
Address	: **25-05 37 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q112**
Program / Asset #	: **BOE0761.000 / 1591**	**Yr Built/Renovated**	: **1953 / 2003**
Area Sq Ft	: **66,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **344** **Lot** : **1**	**BIN**	: **4004170**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$68,000	$56,700
Interior Architecture	$430,800	$172,300
Electrical	$794,400	$1,145,900
Mechanical		$185,900
Total	**$1,293,300**	**$1,560,800**
Importance Code A	$105,000	$56,700
Importance Code B	$1,188,300	$1,504,100
Total	**$1,293,300**	**$1,560,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,100			$11,100
Interior Architecture	$13,700	$2,500	$14,200	$1,900
Electrical	$11,600	$2,700	$20,800	$1,800
Mechanical	$52,100	$10,300	$21,900	$10,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$85,500**	**$19,400**	**$60,900**	**$29,100**
Importance Code A	$10,700	$6,700	$6,700	$17,800
Importance Code B	$74,800	$12,700	$54,200	$11,300
Importance Code C				
Total	**$85,500**	**$19,400**	**$60,900**	**$29,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2044	* *	10	$7,200	
Masonry: Brick	92%			LIFE	* *	5	$56,700	
Masonry: Limestone	3%			LIFE	* *	5	$1,400	
Windows								
Aluminum	97%			2040	* *	5	$22,300	
Metal Louvers	3%	Now	$4,100	2027	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$12,400	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$68,000	
Copper/Terne	5%			2052	* *	10	$9,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,100	
Ceramic Tile	3%	Now	$11,800	2027	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	20%			2024	$172,300	3	$7,600	
Vinyl Tile	15%			2029	* *	3	$7,600	
Vinyl Tile	50%			2019	$430,800	3	$19,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$9,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,000	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$21,400	
SGFT/Glazed Masonry	22%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2029	* *	5	$6,300	
Exposed Concrete	65%			LIFE	* *	5	$10,200	
Metal Panel	5%			LIFE	* *	5	$6,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Plaster	25%			LIFE	* *	5	$15,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$37,000	2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 600 Amperes - On Extended Life								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$6,700	5	$100	
Molded Case Bkrs	90%			2023	$121,100	5	$1,600	
Molded Case Bkrs	5%			2032	* *	5	$100	
Wiring								
Braided Cloth	90%	0-2	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	95%			2022	$71,800	5	$400	
Locally Mounted	5%			2029	* *	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$729,500	10	$60,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2019	$10,800	10		
Incandescent	1%			2019	$7,500	2		
Egress Lighting								
Emergency, Battery	50%			2024	$45,700	10	$8,200	
Exit, Service	50%			2024	$9,100	1		
Exterior Lighting								
HID	100%			2019	$249,300	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$205,100	1-3	$12,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$6,600	2029	* *	1	$60,300	
Malfunctioning, Extent : Moderate, Area Affected : 2%								
Location : Control System For Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$23,600	2044	* *	4	$3,300	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Make Up Tank Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$3,700	2024	$73,000	1	$7,500	
Damper(s) Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Air Handlers Pneumatic Lines Were Cut								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : All Air Handlers								
Explanation : Air Filters Are Missing								
Convector/Radiator	80%			2029	* *	1	$17,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2022	$41,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	
Exhaust Fans								
Interior	95%	Now	$3,600	2024	$71,100	2	$1,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Penthouse Fans								
Roof	5%	Now	$2,700	2034	* *	2	$100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Roof								
On Extended Life, Extent : Moderate, Area Affected : 1%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2044	* *	1		
Galv Iron/Steel	70%	Now	$7,100	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Main Risers								
Water Heater								
Gas Fired	100%			2022	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1,2,3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%	Now	$800	2034	* *	1-2	$800	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Corroded Shut Off Valves								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 112 - Q

Asset # : 1591

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 113 - M**		
Address	: **240 WEST 113 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M113**
Program / Asset #	: **BOE0065.000 / 1693**	**Yr Built/Renovated**	: **1938 / 2008**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1828** **Lot** : **15**	**BIN**	: **1055111**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,185,400	$794,200
Interior Architecture	$1,412,100	$347,800
Electrical	$824,300	$461,700
Mechanical	$1,010,100	$1,131,500
Total	**$4,431,900**	**$2,735,100**
Importance Code A	$1,696,500	$825,700
Importance Code B	$2,735,400	$1,758,100
Importance Code C		$151,300
Total	**$4,431,900**	**$2,735,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,800	$18,100		
Interior Architecture	$4,800	$9,300	$7,500	$14,900
Electrical	$30,300	$89,900	$2,700	$2,000
Mechanical	$42,600	$30,900	$24,400	$14,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,400**	**$152,200**	**$38,400**	**$35,500**
Importance Code A	$52,800	$28,800	$10,400	$10,400
Importance Code B	$81,700	$123,400	$28,000	$25,100
Importance Code C				
Total	**$134,400**	**$152,200**	**$38,400**	**$35,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$920,700	LIFE	* *	5	$152,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,700	
Masonry: Limestone	10%	Now	$196,100	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$36,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$68,500	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$20,700	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	Now	$32,100	2023	$641,600			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Roof Over 4th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2026	$115,700	5	$6,000	
Terrazzo	2%			LIFE	* *	5	$3,100	
Vinyl Tile	30%			2028	* *	3	$22,400	
Vinyl Tile	60%	Now	$304,500	2018	$1,015,100	3	$44,800	
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	5%			2038	* *	5	$18,700	
Interior Walls								
Ceramic Tile	3%			2026	$151,300	5	$5,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Masonry: Brick	5%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$34,000	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$92,500	2043	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
AcousTileConcealSpLn	15%	Now	$4,800	2028	* *	5	$18,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$4,700	
Plaster	65%			LIFE	* *	5	$80,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridor Near Room 411 A								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2023	$31,500	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 800 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$136,800	5	$300	
Fused Disc Sw	30%			2033	* *	5	$100	
Raceway								
Conduit	70%			2023	$146,100	1		
Conduit	30%			2033	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	10%	2-4	$17,900	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	50%			2022	$89,700	5	$1,400	
Molded Case Bkrs	25%			2031	* *	5	$700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$208,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$400	
Locally Mounted	50%	2-4	$57,600	2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Connected To Main Water Pipe In The Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$90,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2018	$25,100	10	$100	
Incandescent	3%			2018	$35,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$70,800	10	$12,700	
Exit, Service	50%			2018	$14,200	1		
Exterior Lighting								
HID	100%			2018	$396,600	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2031	* *	1-3	$22,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$32,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 15,000 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$511,200	2043	* *	1	$93,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Burner Controls								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$219,900	2043	* *	4	$5,200	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Condensate Pump And Steam Traps								
Terminal Devices								
Air Handler	25%	Now	$7,100	2023	$141,500	1	$14,600	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Flexible Duct Connections								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Controls								
Convector/Radiator	60%			2021	$595,100	1	$20,400	
Fan Coil Unit/Heat	15%	Now	$11,800	2018	$235,800	1	$4,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Classrooms Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$43,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,500	
Exhaust Fans								
Interior	70%			2023	$81,200	2	$2,300	
Roof	30%			2023	$25,000	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$15,700	2021	$313,600	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Shut Off Valves Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - M

Asset # : 1693

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 113 - Q**
Address : **87-21 79 AVENUE BTWN: 87 ST., 88 ST.**
Borough : **QUEENS**
Agency's Number : **Q113**
Program / Asset # : **BOE0762.000 / 1566**
Yr Built/Renovated : **1928 / 2009**
Area Sq Ft : **94,000**
Project Type : **EDUCATION**
Date of Survey : **08-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3846** **Lot** : **40**
BIN : **4094055**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$291,500	$153,900
Interior Architecture	$129,600	$284,900
Electrical	$127,800	$217,900
Mechanical		$447,900
Total	**$548,900**	**$1,104,600**
Importance Code A	$291,500	$153,900
Importance Code B	$214,200	$950,700
Importance Code C	$43,200	
Total	**$548,900**	**$1,104,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,600	$22,100	$6,000	
Interior Architecture	$79,000	$9,100	$21,300	$5,100
Electrical	$11,900	$7,600	$9,900	$9,100
Mechanical	$49,300	$19,500	$24,000	$16,000
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$209,600**	**$74,100**	**$76,900**	**$46,000**
Importance Code A	$60,200	$28,800	$12,600	$6,700
Importance Code B	$104,100	$39,800	$60,600	$39,300
Importance Code C	$45,300	$5,400	$3,600	
Total	**$209,600**	**$74,100**	**$76,900**	**$46,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement-Fiber Panel	3%			2031	* *	10	$8,200	
Masonry: Brick	30%			LIFE	* *	5	$52,700	
Masonry: Brick Cavity	7%			LIFE	* *	5	$12,300	
Masonry: Brick Cavity	53%			LIFE	* *	5	$93,000	
Masonry: Limestone	2%			LIFE	* *	5	$2,600	
Masonry: Marble	3%			LIFE	* *	5	$4,000	
Pre-Cast Concrete	2%			LIFE	* *	5	$11,400	
Windows								
Aluminum	45%	Now	$61,600	2042	* *	5	$7,400	
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Rooms 206, 208, 209, Exit 6								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 15%								
Location : Rooms 206, 208, 209, Exit 6								
Aluminum	55%			2048	* *	5	$18,000	
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5-10	$184,200	
Masonry: Brick	5%			LIFE	* *	5-10	$6,300	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$50,700	
Metal Rail	10%			2043	* *	5-10	$33,500	
Marble Panels	5%			LIFE	* *	5-10	$8,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,700	
Roof								
Asphalt Shingle	5%			2035	* *	10	$900	
Asphalt Shingle	35%			2029	* *	10	$6,000	
Copper/Terne	2%			2041	* *	10	$5,100	
IRMA/Protected Membrane	50%			2034	* *	10	$51,000	
Single Ply Membrane	8%			2031	* *	10	$8,200	
Interior								
Floors								
Carpet	5%			2027	* *	3	$10,800	
Cast in Place Concrete	5%			LIFE	* *	5	$31,600	
Ceramic Tile	2%			2035	* *	5	$2,900	
Vinyl Tile	28%			2031	* *	3	$15,200	
Vinyl Tile	20%			2026	$245,400	3	$14,400	
Vinyl Tile	30%			2034	* *	3	$16,200	
Wood	5%			2041	* *	5	$13,500	
Wood	5%			2061	* *	5	$13,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$7,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$23,300	
Folding Partition	3%			2048	* *	5	$10,900	
Gypsum Board	7%			LIFE	* *	5-10	$17,300	
Gypsum Board	20%			LIFE	* *	5-10	$49,400	
Masonry: Brick	5%			LIFE	* *	10	$2,200	
Plaster	33%			LIFE	* *	5-10	$40,800	
SGFT/Glazed Masonry	7%			LIFE	* *	10	$5,100	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$14,300	
AcousTileSusp.Lay-In	55%			2043	* *	5	$78,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,300	
Plaster	30%			LIFE	* *	5-10	$73,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	75%			2026	$129,500	1		
Conduit	25%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$2,200	
Wiring								
Braided Cloth	50%	2-4	$127,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing								
Thermoplastic	50%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$28,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	$36,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated @ 250 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,500	
Fuel Storage								
Main Tank	100%			2054	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$87,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	* *	10	$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$1,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2046	* *	1		
Interruptible Gas/Dual Fuel	40%			2046	* *	1		
Conversion Equipment								
Furnace	60%			2031	* *	1	$28,600	
Other Observation, Extent : Light, Area Affected : 60%								
Location : New Wing Roof								
Explanation : 5 Roof Top Units								
Steam Boiler	40%			2039	* *	1	$38,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing Basement Boiler Room								
Explanation : 2 Units For Old Wing								
Distribution								
Steam Piping/Pump	40%			2036	* *	4	$1,900	
No Component	60%							
Terminal Devices								
Air Handler	10%			2026	$52,000	1	$6,000	
Convector/Radiator	20%	Now	$3,600	2031	* *	1	$5,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control Air Leaks At Various Locations								
Fan Coil Unit/Heat	10%			2026	$144,400	1	$3,100	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2024	$192,100	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Penthouse Mech Room								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Penthouse Mech Room								
Explanation : 2 Units								
Ext Pkg Unit - Heating/Cooling	60%			2031	* *	2	$3,500	
Other Observation, Extent : Light, Area Affected : 60%								
Location : New Wing Roof								
Explanation : 5 Units With 407a Refrigerant								
Window/Wall Unit	30%			2021	$59,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,100	
Exhaust Fans								
Interior	20%			2021	$21,300	2	$600	
Roof	80%			2031	* *	2	$2,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 113 - Q

Asset # : 1566

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$22,400	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (3) C-3 (1) C-1								
Explanation : 4 Units								
Fire Suppression								
Sprinkler								
No Component	40%							
Generic	60%			2046	* *	1-2	$16,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 114 - BK**				
Address	: **1077 REMSEN AVENUE @BAYVIEW PL.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K114**	
Program / Asset #	: **BOE0424.000 / 1384**		**Yr Built/Renovated**	: **1907 / 2008**	
Area Sq Ft	: **104,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Sep-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **8160**	**Lot** : **22**	**BIN**	: **3229159**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$380,500	$227,700
Interior Architecture	$1,064,700	$70,000
Electrical	$1,322,600	$511,200
Mechanical	$66,000	$115,400
Total	**$2,833,700**	**$924,400**
Importance Code A	$380,500	$227,700
Importance Code B	$2,136,100	$696,600
Importance Code C	$317,200	
Total	**$2,833,700**	**$924,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,400			
Interior Architecture	$94,800	$4,000		$14,600
Electrical	$15,800	$16,800	$48,700	$14,200
Mechanical	$35,400	$19,300	$32,300	$17,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$197,400**	**$44,100**	**$85,000**	**$50,300**
Importance Code A	$58,000	$10,600	$10,800	$10,600
Importance Code B	$74,400	$33,500	$74,100	$39,700
Importance Code C	$65,000			
Total	**$197,400**	**$44,100**	**$85,000**	**$50,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$66,400	
Masonry: Brick	30%	Now	$76,900	LIFE	* *	5	$51,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	65%	Now	$166,600	LIFE	* *	5	$110,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$50,600	
Parapets								
Masonry: Brick	90%	Now	$56,700	LIFE	* *	5	$19,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Rail	10%			2037	* *	5-10	$39,400	
Roof								
Built-Up (BUR)	70%	Now	$80,300	2029	* *			
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%	0-2	$9,400	2037	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Single Ply Membrane	25%	Now	$14,000	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$4,200	LIFE	* *	5	$17,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2033	* *	5	$8,000	
Marble Panels	2%	0-2	$4,600	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Quarry Tile	5%			2037	* *	5	$12,000	
Vinyl Tile	30%	0-2	$20,400	2029	* *	3	$18,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	43%	0-2	$29,300	2019	$585,400	3	$25,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout 9x9 Tiles								
Wood	10%			2052	* *	5	$30,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	15%	0-2	$33,200	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	15%			LIFE	* *	5	$17,900	
Masonry: Brick	10%	0-2	$38,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$31,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Lobby								
Plaster	58%	Now	$278,300	LIFE	* *	5	$34,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	$38,900	2037	* *	5	$24,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	70%	0-2	$73,600	LIFE	* *	5	$70,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Newer Wing								
Explanation : One 400 Amps Main Disconnect Switch In New Wing								
Fused Disc Sw	70%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Older Wing								
Explanation : Two 1200 Amps Main Disconnect Switch In Old Wing								
Switchgear / Switchboard								
Fused Disc Sw	30%			2044	* *	5	$100	
Fused Disc Sw	60%			2024	$117,300	5	$300	
Molded Case Bkrs	10%			2024	$19,500	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2024	$146,100	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	30%			2040	* *	5	$800	
Molded Case Bkrs	60%			2023	$107,600	5	$1,600	
Wiring								
Braided Cloth	50%	2-4	$149,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	20%			2024	$59,700	1		
Motor Controllers								
Locally Mounted	30%			2037	* *	5	$200	
Locally Mounted	70%			2022	$80,600	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$32,000	
Generators								
Diesel	100%			2033	* *	1	$40,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement - Newer Wing								
Explanation : One 363 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,900	
Fuel Storage								
Main Tank	100%			2052	* *	5	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 314 Gals								
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$29,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Newer Wing								
Explanation : T-8 Lamps								
Fluorescent	55%			2019	$653,500	10	$54,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Older Wing								
Explanation : T-12 Lamps								
HID	5%			2019	$42,700	10	$200	
Incandescent	10%			2019	$118,800	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	40%			2019	$21,000	1		
Emergency, Battery	10%			2029	* *	10	$2,600	
Exit, Service	40%			2019	$11,500	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	30%			2029	* *	10	$100	
HID	70%			2019	$274,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$11,700	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$46,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$105,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$7,900	
Terminal Devices								
Air Handler	20%			2024	$115,400	1	$13,200	
Convector/Radiator	80%			2029	* *	1	$27,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2029	* *	2	$1,300	
Window/Wall Unit	30%			2019	$66,000	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$27,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BK

Asset # : 1384

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$3,000	2029	* *	2	$1,300	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Fan Room								
Roof	50%			2029	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$16,000	2037	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Corroded - Basement								
Water Heater								
Gas Fired	100%			2022	$24,900	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2032	* *	1	$1,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2034	* *	1-2	$7,500	
Fire Pump								
No Component	80%							
Generic	20%			2037	* *	1	$4,000	
Chemical System								
Dry	5%			2022	$1,300	1-3	$2,500	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 114 - BX**				
Address	: **1155 CROMWELL AVENUE @ MCCLELLAN ST.**				
Borough	: **BRONX**		**Agency's Number**	: **X114**	
Program / Asset #	: **BOE0254.000 / 200**		**Yr Built/Renovated**	: **1941 / 2000**	
Area Sq Ft	: **69,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Oct-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2495**	**Lot** : **100**	**BIN**	: **2003022**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$163,200	$51,500
Interior Architecture	$280,800	$261,400
Electrical	$1,851,000	$192,400
Mechanical	$192,700	$1,174,300
Total	**$2,487,700**	**$1,679,600**
Importance Code A	$163,200	$433,100
Importance Code B	$2,187,300	$1,246,500
Importance Code C	$137,200	
Total	**$2,487,700**	**$1,679,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,400	$14,900		$6,000
Interior Architecture	$86,700	$9,300	$2,700	$13,200
Electrical	$16,200	$100	$100	$27,900
Mechanical	$68,200	$9,800	$15,700	$20,700
Total	**$220,500**	**$34,100**	**$18,500**	**$67,900**
Importance Code A	$56,400	$21,900	$7,000	$13,200
Importance Code B	$142,800	$12,100	$8,800	$54,700
Importance Code C	$21,300		$2,700	
Total	**$220,500**	**$34,100**	**$18,500**	**$67,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$77,700	LIFE	* *	5	$51,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	2-4	$35,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2035	* *	5-10	$22,100	
Slate Panels	10%	0-2	$16,900	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$50,200	2041	* *	5	$12,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$11,600	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	10%			2038	* *	5-10	$24,600	
Roof								
Built-Up (BUR)	95%	Now	$32,600	2030	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Copper/Terne	5%			2053	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,200	
Ceramic Tile	5%	0-2	$10,300	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	25%	0-2	$67,600	2025	$225,200	3	$9,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	40%			2030	* *	3	$15,900	
Wood	10%			2040	* *	5	$19,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$5,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	2-4	$21,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$85,600	LIFE	* *	5	$16,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$51,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	Now	$21,300	2030	* *	5	$16,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	20%	0-2	$33,900	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	0-2	$76,000	LIFE	* *	5	$36,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : On Extended Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2050	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Fused Toggle Switch	75%	2-4	$100,900	2050	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$37,800	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	50%			2023	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2020	$770,500	10	$63,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$11,300	10		
Egress Lighting								
Emergency, Battery	20%			2030	* *	10	$3,400	
Emergency, Battery	30%			2020	$28,600	10	$5,100	
Exit, Service	10%			2030	* *	1		
Exit, Service	40%			2020	$7,600	1		
Exterior Lighting								
HID	100%			2020	$260,600	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$285,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$174,300	5	$21,900	
Conversion Equipment								
Steam Boiler	100%			2023	$344,600	1	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$24,700	2035	* *	4	$3,500	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Under The Boiler Room Floor								
Terminal Devices								
Air Handler	20%			2020	$76,300	1	$8,800	
Convector/Radiator	80%			2023	$534,900	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$116,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,500	
Exhaust Fans								
Interior	100%			2025	$78,200	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$42,300	1		
Water Heater								
Electric	100%	Now	$3,300	2023	$11,000	4	$400	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Heating Coil Burnt Out								
HW Heat Exchanger								
Low Temp	100%			2025	$22,000	4	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - BX

Asset # : 200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$15,400	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Sewer Line To Street								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2035	* *	4	$1,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$24,800	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 114 - Q**		
Address	: **134-01 CRONSTON AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q114**
Program / Asset #	: **BOE0763.000 / 190**	**Yr Built/Renovated**	: **1926 / 2010**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16257** **Lot** : **1**	**BIN**	: **4305615**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,600	$53,800
Interior Architecture	$174,900	$56,300
Electrical	$174,100	$606,600
Mechanical	$102,900	$679,600
Total	**$519,600**	**$1,396,200**
Importance Code A	$67,600	$90,800
Importance Code B	$452,000	$1,305,400
Total	**$519,600**	**$1,396,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,100		$11,600	
Interior Architecture	$19,600	$9,000	$5,100	
Electrical	$1,600	$22,700	$1,500	$1,200
Mechanical	$12,300	$9,900	$15,300	$10,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$52,700**	**$45,500**	**$37,600**	**$15,900**
Importance Code A	$21,900	$7,000	$18,400	$6,800
Importance Code B	$30,800	$38,500	$19,100	$9,100
Importance Code C				
Total	**$52,700**	**$45,500**	**$37,600**	**$15,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$24,400	
Masonry: Brick	40%			LIFE	* *	5	$25,000	
Masonry: Brick	8%	Now	$15,100	LIFE	* *	5	$5,000	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Masonry: Brick	38%			LIFE	* *	5	$23,800	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : New Face Brick								
Masonry: Granite	5%			LIFE	* *	5	$2,300	
Masonry: Limestone	2%			LIFE	* *	5	$900	
Masonry: Marble	2%			LIFE	* *	5	$900	
Windows								
Aluminum	100%			2039	* *	5	$23,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$11,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Security Bars	2%			2038	* *			
Pre-Cast Concrete	8%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	93%			2028	* *	10	$67,600	
Copper/Terne	5%			2051	* *	10	$9,100	
Skylight, Metal/Glass	2%			2043	* *	10	$4,800	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$56,300	
Ceramic Tile	5%			2032	* *	5	$5,100	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	40%			2028	* *	3	$15,400	
Vinyl Tile	20%			2018	$174,900	3	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1955 Addition On South Side								
Explanation : 9x9 Tiles								
Wood	8%			2051	* *	5	$15,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	68%			LIFE	* *	5	$21,100	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$12,800	
Exposed Concrete	35%			LIFE	* *	5	$5,600	
Metal Panel	5%	Now	$17,100	LIFE	* *	5	$6,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	50%			LIFE	* *	5	$31,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$117,300	5	$200	
Fused Disc Sw	20%			2049	* *	5	$100	
Raceway								
Conduit	70%			2023	$86,700	1		
Conduit	25%			2033	* *	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	30%			2031	* *	5	$500	
Molded Case Bkrs	50%			2022	$67,300	5	$900	
Molded Case Bkrs	10%			2045	* *	5	$200	
Wiring								
Braided Cloth	60%	2-4	$104,300	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$45,300	5	$300	
Locally Mounted	40%			2028	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2028	* *	10	$60,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Using T-8 Lamps								
HID	2%			2018	$11,000	10		
HID	2%			2028	* *	10		
Egress Lighting								
Emergency, Battery	40%			2028	* *	10	$6,600	
Emergency, Battery	10%			2018	$9,300	10	$1,700	
Exit, Service	40%			2028	* *	1		
Exit, Service	10%			2018	$1,900	1		
Exterior Lighting								
HID	100%			2023	$253,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$12,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$3,400	
Terminal Devices								
Air Handler	20%			2023	$74,100	1	$8,500	
Convector/Radiator	70%			2021	$454,400	1	$15,500	
Fan Coil Unit/Heat	10%			2018	$102,900	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$113,000	1		
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 114 - Q

Asset # : 190

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$23,000	
No Component	40%							
Exhaust Fans								
Interior	50%	Now	$1,900	2023	$38,000	2	$800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Roof	10%	Now	$300	2023	$5,500	2	$200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Bathroom								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2049	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$16,000	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,100	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boys Bathroom								
Explanation : Insufficient Fixtures In Handicap Unit								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 115 - BK**
Address : **EAST 92ND ST. & AVENUE M BTWN: AVE. L, AVE. M**
Borough : **BROOKLYN** | **Agency's Number** : **K115**
Program / Asset # : **BOE0425.000 / 13** | **Yr Built/Renovated** : **1922 / 2011**
Area Sq Ft : **133,857** | **Project Type** : **EDUCATION**
Date of Survey : **07-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8256** **Lot** : **1** | **BIN** : **3232559**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$772,700	$302,100
Interior Architecture	$177,500	$704,600
Electrical		$1,935,600
Mechanical	$33,200	$474,000
Total	**$983,300**	**$3,416,300**
Importance Code A	$772,700	$302,100
Importance Code B	$140,500	$3,075,900
Importance Code C	$70,200	$38,300
Total	**$983,300**	**$3,416,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$55,000		$34,500	
Interior Architecture	$192,400		$37,700	$15,100
Electrical	$29,000	$10,300	$11,000	$11,800
Mechanical	$64,500	$56,300	$53,300	$49,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$348,800**	**$74,500**	**$144,400**	**$84,400**
Importance Code A	$68,400	$13,300	$47,700	$13,300
Importance Code B	$192,300	$61,300	$96,600	$66,600
Importance Code C	$88,100			$4,600
Total	**$348,800**	**$74,500**	**$144,400**	**$84,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$141,900	
Masonry: Brick	88%			LIFE	* *	5	$319,800	
Recent Repair Evident, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Granite	2%			LIFE	* *	5	$5,500	
Metal Panel	3%			2046	* *	5-10	$37,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$23,600	
Windows								
Aluminum	90%	Now	$436,400	2042	* *	5	$26,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Unit Inoperable, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Glass Block	10%			LIFE	* *	5	$7,200	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$32,900	
Concrete Masonry Unit	10%			LIFE	* *	5-10	$12,700	
Masonry: Brick	18%			LIFE	* *	5-10	$28,500	
Masonry: Brick	60%			LIFE	* *	5-10	$95,000	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Metal Rail	5%			2039	* *	5-10	$20,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	25%			2034	* *	10	$29,700	
Metal Panel	10%			2039	* *	10	$21,800	
Modified Bitumen	60%			2036	* *	10	$71,300	
Recent Installation, Extent : Light, Area Affected : 100% *Location : Throughout*								
Skylight, Metal/Glass	5%			2036	* *	10	$19,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$43,800	
Ceramic Tile	3%			2035	* *	5	$6,000	
Marble Panels	2%			LIFE	* *	5	$6,000	
Terrazzo	2%	Now	$9,300	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
Vinyl Tile	30%			2026	$511,100	3	$30,100	
Vinyl Tile	33%			2031	* *	3	$24,800	
Wood	25%			2041	* *	5	$93,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$9,100	
Concrete Masonry Unit	25%			LIFE	* *	5	$60,700	
Gypsum Board	10%			LIFE	* *	5-10	$51,600	
Masonry: Brick	10%			LIFE	* *	10	$9,100	
Plaster	42%			LIFE	* *	5-10	$108,400	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$15,200	
Ceilings								
AcousTileSusp.Lay-In	30%			2039	* *	5	$58,900	
Exposed Concrete	10%			LIFE	* *	5-10	$24,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$19,600	
Gypsum Board	5%			LIFE	* *	5-10	$33,700	
Plaster	50%			LIFE	* *	5-10	$168,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 1200 Amp								
Fused Disc Sw	65%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 2000 Amp								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	50%			2026	$123,700	1		
Conduit	50%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$3,500	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$41,200	
Generators								
Diesel	100%			2035	* *	1	$51,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Outdoor Enclosed Unit								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$5,000	
Fuel Storage								
Day Tank	100%			2042	* *	5	$24,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rooftop Enclosure								
Explanation : With Generator								
Lighting								
Interior Lighting								
Fluorescent	45%			2031	* *	10	$55,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-8								
Fluorescent	45%			2026	$669,100	10	$55,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-12								
HID	10%			2026	$106,800	10	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Gymnasium								
Explanation : Type Sodium								
Egress Lighting								
Exit, Service	50%			2026	$18,100	1		
Exit, Battery	50%			2026	$61,600	10	$4,500	
Exterior Lighting								
HID	100%			2026	$505,500	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$81,000	1	$10,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$277,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7500 Gallons								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$132,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$18,700	2036	* *	4	$6,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	20%			2031	* *	1	$8,700	
Fan Coil Unit/Heat	10%			2026	$200,400	1	$4,300	
No Component	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Air Handlers Covered Under A C								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2031	* *	1	$43,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Heating/Cooling	5%			2031	* *	2	$400	
No Component	25%							
Distribution								
Chilled Wtr Pipe/Pump	70%			2046	* *	4	$6,900	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2031	* *	1	$57,900	
No Component	30%							
Heat Rejection								
Air Condenser Unit	70%			2026	$140,400	2	$65,300	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$118,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - BK

Asset # : 13

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2026	$133,200	2	$3,700	
Roof	10%			2026	$10,600	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2046	* *	1		
Galv Iron/Steel	10%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$31,100	2	$1,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$8,200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	35%							
Generic	65%			2046	* *	1-5	$43,900	
Sprinkler								
No Component	35%							
Generic	65%			2046	* *	1-2	$24,400	
Fire Pump								
No Component	35%							
Generic	65%			2035	* *	1	$16,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 115 - M**
Address : **586 WEST 177 STREET BTWN: AUDUBON AVE., ST NICHOLAS**
Borough : **MANHATTAN** | **Agency's Number** : **M115**
Program / Asset # : **BOE0066.000 / 1694** | **Yr Built/Renovated** : **1914 / 2014**
Area Sq Ft : **104,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2133** **Lot** : **40** | **BIN** : **1063228**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$562,600	$349,200
Interior Architecture	$947,400	$1,650,200
Electrical	$238,700	$926,800
Mechanical	$37,300	$376,300
Total	**$1,786,100**	**$3,302,500**
Importance Code A	$562,600	$391,200
Importance Code B	$851,000	$2,038,200
Importance Code C	$372,500	$873,100
Total	**$1,786,100**	**$3,302,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,400		$5,100	
Interior Architecture	$51,600		$7,000	$9,000
Electrical	$11,900	$1,200	$1,500	$1,700
Mechanical	$89,200	$14,700	$30,600	$14,700
Total	**$168,100**	**$15,900**	**$44,300**	**$25,400**
Importance Code A	$25,800	$10,600	$15,700	$10,600
Importance Code B	$142,300	$5,300	$28,600	$14,800
Importance Code C				
Total	**$168,100**	**$15,900**	**$44,300**	**$25,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$155,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$337,900	
Masonry: Limestone	5%			LIFE	* *	5	$14,900	
Metal Panel	5%			2036	* *	5-10	$68,300	
Windows								
Aluminum	100%	Now	$235,400	2042	* *	5	$28,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$94,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,900	
Roof								
Metal Panel	5%			2039	* *	10	$5,100	
Modified Bitumen	95%			2036	* *	10	$52,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$35,000	
Ceramic Tile	5%	Now	$15,500	2029	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	3%	Now	$138,100	2046	* *	5	$3,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%	0-2	$14,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	45%	0-2	$61,300	2021	$612,600	3	$27,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2034	* *	3	$21,000	
Wood	5%	4+	$52,800	2041	* *	5	$7,500	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Auditorium Along Walls And Stage								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%	0-2	$165,100	2022	$825,300	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	0-2	$79,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	0-2	$128,000	LIFE	* *	5	$47,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	0-2	$3,700	2024	$74,400	5	$4,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Metal Panel	5%	Now	$133,700	LIFE	* *	5	$10,000	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	90%	0-2	$189,100	LIFE	* *	5	$90,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 505, 512								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2026	$12,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2046	* *	5	$400	
Fused Disc Sw	20%			2026	$39,100	5	$100	
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	30%			2025	$53,800	5	$800	
Molded Case Bkrs	60%			2042	* *	5	$1,600	
Wiring								
Braided Cloth	80%	2-4	$238,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$94,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$2,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$17,100	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$12,900	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$392,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,700	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 7,500 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%	Now	$10,400	2039	* *	1	$95,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Faulty, Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$37,300	2036	* *	4	$5,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Terminal Devices								
Air Handler	20%	Now	$23,100	2026	$115,400	1	$11,900	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Basement								
Convector/Radiator	80%			2031	* *	1	$27,600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2026	$175,900	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
No Component	20%							
Dehumidifier								
Generic	100%			2024				
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,400	
Exhaust Fans								
Roof	100%	Now	$17,000	2026	$85,000	2	$2,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$24,900	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units - One 98 Gallon And One 65 Gallon								

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DEPARTMENT OF EDUCATION - 040

P. S. 115 - M

Asset # : 1694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2036	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 115 - Q**		
Address	: **80-51 261 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q115**
Program / Asset #	: **BOE0764.000 / 1567**	**Yr Built/Renovated**	: **1950 / 2006**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8717** **Lot** : **1**	**BIN**	: **4178127**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$232,600	$101,400
Interior Architecture	$704,900	
Electrical	$52,200	$1,305,800
Mechanical		$720,400
Total	**$989,700**	**$2,127,500**
Importance Code A	$232,600	$455,900
Importance Code B	$757,100	$1,671,600
Total	**$989,700**	**$2,127,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,800			$9,600
Interior Architecture	$3,400	$3,400	$4,400	$30,600
Electrical	$24,400	$1,000	$800	$19,200
Mechanical	$17,600	$10,000	$21,700	$36,300
Total	**$70,200**	**$14,400**	**$26,900**	**$95,700**
Importance Code A	$31,900	$7,200	$7,200	$16,800
Importance Code B	$38,200	$7,200	$17,000	$78,800
Importance Code C			$2,700	
Total	**$70,200**	**$14,400**	**$26,900**	**$95,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	25%	Now	$62,100	LIFE	* *	5	$16,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Noerthwest Corner								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Northwest Corner								
Masonry: Brick Cavity	70%			LIFE	* *	5	$46,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%	Now	$103,400	2047	* *	5	$12,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor And Gymnasium								
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$9,800	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	25%			2042	* *	5-10	$63,200	
Roof								
Built-Up (BUR)	95%	Now	$67,100	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Auditorium, Gymnasium, East Side Classrooms								
Copper/Terne	3%			2060	* *	10	$5,800	
Copper/Terne	2%			2040	* *	10	$3,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,800	
Ceramic Tile	3%			2034	* *	5	$3,300	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	25%			2030	* *	3	$10,200	
Vinyl Tile 9" X 9"	50%	0-2	$600,400	2035	* *	3	$20,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2040	* *	5	$20,400	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$21,700	
AcousTileConcealSpLn	5%			2042	* *	5	$6,800	
AcousTileSusp.Lay-In	5%			2030	* *	5	$5,400	
Exposed Concrete	60%	Now	$104,500	LIFE	* *	5	$10,200	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, 3rd Floor, Classroom(s)								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Classroom(s), 2nd Floor, 3rd Floor								
Plaster	10%			LIFE	* *	5	$6,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$52,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$52,900	5	$300	
Locally Mounted	30%	2-4	$22,700	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	3%			2030	* *	10	$2,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	93%			2025	$752,400	10	$62,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2025	$16,200	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Staircase								
Incandescent	2%			2020	$16,200	2		
Egress Lighting								
Emergency, Battery	50%			2025	$49,100	10	$8,800	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$64,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$220,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$179,400	5	$22,600	
Conversion Equipment								
Steam Boiler	100%	Now	$7,100	2023	$354,600	1	$64,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : #2 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 115 - Q

Asset # : 1567

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$78,500	1	$9,000	
Convector/Radiator	80%			2030	* *	1	$18,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$15,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Exhaust Fans								
Interior	80%			2025	$64,400	2	$1,800	
Roof	20%	Now	$1,200	2025	$11,600	2	$400	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$43,500	1		
Water Heater								
Gas Fired	100%			2023	$16,900	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,100	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Along The Storm Drain In Basement								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 116 - BK**				
Address	: **515 KNICKERBOCKER AVENUE @GROVE ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K116**	
Program / Asset #	: **BOE0426.000 / 1385**		**Yr Built/Renovated**	: **1897 / 2001**	
Area Sq Ft	: **50,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3317**	**Lot** : **1**	**BIN**	: **3075909**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$204,400	$215,100
Interior Architecture		$365,800
Electrical	$361,900	$395,100
Mechanical	$55,500	$76,800
Total	**$621,700**	**$1,052,700**
Importance Code A	$204,400	$215,100
Importance Code B	$417,300	$837,600
Total	**$621,700**	**$1,052,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$21,700	$4,800	$27,200	
Electrical	$37,500	$1,900	$31,700	$1,500
Mechanical	$36,300	$9,600	$37,700	$7,200
Total	**$95,500**	**$16,300**	**$96,600**	**$8,700**
Importance Code A	$5,100	$5,100	$5,200	$5,100
Importance Code B	$88,900	$11,200	$91,400	$3,600
Importance Code C	$1,400			
Total	**$95,500**	**$16,300**	**$96,600**	**$8,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$85,500	
Masonry: Brownstone	5%			LIFE	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Window Sills								
Explanation : Painted Surfaces								
Windows								
Wood	100%	Now	$145,500	2040	* *	5	$129,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Cornice	100%			2052	* *	10	$27,100	
Roof								
Metal Panel	100%			2037	* *	10	$58,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$16,800	
Ceramic Tile	3%			2027	* *	5	$2,300	
Traffic Topping	2%	0-2	$19,100	2034	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	50%			2024	$327,300	3	$14,400	
Wood	35%			2039	* *	5	$50,500	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$2,900	
Masonry: Brick	20%			LIFE	* *			
Plaster	77%			LIFE	* *	5	$22,100	
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	$3,800	
Exposed Concrete	15%			LIFE	* *	5	$1,800	
Plaster	80%			LIFE	* *	5	$38,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated @ 1200 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$122,200	5	$200	
Raceway								
Conduit	100%			2024	$69,400	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	90%			2023	$94,200	5	$1,200	
Wiring								
Braided Cloth	30%	2-4	$27,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2024	$63,900	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$46,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2024	$8,200	10		
Egress Lighting								
Emergency, Battery	50%			2024	$34,700	10	$6,200	
Exit, Service	50%			2024	$6,900	1		
Exterior Lighting								
Incandescent	100%			2019	$160,300	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Entrance Only								
Explanation : Outside Lights								
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$30,300	1	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$155,400	2034	* *	1-3	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extended Life, Alarm Bells And Manual Pull Stations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$15,900	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$50,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$18,000	2034	* *	4	$2,500	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Lack Of Thermostat To Control Zone Temperature								
Terminal Devices								
Air Handler	20%			2019	$55,500	1	$6,400	
Convector/Radiator	70%			2029	* *	1	$11,600	
Unit Heater-Stm/HW	10%			2024	$33,200	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$10,600	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$5,700	
No Component	80%							
Exhaust Fans								
Interior	20%			2019	$11,400	2	$300	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2034	* *	1		
Galv Iron/Steel	50%	Now	$3,800	2022	$76,800	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Only One Water Line Entering The Building								
Water Heater								
Electric	100%			2022	$8,000	4	$500	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$7,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - BK

Asset # : 1385

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Water Backs Up In Basement When It Rains. Building Location In Low Ground Elevation Area May Contribute To Problem.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$18,000	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 116 - M**		
Address	: **210 EAST 33 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M116**
Program / Asset #	: **BOE0067.000 / 2634**	**Yr Built/Renovated**	: **1926 / 2001**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **913** **Lot** : **7**	**BIN**	: **1020080**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$192,600
Interior Architecture	$789,900	
Electrical	$395,300	$610,900
Mechanical	$267,600	$1,499,300
Total	**$1,452,700**	**$2,302,900**
Importance Code A		$539,200
Importance Code B	$1,452,700	$1,763,700
Total	**$1,452,700**	**$2,302,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,400			
Interior Architecture	$39,100	$5,300	$2,400	$17,300
Electrical	$9,500	$200	$800	$16,700
Mechanical	$71,500	$9,800	$14,300	$71,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$169,500**	**$20,300**	**$22,400**	**$110,500**
Importance Code A	$75,400	$6,300	$6,300	$6,400
Importance Code B	$76,800	$14,000	$13,700	$104,100
Importance Code C	$17,300		$2,400	
Total	**$169,500**	**$20,300**	**$22,400**	**$110,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$9,900	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,300	
Masonry: Brick	70%			LIFE	* *	5	$48,900	
Masonry: Granite	3%			LIFE	* *	5	$1,600	
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Stucco Cement	12%	Now	$24,300	2038	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	40%			2041	* *	5	$9,600	
Wood	60%			2041	* *	5	$143,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,300	
Masonry: Brick	90%			LIFE	* *	5	$7,300	
Roof								
Built-Up (BUR)	100%	2-4	$10,300	2030	* *			
Alligatoring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$5,000	LIFE	* *	5	$20,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	0-2	$9,200	2034	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%			2030	* *	3	$1,800	
Vinyl Tile 9" X 9"	70%	Now	$734,000	2035	* *	3	$25,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%			2060	* *	5	$17,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$4,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Folding Partition	5%			2041	* *	5	$12,000	
Plaster	15%			LIFE	* *	5	$4,300	
Plaster	45%	Now	$17,300	LIFE	* *	5	$12,900	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stairwells								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%	Now	$7,600	2038	* *	5	$11,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Room 118								
AcousTileSusp.Lay-In	10%			2038	* *	5	$9,500	
Exposed Concrete	25%			LIFE	* *	5	$3,700	
Plaster	45%	4+	$55,900	LIFE	* *	5	$26,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	98%			2025	$121,400	1		
Conduit	2%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$100	
Molded Case Bkrs	90%			2024	$121,100	5	$1,500	
Wiring								
Braided Cloth	68%	2-4	$118,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	2%			2051	* *	1		
Thermoplastic	30%			2025	$52,200	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$400	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$57,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2033	* *	10		
Egress Lighting								
Emergency, Battery	50%			2020	$42,900	10	$7,700	
Exit, Service	50%			2020	$8,600	1		
Exterior Lighting								
HID	100%			2020	$234,200	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$156,600	5	$19,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Beyond Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 6,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$31,000	2023	$309,600	1	$56,700	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unreliable Boiler Burner Operation								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Beyond Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two #6 Oil Burning Steam Boilers								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$8,900	2025	$444,100	4	$3,100	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement, Defective Vaccuum Pump Seals								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Steam And Condensate Return Piping Are Beyond Useful Life Cycle								
Terminal Devices								
Air Handler	40%	Now	$6,900	2020	$137,200	1	$14,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Penthouse Mechanical Room, The Air Handling Equipment Is Beyond Useful Life Cycle								
Convector/Radiator	50%	Now	$15,000	2023	$300,400	1	$9,200	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Traps, Throughout								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout The Old Wing Of The Building, Steam Radiators Are Beyond Useful Life Cycle								
Fan Coil Unit/Heat	10%	Now	$9,500	2020	$95,200	1	$1,800	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Throughout Old Wing Of The Building, Multiple Mechanical And / Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Throughout Old Wing Of The Building , Unit Ventilators Are Beyond Useful Life Cycle								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2023	$117,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,500	
Exhaust Fans								
Interior	50%			2020	$35,200	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Penthouse, Exhaust Fans Are Beyond Useful Life Cycle								
Roof	50%			2020	$25,300	2	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Roof, Roof Top Exhaust Fans Beyond Useful Life Cycle								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2035	* *	1		
Galv Iron/Steel	90%			2023	$171,000	1		
Water Heater								
Gas Fired	100%			2020	$14,800	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - M

Asset # : 2634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Beyond It's Useful Life Cycle Rating								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Toilet Rooms Have Been Recently Upgraded								
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$1,800	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 116 - Q**
Address : **107-25 WREN PLACE BTWN: 175 ST., POLHEMAS AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q116**
Program / Asset # : **BOE0765.000 / 1568** | **Yr Built/Renovated** : **1925 / 2006**
Area Sq Ft : **77,000** | **Project Type** : **EDUCATION**
Date of Survey : **01-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **10250** **Lot** : **1** | **BIN** : **4218416**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$556,300	$132,400
Interior Architecture	$245,500	$570,700
Electrical	$121,700	$969,500
Mechanical	$55,300	$1,133,500
Total	**$978,800**	**$2,806,100**
Importance Code A	$556,300	$169,400
Importance Code B	$324,600	$2,636,700
Importance Code C	$97,900	
Total	**$978,800**	**$2,806,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$100,000			
Interior Architecture	$85,300		$11,100	$7,400
Electrical	$11,800	$900	$1,100	$1,900
Mechanical	$61,500	$11,000	$34,500	$11,000
Total	**$258,500**	**$11,900**	**$46,700**	**$20,300**
Importance Code A	$119,200	$7,800	$7,800	$7,800
Importance Code B	$115,600	$4,100	$35,200	$12,500
Importance Code C	$23,600		$3,700	
Total	**$258,500**	**$11,900**	**$46,700**	**$20,300**

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$69,000	
Masonry: Brick	50%	Now	$444,000	LIFE	* *	5	$73,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Facade								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Fourth And Fifth Floors On North Side, Foundation								
Masonry: Brick	40%			LIFE	* *	5	$117,700	
Masonry: Limestone	5%			LIFE	* *	5	$11,000	
Masonry: Marble	2%			LIFE	* *	5	$4,400	
Windows								
Aluminum	100%			2042	* *	5	$41,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$30,600	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$62,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,800	
Roof								
Built-Up (BUR)	77%			2031	* *	10	$31,700	
Built-Up (BUR)	20%	Now	$11,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof Facing North Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Lower Roof Facing North Facade								
Skylight, Metal/Glass	3%			2046	* *	10	$4,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,900	
Ceramic Tile	5%			2029	* *	5	$5,900	
Mosaic Tile	2%			2031	* *	5	$5,900	
Quarry Tile	5%			2039	* *	5	$8,900	
Terrazzo	3%			LIFE	* *	5	$5,600	
Vinyl Tile	50%			2026	$504,000	3	$29,600	
Wood	25%			2041	* *	5	$55,600	
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$7,400	
Gypsum Board	10%			LIFE	* *	5-10	$25,100	
Masonry: Brick	10%			LIFE	* *	10	$4,400	
Marble Panels	5%			LIFE	* *	10	$3,000	
Plaster	55%			LIFE	* *	5-10	$69,000	
Plaster	15%	Now	$53,300	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	5%	Now	$19,100	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Below Boiler Room Restroom								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Below Boiler Room Restroom								
Exposed Concrete	5%			LIFE	* *	5-10	$7,400	
Plaster	70%			LIFE	* *	5-10	$142,600	
Plaster	3%			LIFE	* *	5-10	$6,100	
Plaster	17%	Now	$52,900	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Music Room, Fourth And Fifth Floor Rooms Facing North Side								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	90%			2025	$121,100	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2026	$52,200	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$67,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$53,400	10	$9,600	
Exit, Service	50%			2021	$10,700	1		
Exterior Lighting								
HID	100%			2021	$290,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$8,600	
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$19,300	2031	* *	1	$70,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Bottom Of The Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$55,300	2036	* *	4	$3,900	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Traps And Thermostats, Various Locations								
Terminal Devices								
Air Handler	15%			2021	$64,100	1	$7,400	
Convector/Radiator	60%			2024	$448,900	1	$15,400	
Fan Coil Unit/Heat	25%			2021	$296,500	1	$6,400	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 116 - Q

Asset # : 1568

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$16,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,900	
Exhaust Fans								
Interior	100%	Now	$8,800	2021	$87,600	2	$1,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Explanation : No Exhaust And Ventilation For Kitchen								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$4,700	2024	$236,500	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Water Heater								
Gas Fired	100%			2024	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$18,500	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 117 - Q**		
Address	: **143 ST & 85 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q117**
Program / Asset #	: **BOE0766.000 / 1569**	**Yr Built/Renovated**	: **1928 / 2013**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9723** **Lot** : **150**	**BIN**	: **4208040**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$146,200	$47,800
Interior Architecture	$78,600	$230,900
Electrical	$542,900	$1,157,700
Mechanical	$155,600	$973,800
Total	**$923,300**	**$2,410,100**
Importance Code A	$146,200	$66,300
Importance Code B	$777,100	$2,343,900
Total	**$923,300**	**$2,410,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$900	$32,900	$17,000	$21,000
Electrical	$10,700	$2,100	$2,600	$57,100
Mechanical	$24,100	$16,600	$21,300	$89,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$39,600**	**$55,500**	**$44,800**	**$171,500**
Importance Code A	$8,000	$8,000	$8,000	$8,200
Importance Code B	$31,600	$47,400	$26,000	$163,300
Importance Code C			$10,800	
Total	**$39,600**	**$55,500**	**$44,800**	**$171,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$47,800	
Masonry: Brick Cavity	30%			LIFE	* *	5	$26,000	
Masonry: Granite	5%			LIFE	* *	5	$3,300	
Masonry: Limestone	8%			LIFE	* *	5	$5,200	
Masonry: Limestone	2%			LIFE	* *	5	$1,300	
Windows								
Aluminum	100%			2041	* *	5	$32,300	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$7,300	
Masonry: Brick Cavity	25%			LIFE	* *	5	$4,600	
Recent Replace Evident, Extent : Light, Area Affected : 100% Location : 1928 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Metal Rail	25%			2038	* *	5-10	$82,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	60%			2030	* *	10	$60,600	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : Throughout								
Roll Roofing	5%			2021	$20,800	5	$8,400	
Single Ply Membrane	35%			2030	* *	10	$35,300	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : Over 1992 Wing								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,200	
Ceramic Tile	5%			2034	* *	5	$7,100	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	45%			2030	* *	3	$24,100	
Vinyl Tile	15%			2025	$182,100	3	$8,000	
Vinyl Tile 9" X 9"	5%			2020	$78,600	3	$3,600	
Wood	15%			2040	* *	5	$40,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	15%			2034	* *	5	$21,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,900	
Gypsum Board	20%			LIFE	* *	5	$17,300	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$15,100	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2038	* *	5	$49,600	
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Plaster	55%			LIFE	* *	5	$48,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes. Main Service Switch Handle Broken								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$136,800	5	$300	
Molded Case Bkrs	20%			2045	* *	5	$500	
Raceway								
Conduit	75%			2025	$129,500	1		
Conduit	25%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Molded Case Bkrs	65%			2024	$116,600	5	$1,600	
Molded Case Bkrs	25%			2041	* *	5	$600	
Wiring								
Braided Cloth	75%	2-4	$191,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2045	* *	1		
Motor Controllers								
Locally Mounted	10%			2038	* *	5	$100	
Locally Mounted	90%			2023	$68,000	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Mwp, Point Of Contact Not Visible. Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	37%			2030	* *	10	$32,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : New Wing Basement								
Fluorescent	60%			2025	$635,800	10	$52,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2025	$15,200	10	$100	
Incandescent	1%			2020	$10,600	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$11,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$351,200	10	$300	
Alarm								
Security System								
No Component	50%							
Generic	50%			2030	* *	1	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	70%			2045	* *	5	$20,700	
Natural Gas	30%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2030	* *	1	$14,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 8 Units For New Wing And Cafeteria								
Steam Boiler	70%			2038	* *	1	$66,100	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement								
Explanation : 2 Units For Old Wing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	70%			2025	$466,300	4	$4,900	
No Component	30%							
Terminal Devices								
Air Handler	20%			2020	$102,900	1	$11,800	
Convector/Radiator	50%			2023	$450,600	1	$15,400	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2030	* *	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 8 Roof Units								
Window/Wall Unit	5%			2020	$9,800	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$37,200	
No Component	30%							
Exhaust Fans								
Interior	50%			2020	$52,700	2	$1,500	
Roof	20%			2030	* *	2	$600	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$1,100	2023	$57,000	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Water Main Does Not Hold								
Water Heater								
Gas Fired	100%			2020	$22,200	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 117 - Q

Asset # : 1569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$8,000	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$5,300	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 118 - Q**				
Address	: **190-20 109TH RD. BTWN: 191 ST., 190 PL.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q118**	
Program / Asset #	: **BOE0767.000 / 2531**		**Yr Built/Renovated**	: **1927 / 2010**	
Area Sq Ft	: **69,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Jan-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **10926**	**Lot** : **50**	**BIN**	: **4233850**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$367,300	$112,300
Interior Architecture	$147,100	$641,400
Electrical	$167,200	$1,316,100
Mechanical		$1,343,900
Total	**$681,600**	**$3,413,800**
Importance Code A	$367,300	$149,300
Importance Code B	$265,000	$3,264,400
Importance Code C	$49,300	
Total	**$681,600**	**$3,413,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100			
Interior Architecture	$57,700		$4,500	$8,600
Electrical	$11,200	$800	$1,000	$1,000
Mechanical	$42,600	$12,600	$15,700	$10,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$148,500**	**$17,300**	**$25,200**	**$23,500**
Importance Code A	$40,200	$7,000	$7,000	$7,000
Importance Code B	$103,900	$10,300	$16,600	$16,500
Importance Code C	$4,500		$1,600	
Total	**$148,500**	**$17,300**	**$25,200**	**$23,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$77,300	
Masonry: Brick	33%	Now	$64,100	LIFE	* *	5	$21,300	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Foundation, Boiler Room*								
Masonry: Granite	2%			LIFE	* *	5	$1,900	
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Windows								
Aluminum	100%	Now	$201,000	2042	* *	5	$12,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Unit Inoperable, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$74,400	
Masonry: Limestone	20%			LIFE	* *	5-10	$33,200	
Roof								
Built-Up (BUR)	70%			2031	* *	10	$52,400	
Built-Up (BUR)	25%			2034	* *	10	$18,700	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Over Rooms 301 To 309* *Explanation : Green Roof*								
Copper/Terne	5%			2061	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,300	
Ceramic Tile	3%			2029	* *	5	$3,200	
Terrazzo	5%			LIFE	* *	5	$8,300	
Traffic Topping	2%			2034	* *	5	$2,600	
Vinyl Tile	65%			2026	$585,500	3	$34,400	
Wood	15%			2041	* *	5	$29,800	
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$3,200	
Masonry: Brick	10%			LIFE	* *	10	$3,200	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Boiler Room*								
Marble Panels	3%			LIFE	* *	10	$1,300	
Plaster	84%			LIFE	* *	5-10	$76,200	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5-10	$19,700	
Plaster	85%			LIFE	* *	5-10	$153,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	70%			2042	* *	5	$1,300	
Molded Case Bkrs	20%			2025	$26,900	5	$400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$400	
Locally Mounted	20%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	70%			2021	$550,400	10	$45,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2031	* *	10	$600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	28%			2031	* *	10	$18,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2021	$5,700	10		
Egress Lighting								
Emergency, Battery	50%			2021	$47,700	10	$8,500	
Exit, LED	10%			2061	* *	1		
Exit, Service	40%			2021	$7,600	1		
Exterior Lighting								
HID	100%			2021	$260,600	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$62,600	1	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detector And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2026	$494,200	4	$5,200	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Various								
Explanation : Live Steam Returns. Steam Traps Replacement Has Been Scheduled.								
Terminal Devices								
Air Handler	20%	Now	$1,500	2026	$76,300	1	$7,900	
Damaged, Extent : Light, Area Affected : 2%								
Location : Damaged Flexible Connection, Basement								
Convector/Radiator	60%			2024	$401,100	1	$13,700	
Fan Coil Unit/Heat	20%			2021	$212,000	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 118 - Q

Asset # : 2531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%	0-2	$8,700	2021	$43,700	1		
Not in Service, Extent : Severe, Area Affected : 25%								
Location : Various								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	95%			2021	$74,300	2	$2,100	
Roof	5%			2021	$2,800	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$42,300	1		
Water Heater								
Gas Fired	100%			2024	$16,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Under Construction	100%							
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$24,800	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 119 - BK**				
Address	: **3829 AVENUE K BTWN: EAST 38 ST., EAST 39 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K119**	
Program / Asset #	: **BOE0428.000 / 1359**		**Yr Built/Renovated**	: **1904 / 2009**	
Area Sq Ft	: **52,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Dec-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **7786**	**Lot** : **1**	**BIN**	: **3215816**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$439,300	$152,700
Interior Architecture	$42,000	$198,800
Electrical		$477,500
Mechanical		$492,100
Total	**$481,300**	**$1,321,100**
Importance Code A	$439,300	$152,700
Importance Code B	$42,000	$1,168,400
Total	**$481,300**	**$1,321,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,000			
Interior Architecture	$95,400		$5,200	$8,800
Electrical	$1,500	$700	$600	$700
Mechanical	$25,700	$9,700	$23,900	$8,400
Total	**$147,700**	**$10,500**	**$29,600**	**$17,900**
Importance Code A	$30,400	$5,300	$5,300	$5,300
Importance Code B	$77,100	$5,200	$24,300	$12,600
Importance Code C	$40,200			
Total	**$147,700**	**$10,500**	**$29,600**	**$17,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$146,300	
Masonry: Brick	65%	Now	$91,800	LIFE	* *	5	$60,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$37,400	
Masonry: Limestone	5%			LIFE	* *	5	$7,000	
Windows								
Aluminum	100%	Now	$225,900	2042	* *	5	$13,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$56,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$33,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Asphalt Poured	5%	Now	$5,500	2046	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Ceramic Tile	3%			2029	* *	5	$2,400	
Mosaic Tile	2%			2031	* *	5	$4,000	
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	70%	Now	$23,800	2031	* *	3	$21,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	18%	Now	$15,900	2021	$158,700	3	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$2,800	2029	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Toilet(s) Over Windows								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,000	
Masonry: Brick	5%			LIFE	* *	10	$1,500	
Plaster	80%	Now	$32,000	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$8,000	
Exposed Concrete	10%			LIFE	* *	5-10	$10,000	
Plaster	80%	Now	$42,000	LIFE	* *	5	$40,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	30%			2026	$37,200	1		
Conduit	70%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Molded Case Bkrs	50%			2048	* *	5	$700	
Molded Case Bkrs	40%			2025	$41,900	5	$500	
Wiring								
Thermoplastic	20%			2036	* *	1		
Thermoplastic	80%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$49,100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$6,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$196,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$31,500	1	$3,900	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$107,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$16,600	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$53,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$2,600	
Terminal Devices								
Air Handler	10%			2026	$28,800	1	$3,300	
Convector/Radiator	80%			2024	$404,200	1	$13,800	
Unit Heater-Stm/HW	10%			2021	$34,500	4	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	15%			2031	* *	2	$500	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	80%			2024	$88,000	1		
No Component	5%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BK

Asset # : 1359

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	15%			2026	$8,900	2	$200	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	$12,400	2	$800	
HW Heat Exchanger								
Low Temp	100%			2026	$16,600	4	$7,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 119 - BX**				
Address	: **1075 PUGSLEY AVENUE @BLACKROCK AVENUE**				
Borough	: **BRONX**		**Agency's Number**	: **X119**	
Program / Asset #	: **BOE0259.000 / 418**		**Yr Built/Renovated**	: **1939 / 1992**	
Area Sq Ft	: **54,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **28-Jan-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3789**	**Lot** : **21**	**BIN**	: **2025696**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$213,500	$208,900
Interior Architecture	$279,800	$352,500
Electrical	$317,500	$1,061,500
Mechanical		$262,400
Total	**$810,700**	**$1,885,300**
Importance Code A	$213,500	$208,900
Importance Code B	$597,200	$1,676,400
Total	**$810,700**	**$1,885,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,500			
Interior Architecture	$38,700			$7,800
Electrical	$16,500	$2,200	$28,900	$1,800
Mechanical	$66,500	$9,000	$38,500	$12,200
Total	**$154,200**	**$11,200**	**$67,400**	**$21,700**
Importance Code A	$45,900	$5,500	$5,600	$5,500
Importance Code B	$96,700	$5,700	$61,800	$16,300
Importance Code C	$11,500			
Total	**$154,200**	**$11,200**	**$67,400**	**$21,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	$15,100	
Masonry: Brick	60%	Now	$45,600	LIFE	* *	5	$30,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%	0-2	$14,900	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$800	
Masonry: Limestone	3%	0-2	$8,300	LIFE	* *	5	$1,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	35%	Now	$27,500	2040	* *	5	$3,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : 1992 Addition								
Aluminum	65%	0-2	$102,200	2040	* *	5	$6,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	$27,500	
Masonry: Brick	10%			LIFE	* *	5	$1,100	
Masonry: Brick	10%			LIFE	* *	5	$1,100	
Masonry: Brick	45%			LIFE	* *	5	$4,800	
Masonry: Limestone	5%	0-2	$1,100	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	65%			2029	* *	10	$38,100	
IRMA/Protected Membrane	35%	0-2	$8,200	2024	$163,500			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,100	
Ceramic Tile	5%			2027	* *	5	$4,100	
Quarry Tile	5%			2037	* *	5	$6,200	
Vinyl Tile	50%	0-2	$35,200	2024	$352,500	3	$15,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	0-2	$8,800	2019	$176,200	3	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	10%	4+	$13,700	2039	* *	5	$7,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$11,500	2027	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : First Floor Toilet(s)								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Plaster	70%			LIFE	* *	5	$17,500	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	0-2	$8,300	2037	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$1,900	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	55%	0-2	$59,500	LIFE	* *	5	$28,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	25%			2023	$26,200	5	$300	
Fused Toggle Switch	5%	2-4	$5,200	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	55%			2023	$57,600	5	$800	
Molded Case Bkrs	15%			2040	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$22,700	5	$200	
Locally Mounted	50%			2029	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2024	$590,700	10	$48,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2019	$8,800	10		
Incandescent	2%			2019	$12,300	2		
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$5,300	
Exit, Service	60%			2029	* *	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$49,000	1	$6,100	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$195,800	1-3	$11,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 15,000 Gallons								
Conversion Equipment								
Steam Boiler	100%	Now	$13,500	2029	* *	1	$49,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One Boiler Needs Retubing								
Distribution								
Steam Piping/Pump	100%	Now	$19,300	2034	* *	4	$2,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump, Boiler Make Up Tank Pump								
Terminal Devices								
Air Handler	20%			2024	$59,700	1	$6,900	
Convector/Radiator	60%			2029	* *	1	$10,700	
Fan Coil Unit/Heat	20%	Now	$8,300	2024	$165,900	1	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$17,100	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%	Now	$16,700	LIFE	* *	2-5	$21,600	
Inadequate Supply, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
No Component	30%							
Exhaust Fans								
Interior	60%	Now	$1,800	2024	$36,700	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Bathroom Fans								
Roof	10%			2024	$4,400	2	$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$12,900	2	$800	
HW Heat Exchanger								
Low Temp	100%			2024	$17,200	4	$5,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 119 - BX

Asset # : 418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$1,100	2024	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$800	
Chemical System								
Dry	10%	Now	$500	2017	$2,600	1-3	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Obsolete								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 12 - BK**		
Address	: **1696 PROSPECT PLACE @ HOWARD AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K012**
Program / Asset #	: **BOE0977.000 / 4140**	**Yr Built/Renovated**	: **1993 /**
Area Sq Ft	: **99,286**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1457** **Lot** : **32**	**BIN**	: **3039174**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$133,500	$98,900
Interior Architecture	$58,600	$219,000
Electrical		$2,573,400
Total	**$192,100**	**$2,891,200**
Importance Code A	$133,500	$98,900
Importance Code B	$58,600	$2,792,300
Total	**$192,100**	**$2,891,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,400		$8,000	$8,400
Interior Architecture	$80,200		$19,700	$3,100
Electrical	$20,500	$8,000	$15,400	$8,000
Mechanical	$89,900	$27,000	$37,700	$19,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$251,000**	**$38,900**	**$84,900**	**$42,400**
Importance Code A	$61,300	$4,900	$12,900	$13,300
Importance Code B	$165,100	$34,000	$71,900	$28,700
Importance Code C	$24,500			$400
Total	**$251,000**	**$38,900**	**$84,900**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$24,300	LIFE	* *	5	$10,800	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Sub Grade Boiler Room And Oil Tank Room								
Masonry: Brick Cavity	80%			LIFE	* *	5	$114,900	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Expansion Joint At Auditorium								
Metal, Corrugated	5%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Top								
Explanation : Mechanical Enclosures								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$13,500	
Metal Panel	7%			2046	* *	5-10	$34,600	
Windows								
Aluminum	97%			2042	* *	5	$21,200	
Metal Louvers	3%			2035	* *	10	$4,100	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5-10	$7,000	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$10,000	
Metal Rail	20%			2039	* *	5-10	$13,200	
Pre-Cast Concrete	5%	Now	$700	LIFE	* *	5	$1,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
IRMA/Protected Membrane	95%	Now	$76,100	2031	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Debris Present, Extent : Moderate, Area Affected : 25%								
Location : Roof Top								
Drains Clogged, Extent : Moderate, Area Affected : 50%								
Location : Throughout - Vegetative Growth								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Walls And Roof Drains								
Roll Roofing	5%			2025	$41,400	5	$16,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Electrical Room								
Vinyl Tile	70%			2031	* *	3	$28,100	
Vinyl Tile	20%			2026	$182,100	3	$10,700	
Wood	5%			2054	* *	5	$10,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$1,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Sub Grade Boiler Room And Oil Tank Room								
Ceramic Tile	3%			2035	* *	5	$800	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Gypsum Board	60%			LIFE	* *	5-10	$28,500	
SGFT/Glazed Masonry	27%			LIFE	* *	10	$3,800	
Ceilings								
AcousTileConcealSpLn	55%	0-2	$23,800	2039	* *	5	$36,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 415								
AcousTileSusp.Lay-In	10%			2039	* *	5	$10,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	25%			LIFE	* *	5-10	$92,000	
Metal Panel	5%			LIFE	* *	5	$13,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	90%			2034	* *	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$30,600	
Generators								
Diesel	100%			2029	* *	1	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 250 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$22,100	
Fuel Storage								
Day Tank	50%			2034	* *	5	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Rated Capacity								
Main Tank	50%			2041	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2026	$992,600	10	$82,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	6%			2026	$66,200	10	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Library And Storage Room								
Explanation : T-8 Lamps								
Fluorescent	2%			2026	$22,100	10	$1,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2026	$15,900	10	$100	
Egress Lighting								
Emergency, Service	50%			2026	$24,400	1		
Exit, Service	50%			2026	$13,400	1		
Exterior Lighting								
HID	100%			2026	$375,000	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2026	$1,028,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 10,000 Gallon Tanks								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$49,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$7,300	
Terminal Devices								
Air Handler	50%	Now	$5,400	2031	* *	1	$27,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : The Sensor Of Unit For The Gymnasium								
Convector/Radiator	50%	Now	$23,400	2039	* *	1	$14,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Various								
Explanation : Defective Controlers								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	70%			2031	* *	1	$32,200	
R-22 Refrigerant, Extent : Light, Area Affected : 70%								
Location : Roof								
No Component	30%							
Terminal Devices								
Direct Expansion	70%			2031	* *	1		
No Component	30%							
Heat Rejection								
Air Condenser Unit	70%			2031	* *	2	$48,400	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$87,700	
Exhaust Fans								
Interior	90%			2031	* *	2	$2,700	
Roof	10%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$23,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%	Now	$4,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 1st Fl. Rear Reception Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2036	* *	1-5	$30,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BK

Asset # : 4140

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$5,600	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 12 - BX**
Address : **1450 OVERING STREET @ E.169 ST.**
Borough : **BRONX**
Agency's Number : **X012**
Program / Asset # : **BOE0164.000 / 505**
Yr Built/Renovated : **1928 / 2004**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **03-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3983** **Lot** : **1**
BIN : **2041864**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$351,500	$46,600
Interior Architecture	$321,800	
Electrical	$100,900	$1,727,400
Mechanical	$89,100	$219,700
Total	**$863,300**	**$1,993,600**
Importance Code A	$351,500	$80,700
Importance Code B	$511,800	$1,912,900
Total	**$863,300**	**$1,993,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,000		$2,900	$3,600
Interior Architecture	$25,900		$17,900	$6,800
Electrical	$11,900	$3,000	$36,900	$2,000
Mechanical	$22,000	$12,000	$29,800	$12,800
Total	**$108,800**	**$15,100**	**$87,500**	**$25,100**
Importance Code A	$56,100	$7,200	$10,200	$10,700
Importance Code B	$52,600	$7,900	$77,300	$14,400
Importance Code C				
Total	**$108,800**	**$15,100**	**$87,500**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$26,000	
Glazed Ceramic Panel	5%	Now	$10,900	LIFE	* *	5	$15,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : 1965 Wing								
Masonry: Brick	40%			LIFE	* *	5	$26,600	
Masonry: Brick	30%			LIFE	* *	5	$20,000	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1965 Addition								
Stucco Cement	20%			2037	* *	5	$33,300	
Windows								
Aluminum	50%			2040	* *	5	$7,200	
Aluminum	50%	Now	$300,300	2049	* *	5	$3,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : 1965 Wing								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 25%								
Location : 1965 Wing								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$4,700	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Rail	25%			2037	* *	5-10	$35,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	98%	Now	$51,200	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Copper/Terne	2%			2039	* *	10	$2,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,800	
Ceramic Tile	3%			2027	* *	5	$3,200	
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	50%			2029	* *	3	$27,000	
Vinyl Tile	35%			2019	$321,800	3	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1965 Wing								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	7%			LIFE	* *	5	$2,700	
Glazed Ceramic Panel	3%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$2,900	
Plaster	30%			LIFE	* *	5	$8,600	
Plaster	30%			LIFE	* *	5	$8,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$16,200	
AcousTileConcealSpLn	10%			2037	* *	5	$13,500	
AcousTileSusp.Lay-In	20%			2037	* *	5	$21,600	
Exposed Concrete	20%			LIFE	* *	5	$3,400	
Plaster	35%			LIFE	* *	5	$23,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$34,100	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Fused Disc Sw	50%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$73,300	5	$200	
Fused Disc Sw	50%			2034	* *	5	$200	
Raceway								
Conduit	70%			2024	$86,700	1		
Conduit	30%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$200	
Molded Case Bkrs	15%			2032	* *	5	$300	
Molded Case Bkrs	75%			2023	$100,900	5	$1,400	
Wiring								
Braided Cloth	30%	2-4	$52,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2034	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	* *	5	$100	
Locally Mounted	70%			2022	$52,900	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2024	$754,400	10	$62,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2024	$16,100	10	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Light Fixtures								
HID	2%			2024	$11,500	10		
Incandescent	2%			2019	$16,100	2		
Egress Lighting								
Emergency, Battery	50%			2019	$48,700	10	$8,700	
Exit, Service	50%			2019	$9,700	1		
Exterior Lighting								
HID	100%			2024	$264,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$63,500	1	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$217,500	1-3	$12,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$71,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 12 - BX

Asset # : 505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$10,100	2044	* *	4	$3,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Chemical Feed Unit								
Terminal Devices								
Air Handler	40%			2024	$155,800	1	$17,900	
Convector/Radiator	60%			2029	* *	1	$14,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$89,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,300	
Exhaust Fans								
Interior	80%			2024	$63,900	2	$1,800	
Roof	20%			2019	$11,500	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$16,800	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers / No Access To Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 120 - BK**				
Address	: **18 BEAVER STREET @ FLUSHING AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K120**	
Program / Asset #	: **BOE0429.000 / 1360**		**Yr Built/Renovated**	: **1965 / 2010**	
Area Sq Ft	: **97,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **08-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3137**	**Lot** : **26**	**BIN**	: **3071806**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$156,300	$827,000
Interior Architecture	$1,287,500	
Electrical	$659,800	$641,800
Mechanical		$272,600
Total	**$2,103,600**	**$1,741,400**
Importance Code A	$156,300	$864,000
Importance Code B	$1,947,300	$877,400
Total	**$2,103,600**	**$1,741,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,500	$9,100		
Interior Architecture	$66,200	$14,000	$4,200	$14,000
Electrical	$700	$1,100	$1,800	$25,500
Mechanical	$24,500	$19,300	$25,400	$22,900
Total	**$116,000**	**$43,500**	**$31,400**	**$62,500**
Importance Code A	$34,400	$19,000	$9,900	$10,100
Importance Code B	$49,600	$24,500	$19,500	$52,300
Importance Code C	$31,900		$2,000	
Total	**$116,000**	**$43,500**	**$31,400**	**$62,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	4+	$118,800	LIFE	* *	5	$78,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	5%	4+	$24,500	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$18,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,500	
Masonry: Brick	90%			LIFE	* *	5	$12,200	
Roof								
IRMA/Protected Membrane	95%	Now	$37,400	2025	$748,200			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$9,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,800	
Ceramic Tile	3%			2034	* *	5	$4,500	
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile	15%	2-4	$9,600	2030	* *	3	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%	4+	$297,100	2020	$990,400	3	$33,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	10%			2053	* *	5	$28,100	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$4,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,300	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	60%	Now	$31,900	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	2-4	$18,200	2030	* *	5	$28,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Embossed Metal	5%	2-4	$6,600	LIFE	* *	5	$3,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	45%			LIFE	* *	5	$10,500	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$14,000	

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$153,900	5	$400	
Fused Disc Sw	10%			2045	* *	5		
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	15%			2024	$26,900	5	$300	
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	70%			2024	$125,600	5	$1,800	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2030	* *	10	$84,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Basement								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2030	* *	10	$4,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using T-8 Lamps								
HID	3%			2020	$24,000	10	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$67,500	10	$12,100	
Exit, Service	50%			2025	$13,500	1		
Exterior Lighting								
HID	100%			2020	$366,300	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$7,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$99,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$7,400	
Terminal Devices								
Air Handler	20%			2025	$108,000	1	$12,400	
Convector/Radiator	70%			2038	* *	1	$22,600	
Fan Coil Unit/Heat	10%			2030	* *	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2023	$164,600	1		
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - BK

Asset # : 1360

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,800	
Exhaust Fans								
Interior	20%			2030	* *	2	$600	
Roof	80%			2030	* *	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2035	* *	1		
Galv Iron/Steel	25%			2030	* *	1		
Water Heater								
Gas Fired	100%			2024	$23,300	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$600	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Boiler Room							
	Explanation : For Boiler Only							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$800	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 120 - Q**		
Address	: **58 AVE & 136 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q120**
Program / Asset #	: **BOE0768.000 / 1556**	**Yr Built/Renovated**	: **1932 / 2008**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **6373** **Lot** : **1**	**BIN**	: **4139491**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$141,800	$65,100
Interior Architecture	$947,000	$48,800
Electrical	$51,100	$1,034,400
Mechanical	$480,500	$180,400
Total	**$1,620,400**	**$1,328,700**
Importance Code A	$141,800	$65,100
Importance Code B	$1,478,600	$1,263,600
Total	**$1,620,400**	**$1,328,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$27,300	$16,200
Interior Architecture	$72,700	$1,400		$12,500
Electrical	$3,000	$4,100	$8,300	$3,100
Mechanical	$21,200	$17,400	$37,500	$15,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$100,800**	**$26,900**	**$77,000**	**$51,400**
Importance Code A	$8,400	$8,000	$35,500	$24,200
Importance Code B	$83,800	$18,900	$41,500	$27,200
Importance Code C	$8,600			
Total	**$100,800**	**$26,900**	**$77,000**	**$51,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$20,300	
Masonry: Brick	30%			LIFE	* *	5	$26,000	
Masonry: Brick	45%			LIFE	* *	5	$39,100	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$3,300	
Masonry: Limestone	15%	0-2	$71,200	LIFE	* *	5	$9,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$32,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$16,500	
Masonry: Limestone	10%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	70%			2029	* *	10	$70,600	
Copper/Terne	3%			2052	* *	10	$7,600	
Modified Bitumen	27%			2029	* *	10	$27,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,600	
Ceramic Tile	3%			2027	* *	5	$4,300	
Ceramic Tile	2%			2033	* *	5	$2,900	
Quarry Tile	5%			2037	* *	5	$10,700	
Terrazzo	5%	0-2	$16,600	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2029	* *	3	$7,100	
Vinyl Tile	60%	Now	$218,500	2019	$728,500	3	$32,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1932 Wing								
Explanation : 9x9 Units								
Wood	10%			2052	* *	5	$26,800	
Interior Walls								
Ceramic Tile	10%			2027	* *	5	$14,400	
Ceramic Tile	2%			2037	* *	5	$2,900	
Gypsum Board	20%			LIFE	* *	5	$17,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$23,700	
Ceilings								
AcousTile,Adhered	10%			2037	* *	5	$14,200	
AcousTileSusp.Lay-In	25%			2037	* *	5	$35,500	
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Plaster	55%			LIFE	* *	5	$48,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$119,700	5	$300	
Molded Case Bkrs	30%			2044	* *	5	$700	
Raceway								
Conduit	70%			2024	$120,800	1		
Conduit	30%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	60%			2023	$107,600	5	$1,500	
Molded Case Bkrs	30%			2040	* *	5	$700	
Wiring								
Braided Cloth	20%	2-4	$51,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Thermoplastic	50%			2024	$127,800	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$37,800	5	$300	
Locally Mounted	50%			2037	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$87,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps And Cfl Lamps								
Egress Lighting								
Emergency, Battery	20%			2029	* *	10	$4,600	
Emergency, Battery	20%			2024	$25,700	10	$4,600	
Exit, Service	30%			2029	* *	1		
Exit, Service	30%			2024	$7,700	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$70,300	1	$8,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$337,100	1-3	$20,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2044	* *	1		
Interruptible Gas/Dual Fuel	70%			2044	* *	1		
Conversion Equipment								
Furnace	30%	Now	$1,700	2029	* *	1	$12,700	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Control System								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof Mounted Units								
Explanation : 6 Package Units								
Steam Boiler	70%			2037	* *	1	$66,100	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%			2034	* *	4	$4,900	
No Component	30%							
Terminal Devices								
Air Handler	20%			2019	$102,900	1	$11,800	
Convector/Radiator	60%			2029	* *	1	$18,500	
Fan Coil Unit/Heat	20%			2019	$285,700	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2029	* *	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : 6 Package Units								
Window/Wall Unit	20%	Now	$3,900	2019	$39,200	1		
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 120 - Q

Asset # : 1556

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,200	
Exhaust Fans								
Interior	50%			2019	$52,700	2	$1,500	
Roof	50%			2024	$37,900	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2034	* *	1		
Galv Iron/Steel	50%			2022	$142,500	1		
Water Heater								
Gas Fired	100%			2022	$22,200	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$9,000	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-3							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$48,100	
Sprinkler								
No Component	70%							
Generic	30%			2034	* *	1-2	$8,000	
Chemical System								
No Component	98%							
Generic	2%			2019	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 121 - BK**		
Address	: **5301 20 AVENUE @53 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K121**
Program / Asset #	: **BOE0430.000 / 1361**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **48,112**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5495** **Lot** : **1101**	**BIN**	: **3253281**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$64,400	$281,800
Interior Architecture	$352,600	$36,700
Electrical	$73,100	$569,500
Mechanical	$71,000	$247,400
Total	**$561,000**	**$1,135,400**
Importance Code A	$64,400	$281,800
Importance Code B	$496,700	$853,600
Total	**$561,000**	**$1,135,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,200			$8,400
Interior Architecture	$167,600		$1,700	$4,600
Electrical	$1,500	$2,200	$1,600	$1,300
Mechanical	$7,800	$8,400	$22,300	$7,100
Total	**$201,100**	**$10,600**	**$25,500**	**$21,500**
Importance Code A	$29,100	$4,900	$5,000	$13,200
Importance Code B	$88,100	$5,700	$20,500	$8,200
Importance Code C	$83,800			
Total	**$201,100**	**$10,600**	**$25,500**	**$21,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$64,400	LIFE	* *	5	$42,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$12,300	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$16,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,000	
Masonry: Limestone	5%			LIFE	* *	5	$600	
Roof								
Built-Up (BUR)	100%	Now	$12,000	2024	$239,100			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$3,800	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	Now	$8,600	2027	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	2%			2039	* *	5	$1,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	40%	Now	$25,100	2019	$251,200	3	$11,100	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	10%	Now	$6,300	2019	$62,800	3	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	10%			2034	* *	3	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	25%	Now	$30,500	2039	* *	5	$17,300	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$23,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast Stone/Terra Cotta	5%	2-4	$6,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement								
Ceramic Tile	3%	Now	$12,300	2027	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$2,800	
Masonry: Brick	25%			LIFE	* *			
Marble Panels	2%	Now	$11,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Plaster	50%	Now	$29,800	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%	Now	$9,400	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$38,500	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$122,200	5	$200	
Raceway								
Conduit	100%			2024	$69,400	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	90%			2023	$94,200	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$73,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2024	$18,300	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$45,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2032	* *	1		
Exit, Battery	50%			2032	* *	10	$1,700	
Exterior Lighting								
HID	100%			2032	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$43,700	1	$5,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$149,500	1-3	$8,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$48,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BK

Asset # : 1361

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2024	$53,200	1	$6,100	
Convector/Radiator	60%			2029	* *	1	$9,600	
Fan Coil Unit/Heat	20%			2024	$147,800	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$71,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,500	
Exhaust Fans								
Interior	85%			2024	$46,400	2	$1,300	
Roof	15%			2024	$5,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$29,500	1		
Water Heater								
Gas Fired	100%			2019	$11,500	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	96%							
Generic	4%			2024	$23,100	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 121 - BX**		
Address	: **2750 THROOP AVENUE @ ARNOW AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X121**
Program / Asset #	: **BOE0261.000 / 2687**	**Yr Built/Renovated**	: **1953 / 2011**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4526** **Lot** : **1**	**BIN**	: **2054253**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,900	$78,100
Interior Architecture	$907,200	
Electrical	$230,000	$1,859,900
Mechanical	$523,300	$208,300
Total	**$1,704,400**	**$2,146,300**
Importance Code A	$508,300	$96,600
Importance Code B	$1,196,000	$2,049,700
Total	**$1,704,400**	**$2,146,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,400		$8,100	
Interior Architecture		$3,600	$43,600	
Electrical	$35,200	$7,200	$47,000	$8,100
Mechanical	$62,100	$14,000	$28,000	$20,400
Total	**$126,700**	**$24,800**	**$126,800**	**$28,500**
Importance Code A	$29,400	$9,400	$17,800	$9,400
Importance Code B	$97,300	$15,300	$109,000	$19,000
Importance Code C				
Total	**$126,700**	**$24,800**	**$126,800**	**$28,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$78,100	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Metal Panel	5%			2034	* *	5-10	$29,800	
Windows								
Aluminum	95%			2046	* *	5	$30,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$15,600	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Rail	10%			2037	* *	5-10	$33,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	95%	Now	$43,900	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Metal Panel	5%			2037	* *	10	$9,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Fan Room								
Ceramic Tile	5%			2033	* *	5	$7,100	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	70%			2019	$849,900	3	$37,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	10%			2039	* *	5	$26,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,800	
Plaster	65%			LIFE	* *	5	$28,000	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2029	* *	5	$35,500	
AcousTileConcealSpLn	5%	0-2	$57,400	2044	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Concrete	65%			LIFE	* *	5	$14,400	
Plaster	10%			LIFE	* *	5	$8,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 209								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	0-2	$17,900	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	75%			2023	$134,500	5	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$953,700	10	$78,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2032	* *	10	$4,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Fluorescent	2%			2024	$21,200	10	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2019	$7,600	10		
Incandescent	2%			2019	$21,200	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$84,400	1	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
Generic	100%			2032	* *	1-3	$59,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Alarm Bells And Manual Pull Station								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$4,700	2034	* *	5	$14,800	
Broken, Extent : Severe, Area Affected : 20%								
Location : Petrometer								
Conversion Equipment								
Steam Boiler	100%	0-2	$464,400	2044	* *	1	$85,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,300	2034	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Basement, Make Up Tank Pump #2								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$5,100	2024	$102,900	1	$10,600	
Broken, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Controls, Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil In Unit # G								
Convector/Radiator	80%			2029	* *	1	$24,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$58,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,200	
Exhaust Fans								
Interior	100%	Now	$5,300	2024	$105,500	2	$2,300	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Exhaust Hoods								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Belt Mis - Alignment								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Unit E, Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - BX

Asset # : 2687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2024	$29,600	4	$9,400	
Sanitary Piping								
Cast Iron	100%	Now	$10,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms 1st, 2nd, And 5th Floors								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 121 - Q**		
Address	: **126-10 109 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q121**
Program / Asset #	: **BOE0770.000 / 1558**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **11607** **Lot** : **1**	**BIN**	: **4249769**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$39,200	$189,900
Interior Architecture	$100,800	$555,700
Electrical	$1,261,500	$354,800
Mechanical	$121,500	$1,270,100
Total	**$1,523,000**	**$2,370,500**
Importance Code A	$39,200	$208,400
Importance Code B	$1,483,800	$2,126,700
Importance Code C		$35,400
Total	**$1,523,000**	**$2,370,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,800		
Interior Architecture		$5,900	$9,600	$12,600
Electrical		$100	$800	$48,600
Mechanical	$13,600	$29,000	$17,400	$18,200
Total	**$13,600**	**$38,800**	**$27,900**	**$79,400**
Importance Code A	$7,800	$11,600	$7,800	$8,000
Importance Code B	$5,700	$27,100	$20,000	$71,400
Total	**$13,600**	**$38,800**	**$27,900**	**$79,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$57,500	
Masonry: Brick	90%			LIFE	* *	5	$132,400	
Masonry: Limestone	5%			LIFE	* *	5	$5,500	
Windows								
Aluminum	100%			2041	* *	5	$41,600	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$9,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,800	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$39,200	
Repairs in Progress, Extent : Light, Area Affected : 25% Location : At Flashing								
Metal Panel	5%			2038	* *	10	$3,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,900	
Ceramic Tile	5%			2034	* *	5	$5,900	
Quarry Tile	5%			2038	* *	5	$8,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	45%			2025	$453,600	3	$20,000	
Vinyl Tile	10%	Now	$100,800	2035	* *	3	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : 9x9 Tiles Throughout								
Vinyl Tile	10%			2030	* *	3	$4,400	
Wood	10%			2040	* *	5	$22,200	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$35,400	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Plaster	85%			LIFE	* *	5	$63,000	
Plaster	5%			LIFE	* *	5	$3,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$102,600	5	$200	
Fused Disc Sw	30%			2055	* *	5	$100	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5	$100	
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	10%			2050	* *	5	$200	
Molded Case Bkrs	75%			2024	$100,900	5	$1,500	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$15,100	5	$100	
Locally Mounted	80%	2-4	$60,400	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	78%			2020	$686,200	10	$56,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	15%			2030	* *	10	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : T C U Room								
Explanation : Using T-8 Lamps								
HID	5%			2030	* *	10	$100	
Incandescent	2%			2020	$17,600	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2020	$19,500	1		
Exit, Service	50%			2020	$10,700	1		
Exterior Lighting								
HID	100%			2020	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$78,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$553,000	4	$5,900	
Terminal Devices								
Air Handler	10%	Now	$900	2020	$42,700	1	$4,400	
Broken, Extent : Moderate, Area Affected : 3%								
Location : Flexible Connection, Basement								
Convector/Radiator	80%			2023	$598,500	1	$20,500	
Fan Coil Unit/Heat	10%			2025	$118,600	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$16,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,200	
Exhaust Fans								
Interior	90%			2020	$78,800	2	$2,200	
Roof	10%			2020	$6,300	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 121 - Q

Asset # : 1558

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$7,500	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 122 - Q**				
Address	: **21-21 DITMARS BLVD.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q122**
Program / Asset #	: **BOE0771.000 / 2532**			**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **109,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Jan-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **880**	**Lot** : **1**		**BIN**	: **4019633**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$294,600
Interior Architecture	$988,100	$592,300
Electrical	$1,270,700	$566,200
Mechanical	$873,600	$529,500
Total	**$3,132,400**	**$1,982,700**
Importance Code A		$315,700
Importance Code B	$3,132,400	$1,616,900
Importance Code C		$50,100
Total	**$3,132,400**	**$1,982,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,700			
Interior Architecture		$2,100	$9,400	$20,300
Electrical	$1,200	$1,600	$2,500	$23,800
Mechanical	$53,300	$50,400	$28,200	$27,900
Total	**$63,200**	**$54,100**	**$40,100**	**$72,000**
Importance Code A	$19,800	$11,100	$11,100	$11,300
Importance Code B	$43,400	$43,000	$23,800	$60,700
Importance Code C			$5,200	
Total	**$63,200**	**$54,100**	**$40,100**	**$72,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$48,800	
Masonry: Brick	90%			LIFE	* *	5	$187,500	
Masonry: Granite	5%			LIFE	* *	5	$7,800	
Masonry: Marble	2%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%			2041	* *	5	$58,900	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$2,400	
Masonry: Brick Cavity	80%			LIFE	* *	5	$12,200	
Metal Rail	8%			2042	* *	5-10	$22,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$58,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$8,400	
Marble Panels	3%			LIFE	* *	5	$3,800	
Traffic Topping	20%	0-2	$83,300	2025	$416,300	5	$21,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Vinyl Tile	10%			2030	* *	3	$6,300	
Vinyl Tile 9" X 9"	22%	Now	$406,700	2035	* *	3	$13,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	30%	Now	$498,100	2040	* *	5	$47,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Classroom(s), Cafeteria								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Classroom(s)								
Uneven Surface, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Wood	10%			2060	* *	5	$31,500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$10,400	
Masonry: Brick	12%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$50,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$6,600	
Plaster	75%			LIFE	* *	5	$78,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$156,400	5	$400	
Fused Disc Sw	20%			2045	* *	5	$100	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	80%			2024	$143,500	5	$2,300	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$400	
Locally Mounted	50%			2023	$57,600	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$97,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	5%			2020	$44,700	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	15%			2033	* *	10	$4,100	
Emergency, Battery	35%			2020	$52,900	10	$9,500	
Exit, Service	10%			2033	* *	1		
Exit, Service	40%			2020	$12,100	1		
Exterior Lighting								
HID	100%			2020	$411,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,200	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$395,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$39,100	2035	* *	4	$5,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$120,900	1	$13,900	
Convector/Radiator	50%			2023	$529,500	1	$18,100	
Fan Coil Unit/Heat	30%			2020	$503,600	1	$10,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$9,200	2020	$92,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 122 - Q

Asset # : 2532

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2020	$117,700	2	$3,300	
Roof	5%			2020	$4,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	20%			2020	$3,500	4	$100	
Gas Fired	80%	Now	$20,900	2025	$20,900	2	$1,000	
Damaged, Extent : Severe, Area Affected : 80%								
Location : Basement								
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Needs Forced Draft Fan For Cold Weather								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 175 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,100	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up At 1st Floor When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2045	* *	1-2	$900	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 123 - BK**		
Address	: **100 IRVING AVENUE @ SUYDAM ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K123**
Program / Asset #	: **BOE0431.000 / 1362**	**Yr Built/Renovated**	: **1901 / 2009**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3203** **Lot** : **1**	**BIN**	: **3251867**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,042,300	$252,500
Interior Architecture	$1,399,900	$180,500
Electrical	$49,100	$607,500
Mechanical	$84,100	$879,100
Total	**$3,575,400**	**$1,919,700**
Importance Code A	$2,042,300	$289,500
Importance Code B	$1,051,100	$1,594,000
Importance Code C	$482,000	$36,100
Total	**$3,575,400**	**$1,919,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$82,300	$23,700		
Interior Architecture	$68,700	$5,000		$9,900
Electrical	$1,000	$300	$100	$400
Mechanical	$52,700	$15,700	$23,400	$20,100
Total	**$204,700**	**$44,700**	**$23,500**	**$30,400**
Importance Code A	$91,000	$32,500	$8,800	$8,900
Importance Code B	$112,900	$12,200	$14,800	$21,500
Importance Code C	$700			
Total	**$204,700**	**$44,700**	**$23,500**	**$30,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$504,100	LIFE	* *	5	$120,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	Now	$1,191,100	LIFE	* *	5	$131,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$253,700	LIFE	* *	5	$5,800	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$93,400	2041	* *	5	$22,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Metal Rail	15%			2038	* *	5-10	$39,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,800	
No Component	83%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Sloped Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Macadam	15%	Now	$14,200	2025	$28,300	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : School Yard								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Old Coal Bunker And Boiler Room								
Asphalt Shingle	70%	Now	$26,600	2028	* *			1
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Panel	5%	4+	$9,300	2038	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Painted Surface								
Modified Bitumen	10%	Now	$32,200	2035	* *			1
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$27,500	LIFE	* *	5	$29,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	0-2	$6,400	2034	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$9,900	
Traffic Topping	20%	Now	$328,500	2035	* *	5	$16,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Corridors, Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Corridor(s) Throughout								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Corridor(s) Throughout								
Vinyl Tile	40%	Now	$450,300	2035	* *	3	$19,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Gym								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : 9x9 Tile								
Vinyl Tile	20%	0-2	$11,300	2030	* *	3	$9,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,600	
Gypsum Board	2%	Now	$700	LIFE	* *	5	$2,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Masonry: Brick	10%	Now	$128,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Throughout Basement, Basement Classrooms								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Column Near Old Ash Hoist In Basement And Stairs # 2 And 4								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Classroom								
Explanation : Loose Units								
Plaster	73%	Now	$289,700	LIFE	* *	5	$36,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Room 401								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	5%	0-2	$63,800	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	$127,800	LIFE	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Old Coal Bunker And Ceiling Below Stair In Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Old Coal Bunker And Boiler Room								
Fiber Board	10%			2025	$86,500			
Masonry:Vault Struct	10%	Now	$9,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Attic								
Plaster	70%	Now	$24,300	LIFE	* *	5	$57,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Music Room And Adjacent Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	100%			2025	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	90%			2047	* *	5	$2,000	
Wiring								
Thermoplastic	70%			2051	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2025	$76,700	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	92%			2033	* *	10	$74,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	3%			2033	* *	10	$100	
Incandescent	5%			2020	$49,100	2	$100	
Egress Lighting								
Emergency, Service	25%			2025	$10,900	1		
Emergency, Battery	25%			2025	$29,800	10	$5,300	
Exit, Service	50%			2025	$11,900	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - BK

Asset # : 1362

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$87,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,900	2045	* *	4	$4,400	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2020	$47,700	1	$5,500	
Convector/Radiator	80%			2023	$668,500	1	$22,900	
Fan Coil Unit/Heat	10%			2025	$132,500	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$36,400	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,300	
Exhaust Fans								
Interior	80%			2025	$78,200	2	$2,200	
Roof	20%			2025	$14,100	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$20,600	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,200	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 123 - BK
Asset # : 1362

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 123 - M**		
Address	**: 301 WEST 140 STREET @ 8TH AVE.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M123**
Program / Asset #	**: BOE0071.000 / 694**	**Yr Built/Renovated**	**: 1959 / 2014**
Area Sq Ft	**: 118,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 15-Jan-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 2042 Lot : 35**	**BIN**	**: 1060726**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$629,400	$297,300
Interior Architecture	$53,400	$1,011,300
Electrical	$636,600	$580,400
Mechanical	$295,700	$1,630,400
Total	**$1,615,100**	**$3,519,400**
Importance Code A	$629,400	$890,200
Importance Code B	$932,400	$2,629,300
Importance Code C	$53,400	
Total	**$1,615,100**	**$3,519,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture		$4,600	$17,100	$31,300
Electrical		$400	$1,200	$17,200
Mechanical	$23,100	$23,200	$33,000	$59,900
Total	**$23,100**	**$28,100**	**$51,300**	**$108,400**
Importance Code A	$12,100	$12,100	$12,100	$12,300
Importance Code B	$11,000	$16,100	$39,300	$96,100
Importance Code C				
Total	**$23,100**	**$28,100**	**$51,300**	**$108,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$60,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$1,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	33%			2045	* *	5-10	$228,900	
Granite Panels	5%			LIFE	* *	5	$3,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	90%	Now	$341,700	2033	* *	5	$10,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Glass Block	10%			LIFE	* *	5	$1,400	
Parapets								
Masonry: Brick	37%			LIFE	* *	5	$6,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	60%			2030	* *	5-10	$179,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$3,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2030	* *	10	$116,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	2%			2053	* *	10	$6,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Skylight, Metal/Glass	1%			2035	* *	10	$4,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$39,900	
Ceramic Tile	5%			2034	* *	5	$9,100	
Terrazzo	5%			LIFE	* *	5	$7,100	
Vinyl Tile	20%			2030	* *	3	$13,700	
Vinyl Tile	55%			2025	$852,500	3	$37,600	
Wood	5%			2040	* *	5	$17,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$53,400	2028	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,500	
Glass: Single Pane	2%			LIFE	* *	5	$2,400	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$26,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$45,500	
Exposed Concrete	55%			LIFE	* *	5	$15,700	
Fiber Board	10%			2025	$119,000			
Plaster	10%			LIFE	* *	5	$11,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$3,100	
Raceway								
Conduit	95%			2025	$198,200	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	70%			2024	$125,600	5	$2,200	
Molded Case Bkrs	20%			2050	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2025	$29,800	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$800	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$900	
Generic	50%			LIFE	* *	5	$900	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2035	* *	10	$107,200	
T-8 Lamps, Extent : Moderate, Area Affected : 96%								
Location : Throughout The Building								
Fluorescent	4%			2035	* *	10	$4,500	
T-5 Lamps, Extent : Moderate, Area Affected : 4%								
Location : Auditorium & Gym								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$14,700	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$427,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$300,000	5	$37,700	
Conversion Equipment								
Steam Boiler	100%			2023	$592,900	1	$120,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units - Replacement & Renovation Of Boiler Room Has Been Started								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Renovation Of Boiler Room Has Been Started								
Terminal Devices								
Air Handler	30%			2025	$197,000	1	$22,600	
Convector/Radiator	70%			2030	* *	1	$27,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$82,700	2035	* *	1	$10,200	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Has Not Been Working For 20 Years, Basement								
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Basement								
Window/Wall Unit	70%			2020	$175,300	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2025	$107,100	4	$1,800	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2025	$173,500	1	$15,100	
No Component	80%							
Heat Rejection								
Evap Condenser	20%			2020	$17,900	2	$17,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	30%			2025	$40,400	2	$1,100	
Roof	70%			2025	$67,800	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%	Now	$2,200	2023	$109,100	1		
Corroded, Extent : Severe, Area Affected : 2%								
Location : Main Shut Off Valves								
HW Heat Exchanger								
Low Temp	100%	2-4	$37,800	2055	* *	4	$12,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - M

Asset # : 694

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$42,700	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 123 - Q**
Address : **145-01 119TH AVE. BTWN: INWOOD ST., 145 ST.**
Borough : **QUEENS**
Agency's Number : **Q123**
Program / Asset # : **BOE0772.000 / 2533**
Yr Built/Renovated : **1928 / 2011**
Area Sq Ft : **109,000**
Project Type : **EDUCATION**
Date of Survey : **25-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12019** **Lot** : **10**
BIN : **4260828**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$456,200	$94,600
Interior Architecture	$623,400	$726,200
Electrical	$208,900	$1,672,400
Mechanical	$66,700	$626,900
Total	**$1,355,300**	**$3,120,200**
Importance Code A	$456,200	$115,600
Importance Code B	$834,200	$2,964,100
Importance Code C	$64,900	$40,400
Total	**$1,355,300**	**$3,120,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,000			
Interior Architecture	$48,700		$10,400	$15,700
Electrical	$3,700		$400	$1,000
Mechanical	$24,400	$16,900	$25,300	$16,900
Total	**$108,000**	**$16,900**	**$36,000**	**$33,600**
Importance Code A	$42,100	$11,100	$11,100	$11,100
Importance Code B	$41,400	$5,800	$24,900	$22,600
Importance Code C	$24,500			
Total	**$108,000**	**$16,900**	**$36,000**	**$33,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$285,600	LIFE	* *	5	$94,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Masonry: Limestone	2%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%			2042	* *	5	$37,900	
Parapets								
Masonry: Brick	65%			LIFE	* *	5-10	$95,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick Cavity	30%			LIFE	* *	5-10	$44,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Upper Parapet								
Pre-Cast Concrete	5%			LIFE	* *	5	$13,500	
Roof								
Built-Up (BUR)	95%	Now	$51,500	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 319								
Copper/Terne	5%			2041	* *	10	$14,800	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$8,400	
Terrazzo	5%			LIFE	* *	5	$13,100	
Vinyl Tile	35%			2026	$498,000	3	$29,300	
Vinyl Tile 9" X 9"	20%	Now	$368,700	2036	* *	3	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Auditorium								
Wood	35%			2041	* *	5	$109,800	
Interior Walls								
Masonry: Brick	15%			LIFE	* *	10	$7,600	
Marble Panels	5%			LIFE	* *	10	$3,400	
Plaster	10%	Now	$13,500	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
Plaster	70%			LIFE	* *	5-10	$100,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2039	* *	5	$20,800	
Exposed Concrete	10%	Now	$53,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Roof Stair								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Basement								
Metal Panel	5%			LIFE	* *	5	$20,800	
Plaster	75%			LIFE	* *	5-10	$214,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 317, 319								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One1200a Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2026	$117,300	5	$300	
Fused Disc Sw	40%			2046	* *	5	$200	
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	10%			2025	$17,900	5	$300	
Fused Knife Sw	1%	0-2	$1,800	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2042	* *	5	$600	
Molded Case Bkrs	64%			2025	$114,800	5	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$99,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2034	* *	10	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Cfl Compact Fluorescent Light								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$13,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$1,129,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$110,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$39,000	2036	* *	4	$5,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 123 - Q

Asset # : 2533

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2026	$180,900	1	$20,700	
Convector/Radiator	50%			2031	* *	1	$18,100	
Fan Coil Unit/Heat	20%			2026	$334,800	1	$7,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2021	$34,500	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$98,700	
Exhaust Fans								
Interior	90%			2026	$111,200	2	$3,100	
Roof	10%			2026	$8,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$26,000	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 124 - BK**		
Address	**: 515 4TH AVENUE @13TH STREET**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K124**
Program / Asset #	**: BOE0432.000 / 1363**	**Yr Built/Renovated**	**: 1900 / 2008**
Area Sq Ft	**: 33,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 27-Sep-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 1034** **Lot : 1**	**BIN**	**: 3023391**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$52,900	$35,000
Interior Architecture	$419,000	$49,200
Electrical	$216,100	$469,000
Mechanical	$55,800	$446,000
Total	**$743,800**	**$999,300**
Importance Code A	$52,900	$35,000
Importance Code B	$691,000	$964,200
Total	**$743,800**	**$999,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,500	$700	$8,000	
Interior Architecture	$9,800	$2,500	$600	$5,400
Electrical	$800	$34,600	$800	$800
Mechanical	$57,800	$12,500	$5,500	$4,600
Total	**$104,000**	**$50,300**	**$14,900**	**$10,700**
Importance Code A	$38,900	$4,100	$11,400	$3,400
Importance Code B	$65,100	$46,200	$3,600	$7,400
Importance Code C				
Total	**$104,000**	**$50,300**	**$14,900**	**$10,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%	Now	$52,900	LIFE	* *	5	$35,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Limestone	10%	Now	$11,800	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	25%	Now	$19,500	2036	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$16,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Panel	5%			2043	* *	5	$1,300	
Roof								
Built-Up (BUR)	70%	Now	$4,200	2028	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	30%			2031	* *	10	$7,900	
Interior								
Floors								
Ceramic Tile	5%	Now	$9,800	2026	$49,200	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	45%	Now	$194,400	2033	* *	3	$8,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	40%	Now	$51,800	2018	$172,800	3	$7,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	10%			2031	* *	3	$1,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$14,200	
Plaster	15%			LIFE	* *	5	$2,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$5,100	
Embossed Metal	5%			LIFE	* *	5	$1,100	
Plaster	70%			LIFE	* *	5	$22,200	
Plaster	15%			LIFE	* *	5	$4,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	60%			2023	$31,500	1		
Conduit	30%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	15%			2022	$11,200	5	$100	
Molded Case Bkrs	80%			2031	* *	5	$700	
Molded Case Bkrs	5%			2039	* *	5		
Wiring								
Braided Cloth	60%	2-4	$39,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	15%			2018	$56,600	10	$4,700	
Fluorescent	80%			2023	$301,600	10	$24,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	5%			2018	$18,900	2		
Egress Lighting								
Exit, Service	50%			2023	$4,600	1		
Exit, Battery	50%			2023	$15,600	10	$1,100	
Exterior Lighting								
HID	100%			2023	$124,600	10	$100	
Alarm								
Security System								
No Component	90%							
Generic	10%			2018	$10,000	1	$1,200	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$119,600	1-3	$7,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 4000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$33,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$23,700	2033	* *	4	$1,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Terminal Devices								
Convector/Radiator	90%	0-2	$28,900	2021	$288,600	1	$8,900	
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2023	$50,800	1	$1,100	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - BK

Asset # : 1363

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$55,800	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Interior	95%			2023	$35,600	2	$1,000	
Roof	5%	Now	$100	2023	$1,300	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%	Now	$1,500	2043	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Hot Water Piping								
Galv Iron/Steel	70%			2021	$71,000	1		
Water Heater								
Gas Fired	100%			2018	$7,900	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 124 - M (ECF)**				
Address	: **40 DIVISION STREET @ MANHATTAN BRIDGE**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M124**	
Program / Asset #	: **BOE0072.000 / 164**		**Yr Built/Renovated**	: **1976 / 2012**	
Area Sq Ft	: **93,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **15-Oct-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3**				
Block	: **289**	**Lot** : **1**	**BIN**	: **1075787**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,024,300	$738,100
Interior Architecture		$1,020,700
Electrical		$2,574,200
Mechanical	$148,000	$496,300
Total	**$1,172,300**	**$4,829,400**
Importance Code A	$1,024,300	$775,100
Importance Code B	$148,000	$4,010,800
Importance Code C		$43,500
Total	**$1,172,300**	**$4,829,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture			$18,000	
Electrical	$1,000	$2,000	$2,100	$12,100
Mechanical	$39,800	$17,200	$33,400	$46,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$44,800**	**$23,200**	**$57,400**	**$62,800**
Importance Code A	$9,300	$9,500	$9,500	$9,700
Importance Code B	$35,400	$13,700	$47,900	$53,100
Importance Code C				
Total	**$44,800**	**$23,200**	**$57,400**	**$62,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$77,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,800	
Windows								
Metal Louvers	2%			2034	* *	10	$2,200	
Steel	98%	Now	$914,000	2050	* *	5	$109,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$11,100	
Masonry: Brick Cavity	10%			LIFE	* *	5	$1,300	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : West Side								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Roof								
Modified Bitumen	100%	Now	$110,300	2025	$551,600			
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Corridor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,700	
Ceramic Tile	5%			2034	* *	5	$7,200	
Terrazzo	10%			LIFE	* *	5	$11,200	
Vinyl Tile	80%			2025	$977,200	3	$43,100	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Folding Partition	3%			2041	* *	5	$9,500	
Glass: Single Pane	10%			LIFE	* *	5	$9,500	
Gypsum Board	57%			LIFE	* *	5	$43,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	80%			LIFE	* *	5	$17,900	
Plaster	20%			LIFE	* *	5	$17,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 2000 Amperes And 1600 Amperes								
Transformers								
Dry Type	75%			2023	$11,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 750 Kva, 480/208/120 Volts								
Dry Type	25%			2038	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1-75 Kva, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	95%			2025	$162,500	5	$400	
Fused Disc Sw	5%			2045	* *	5		
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	85%			2024	$152,500	5	$2,100	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Thermoplastic	95%			2025	$242,700	1		
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Motor Control Center	50%			2023	$146,300	5	$1,300	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$1,012,900	10	$83,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2025	$32,000	10	$2,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2025	$7,700	10		
Incandescent	1%			2020	$10,700	2		
Egress Lighting								
Emergency, Battery	50%			2025	$64,700	10	$11,600	
Exit, Service	50%			2025	$12,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2025	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$84,400	1	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights,Manual Pull Station, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : (2) 7500 Gallon Oil Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$9,300	2030	* *	1	$85,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Sub Basement, 1 Of 2 Defective Boiler Burners								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) #2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	2-4	$13,400	2035	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement, Leaky Condensate Pump Seals								
Terminal Devices								
Air Handler	20%			2025	$103,500	1	$11,900	
Convector/Radiator	80%			2030	* *	1	$24,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$3,300	2025	$65,200	1	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement, Refrigerant Leak Evident								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Ext Pkg Unit - Cooling	5%			2025	$22,200	2	$300	
Window/Wall Unit	75%			2020	$148,000	1		
Distribution								
Chilled Wtr Pipe/Pump	20%			2035	* *	4	$900	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2025	$151,900	1	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout First Floor								
Explanation : Unit Ventilators								
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2025	$114,700	2	$13,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,500	
Exhaust Fans								
Interior	20%			2025	$21,200	2	$600	
Roof	80%			2025	$61,000	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Electric	100%			2024	$14,900	4	$600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Used Only For Domestic Hot Water Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - M (ECF)

Asset # : 164

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C - 3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$50,200	
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 124 - Q**		
Address	: **129-15 150 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q124**
Program / Asset #	: **BOE0965.000 / 1182**	**Yr Built/Renovated**	: **1927 / 2014**
Area Sq Ft	: **98,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **11882** **Lot** : **1**	**BIN**	: **4257530**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$151,500	$127,300
Interior Architecture	$158,800	$823,600
Electrical	$190,500	$1,618,800
Mechanical	$140,400	$1,742,800
Total	**$641,100**	**$4,312,500**
Importance Code A	$151,500	$164,300
Importance Code B	$437,100	$4,148,200
Importance Code C	$52,500	
Total	**$641,100**	**$4,312,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,300	$23,700		
Interior Architecture	$36,900		$27,700	$8,900
Electrical	$11,500	$13,100	$8,100	$8,800
Mechanical	$75,600	$37,700	$46,700	$35,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$171,300**	**$78,400**	**$86,500**	**$56,600**
Importance Code A	$53,300	$33,600	$10,000	$10,000
Importance Code B	$89,800	$44,800	$76,500	$44,400
Importance Code C	$28,200			$2,300
Total	**$171,300**	**$78,400**	**$86,500**	**$56,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$144,100	
Recent Repair Evident, Extent : Light, Area Affected : 25% Location : 1927 Wing								
Masonry: Brick Cavity	22%			LIFE	* *	5	$45,300	
Masonry: Limestone	5%			LIFE	* *	5	$7,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$20,100	
Windows								
Aluminum	100%			2048	* *	5	$36,300	
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5-10	$63,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% Location : 1927 Wing								
Masonry: Brick Cavity	28%			LIFE	* *	5-10	$29,600	
Metal Rail	5%			2043	* *	5-10	$14,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,900	
Roof								
Built-Up (BUR)	25%			2031	* *	10	$21,300	
Copper/Terne	5%			2061	* *	10	$10,600	
IRMA/Protected Membrane	65%			2034	* *	10	$55,300	
Modified Bitumen	5%			2031	* *	10	$4,300	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$7,500	
Quarry Tile	3%			2039	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$11,800	
Traffic Topping	25%			2026	$466,600	5	$47,000	
Vinyl Tile	15%			2026	$191,900	3	$11,300	
Vinyl Tile	10%			2031	* *	3	$5,600	
Wood	37%			2041	* *	5	$104,400	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$4,500	
Concrete Masonry Unit	13%			LIFE	* *	5	$15,800	
Gypsum Board	7%			LIFE	* *	5-10	$18,000	
Masonry: Brick	5%			LIFE	* *	10	$2,300	
Marble Panels	3%			LIFE	* *	10	$1,800	
Plaster	63%			LIFE	* *	5-10	$81,100	
SGFT/Glazed Masonry	6%			LIFE	* *	10	$4,500	
Ceilings								
AcousTileConcealSpLn	5%			2031	* *	5	$9,300	
AcousTileSusp.Lay-In	30%			2039	* *	5	$44,800	
Plaster	65%			LIFE	* *	5-10	$167,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$29,600	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000a Main Disconnect Switch								
Fused Disc Sw	20%			2026	$7,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	60%			2026	$102,600	5	$300	
Fused Disc Sw	30%			2052	* *	5	$100	
Molded Case Bkrs	10%			2026	$17,100	5	$300	
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	60%			2025	$107,600	5	$1,500	
Molded Case Bkrs	30%			2048	* *	5	$800	
Wiring								
Braided Cloth	50%	2-4	$127,800	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : Insulation Aged								
Thermoplastic	20%			2026	$51,100	1		
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$52,900	5	$500	
Locally Mounted	30%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$30,200	
Generators								
Diesel	100%			2039	* *	1	$38,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2048	* *	5	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gals								
Main Tank	50%			2061	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	68%			2021	$759,300	10	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building-old Wing								
Explanation : T-12 Lamps								
Fluorescent	30%			2034	* *	10	$27,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building-new Wing								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Service	15%			2034	* *	1		
Emergency, Service	45%			2021	$22,300	1		
Exit, Service	10%			2034	* *	1		
Exit, Service	30%			2021	$8,100	1		
Exterior Lighting								
HID	100%			2021	$370,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,000	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$31,100	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$99,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$140,400	2036	* *	4	$5,000	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vaccum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various								
Terminal Devices								
Air Handler	20%			2026	$108,400	1	$12,400	
Convector/Radiator	40%			2031	* *	1	$13,000	
Fan Coil Unit/Heat	40%			2026	$602,100	1	$13,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	70%			2029	* *	1	$76,200	
R-134a Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor								
Ext Pkg Unit - Heating/Cooling	5%			2021	$33,100	2	$300	
No Component	25%							
Distribution								
Chilled Wtr Pipe/Pump	70%			2036	* *	4	$3,500	
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$64,100	1	$12,400	
Fan Coil - Cool/Heat	55%			2026	$785,000	1	$17,900	
No Component	25%							
Heat Rejection								
Air Condenser Unit	20%			2026	$30,100	2	$14,000	
Air Condenser Unit	50%			2021	$75,300	2	$35,000	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$88,800	
Exhaust Fans								
Interior	50%			2021	$55,600	2	$1,500	
Interior	20%			2026	$22,200	2	$600	
Roof	30%			2026	$24,000	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$6,000	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%			2026	$23,400	2	$1,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 124 - Q

Asset # : 1182

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2046	* *	1-5	$10,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Staircase Of New Wing								
Explanation : New Wing Only								
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$5,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout New Wing								
Explanation : New Wing Only								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 125 - M**			
Address	:	**425 WEST 123 STREET BTWN: MORNINGSIDE AVE.,AMSTERDAM**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M125**
Program / Asset #	:	**BOE0073.000 / 695**	**Yr Built/Renovated**	:	**1925 / 2011**
Area Sq Ft	:	**134,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**09-Feb-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**1964** **Lot** : **12**	**BIN**	:	**1059526**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,246,100	$225,400
Interior Architecture	$544,200	$1,115,400
Electrical	$450,200	$2,164,400
Mechanical	$245,600	$2,752,100
Total	**$2,486,100**	**$6,257,300**
Importance Code A	$1,313,200	$896,300
Importance Code B	$911,600	$5,307,000
Importance Code C	$261,400	$53,900
Total	**$2,486,100**	**$6,257,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,000			
Interior Architecture	$86,700		$12,800	$24,500
Electrical	$32,300	$1,900	$2,000	$1,700
Mechanical	$53,000	$34,400	$36,000	$24,700
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$203,800**	**$51,000**	**$65,500**	**$65,600**
Importance Code A	$17,300	$13,700	$13,700	$13,700
Importance Code B	$164,700	$37,400	$51,800	$52,000
Importance Code C	$21,800			
Total	**$203,800**	**$51,000**	**$65,500**	**$65,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%	Now	$340,000	LIFE	* *	5	$225,400	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : All Facades								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : North And West Facades								
Masonry: Limestone	5%			LIFE	* *	5	$19,200	
Metal: Cage/Fence	5%			2031	* *	5	$56,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Hinges And Latches Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level								
Explanation : Window Guards								
Stucco Cement	2%	Now	$7,400	2031	* *	5	$6,400	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Exterior Wall Of Starwell B								
Windows								
Aluminum	95%	Now	$288,100	2042	* *	5	$34,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : 6th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 6th Floor								
Metal Clad	5%	Now	$188,100	2051	* *	5	$11,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Pool Area								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Pool Area								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$102,500	
Masonry: Limestone	20%	Now	$78,500	LIFE	* *	5	$4,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : At West Side Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : At West Side Coping								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 421, 423								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	10%			2031	* *	10	$7,200	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : West Side								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Snow Present								
IRMA/Protected Membrane	10%			2031	* *	10	$7,200	
Skylight, Metal/Glass	10%			2046	* *	10	$23,900	
Skylight, Metal/Glass	5%	Now	$106,000	2036	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Over Pool								
Slate	65%	Now	$157,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Interior								
Floors								
Carpet	5%			2022	$131,700	3	$20,600	
Cast in Place Concrete	5%	Now	$5,400	LIFE	* *	5	$22,600	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room Below Stage								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Room Below Stage								
Explanation : This Room Contains Vacuum Condensate Return Line								
Ceramic Tile	3%			2029	* *	5	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boys / Girls Locker Rooms								
Explanation : Under Construction								
Ceramic Tile	5%			2035	* *	5	$10,300	
Mosaic Tile	5%	Now	$61,700	2031	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Around Pool								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Around Pool								
Marble Panels	2%			LIFE	* *	5	$6,200	
Terrazzo	15%	2-4	$28,800	LIFE	* *	5	$24,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Stairwell Landings, Corridors								
Vinyl Tile	55%			2026	$964,800	3	$56,700	
Wood	5%			2054	* *	5	$19,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$162,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exterior Pool Wall								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Exterior Pool Wall, Behind Auditorium Stage								
Masonry: Brick	15%			LIFE	* *	10	$11,600	
Marble Panels	10%			LIFE	* *	10	$10,300	
Plaster	70%			LIFE	* *	5-10	$152,800	
Ceilings								
Exposed Concrete	23%			LIFE	* *	5-10	$59,300	
Exposed Struc: Steel	2%			LIFE	* *	10	$8,300	
Plaster	71%			LIFE	* *	5-10	$251,700	
Plaster	4%			LIFE	* *	5-10	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium Ceiling								
Explanation : Premium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2052	* *	5	$400	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Electrical Room Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2052	* *	5	$500	
Fused Disc Sw	20%			2026	$44,000	5	$100	
Raceway								
Conduit	70%			2026	$173,200	1		
Conduit	30%			2052	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Knife Sw	5%	2-4	$11,200	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fused Toggle Switch	65%	2-4	$145,700	2051	* *	5	$1,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	20%			2048	* *	5	$700	
Wiring								
Braided Cloth	60%	2-4	$208,400	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2026	$69,500	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Lighting								
Interior Lighting								
Fluorescent	76%			2021	$1,163,600	10	$96,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	20%			2034	* *	10	$25,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	2%			2021	$22,000	10	$100	
Incandescent	2%			2021	$30,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$93,000	10	$16,600	
Exit, Service	50%			2021	$18,600	1		
Exterior Lighting								
HID	100%			2021	$506,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$15,000	
Fire/Smoke Detection								
No Component	40%							
Generic, Digital	60%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$42,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 12,000 Gallon Tank For #4 Fuel								
Conversion Equipment								
Steam Boiler	100%	0-2	$67,100	2024	$671,000	1	$122,900	
Damaged, Extent : Moderate, Area Affected : 35%								
Location : Boiler Room,1 Of 3 Boilers Damaged Tube Plate. 2 Of 3 Boilers With Deteriorating Refractory								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3- #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	85%			2026	$818,000	4	$8,700	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	5%	Now	$48,100	2056	* *	4	$300	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Pool Equipment Room, Boiler Room And Various Other Locations								
Steam Piping/Pump	10%	Now	$96,200	2056	* *	4	$700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room, Defective Vaccuum Pumping System, Condensate Is Presently Being Dumped Into Sewer								
Terminal Devices								
Air Handler	25%			2031	* *	1	$21,300	
Convector/Radiator	75%			2024	$976,400	1	$33,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2027	* *	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5th Floor Interior Units								
Ext Pkg Unit - Heating/Cooling	25%			2031	* *	2	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	35%	0-2	$19,800	2021	$99,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Multiple Mechanical And Or Electrical Defects								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,700	
Exhaust Fans								
Interior	95%			2026	$144,700	2	$4,000	
Roof	5%			2031	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$42,800	4	$20,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Pool Filter/Treatment								
Sand	100%			2031	* *	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pool Equipment Room								
Explanation : Back Wash Valve Not Functioning Correctly								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 125 - M

Asset # : 695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 6								
Explanation : 2 Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	35%							
Generic	65%			2052	* *	1-5	$45,200	
Sprinkler								
No Component	65%							
Generic	35%			2052	* *	1-2	$13,500	
Fire Pump								
No Component	50%							
Generic	50%			2039	* *	1	$12,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 126 - M**		
Address	: **80 CATHERINE STREET @ CHERRY ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M126**
Program / Asset #	: **BOE0074.000 / 1697**	**Yr Built/Renovated**	: **1966 / 2009**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **111** **Lot** : **160**	**BIN**	: **1083357**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$826,700	$112,900
Interior Architecture	$1,347,700	
Electrical	$452,300	$1,151,600
Mechanical	$442,300	
Total	**$3,069,100**	**$1,264,500**
Importance Code A	$826,700	$149,900
Importance Code B	$2,242,400	$1,114,600
Total	**$3,069,100**	**$1,264,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$7,800
Interior Architecture	$15,300		$2,000	$36,500
Electrical	$25,100	$1,200	$2,000	$1,400
Mechanical	$27,400	$6,800	$12,900	$24,200
Total	**$67,800**	**$8,000**	**$17,000**	**$69,900**
Importance Code A		$2,700		$8,000
Importance Code B	$67,800	$5,300	$17,000	$61,900
Importance Code C				
Total	**$67,800**	**$8,000**	**$17,000**	**$69,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$41,800	
Masonry: Brick Cavity	85%			LIFE	* *	5	$71,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%			2045	* *	5-10	$28,700	
Windows								
Aluminum	100%	Now	$755,000	2050	* *	5	$9,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$10,200	
Masonry: Brick Cavity	85%			LIFE	* *	5	$8,400	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$71,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Over Fourth Floor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,900	
Ceramic Tile	3%			2034	* *	5	$4,100	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile 9" X 9"	90%			2020	$1,347,700	3	$61,200	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Plaster	65%			LIFE	* *	5	$23,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$42,400	
Exposed Concrete	60%			LIFE	* *	5	$12,700	
Plaster	15%			LIFE	* *	5	$12,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	90%			2024	$161,400	5	$2,100	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2045	* *	1		
Thermoplastic	25%			2025	$63,900	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$500	
Locally Mounted	20%	2-4	$15,100	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$79,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2033	* *	10	$2,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Library								
LED	2%			2033	* *			
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$11,000	
Exit, Service	50%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2025	$332,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$79,900	1	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$273,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2028	* *	5	$5,400	
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,500	
Terminal Devices								
Air Handler	20%			2020	$97,900	1	$11,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room, Air Handling Equipment Approaching End Of Useful Life Cycle								
Convector/Radiator	80%	Now	$137,300	2030	* *	1	$21,100	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Throughout, Defective Steam Traps And Room Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$14,900	2020	$149,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms, Multiple Mechanical And/ Or Electrical Defects								
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 - M

Asset # : 1697

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	20%			2020	$20,100	2	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Mechanical Equipment Room, The Auditorium And Lunch Room Exhaust Fans Approaching End Of Useful Life Cycle								
Roof	80%			2020	$57,800	2	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, The Rooftop Exhaust Fans Are Approaching End Of Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$5,400	2030	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Water Main, Basement								
Water Heater								
Electric	100%			2025	$14,100	4	$800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$5,500	2025	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement, 1 Of 2 Defective Sump Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 126 -BX (ECF)**
Address : **175 WEST 166 STREET @ OGDEN AVE.**
Borough : **BRONX**
Agency's Number : **X126**
Program / Asset # : **BOE0265.000 / 395**
Yr Built/Renovated : **1972 / 2007**
Area Sq Ft : **88,000**
Project Type : **EDUCATION**
Date of Survey : **30-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2526** **Lot** : **83** **BIN** : **2003495**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$118,100	$739,200
Interior Architecture	$110,500	$947,800
Electrical	$927,100	$642,000
Mechanical	$93,400	$1,089,200
Total	**$1,249,000**	**$3,418,300**
Importance Code A	$118,100	$1,181,400
Importance Code B	$1,131,000	$2,236,900
Total	**$1,249,000**	**$3,418,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$50,400			$13,900
Electrical	$10,900	$38,200	$1,600	$2,000
Mechanical	$49,300	$26,600	$20,900	$12,500
Total	**$110,600**	**$64,800**	**$22,500**	**$28,400**
Importance Code A	$9,000	$9,200	$9,000	$9,000
Importance Code B	$60,300	$55,600	$13,500	$19,400
Importance Code C	$41,300			
Total	**$110,600**	**$64,800**	**$22,500**	**$28,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 -BX (ECF)

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$37,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$63,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$70,800	2039	* *	5	$8,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$8,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	35%			2028	* *	5-10	$77,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	65%			2023	$266,800	10	$58,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
IRMA/Protected Membrane	35%			2023	$312,600	10	$31,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$7,100	LIFE	* *	5	$29,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2032	* *	5	$4,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	82%	Now	$47,400	2023	$947,800	3	$41,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 -BX (ECF)

Asset # : 395

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$6,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Folding Partition	3%	Now	$28,700	2039	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Cafeteria								
Marble Panels	2%	Now	$9,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	Now	$63,200	2028	* *	5	$17,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	40%			LIFE	* *	5	$8,500	
Exposed Struc: Steel	2%			LIFE	* *			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Fiber Board	3%			2023	$26,600			
Metal Panel	20%			LIFE	* *	5	$34,000	
Plaster	10%			LIFE	* *	5	$8,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$400	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 -BX (ECF)

Asset # : 395

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2031	* *	5	$300	
Fused Toggle Switch	5%	2-4	$9,000	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	70%			2031	* *	5	$1,600	
Wiring								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	90%			2033	* *	1		
Motor Controllers								
Locally Mounted	65%			2028	* *	5	$400	
Locally Mounted	25%			2036	* *	5	$100	
Motor Control Center	10%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Fan Room								
Explanation : T-8 Lamps								
Fluorescent	83%			2018	$837,400	10	$69,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	5%			2023	$36,200	10	$100	
Incandescent	2%			2018	$20,200	2		
Egress Lighting								
Emergency, Battery	40%			2028	* *	10	$8,800	
Emergency, Battery	10%			2018	$12,300	10	$2,200	
Exit, Service	30%			2028	* *	1		
Exit, Service	20%			2018	$4,900	1		
Exterior Lighting								
HID	100%			2023	$332,400	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$273,400	1-3	$16,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 -BX (ECF)

Asset # : 395

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$223,700	5	$28,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2021	$442,200	1	$90,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$31,700	2033	* *	4	$4,500	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$97,900	1	$11,200	
Convector/Radiator	80%			2028	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$93,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	25%			2023	$25,100	2	$700	
Roof	75%			2023	$54,200	2	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$271,300	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 126 -BX (ECF)

Asset # : 395

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 127 - BK**
Address : **7805 7 AVENUE BTWN: 79 ST., 78 ST.**
Borough : **BROOKLYN**
Agency's Number : **K127**
Program / Asset # : **BOE0434.000 / 2750**
Yr Built/Renovated : **1900 / 2014**
Area Sq Ft : **35,000**
Project Type : **EDUCATION**
Date of Survey : **27-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5973** **Lot** : **1**
BIN : **3150481**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,700	$45,700
Interior Architecture	$208,600	
Electrical	$39,900	$283,400
Mechanical	$46,400	$255,400
Total	**$340,600**	**$584,500**
Importance Code A	$45,700	$45,700
Importance Code B	$254,500	$538,800
Importance Code C	$40,400	
Total	**$340,600**	**$584,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,500	$8,500	$3,600	
Interior Architecture	$49,900	$4,300	$500	$1,300
Electrical	$5,000		$100	$100
Mechanical	$16,900	$5,800	$8,000	$5,700
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$127,000**	**$34,400**	**$28,000**	**$22,900**
Importance Code A	$43,000	$12,100	$7,100	$3,600
Importance Code B	$50,300	$22,300	$20,800	$19,400
Importance Code C	$33,600			
Total	**$127,000**	**$34,400**	**$28,000**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$44,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$68,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	$22,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$8,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Stucco Cement	5%			2039	* *	5	$7,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$17,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	30%			LIFE	* *	5-10	$15,100	
Metal Cornice	70%			2054	* *	10	$16,600	
Roof								
Asphalt Shingle	65%			2035	* *	10	$3,000	
Built-Up (BUR)	35%			2031	* *	10	$9,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$2,800	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	0-2	$1,600	2035	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%	Now	$3,200	2031	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	64%			2036	* *	3	$12,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$118,700	2036	* *	3	$4,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	1%			2054	* *	5	$1,000	
Interior Walls								
Ceramic Tile	5%	Now	$4,600	2035	* *	5	$1,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$5,000	
Masonry: Brick	10%	Now	$13,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$40,400	LIFE	* *	5	$15,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$26,800	
Ceilings								
AcousTileConcealSpLn	20%			2031	* *	5	$13,500	
Exposed Concrete	10%	Now	$8,700	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Throughout								
Plaster	70%	Now	$49,500	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$5,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$48,900	5	$100	
Fused Disc Sw	50%			2046	* *	5	$100	
Raceway								
Conduit	80%			2026	$42,000	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$7,500	5	$100	
Molded Case Bkrs	70%			2051	* *	5	$600	
Molded Case Bkrs	20%			2025	$14,900	5	$200	
Wiring								
Braided Cloth	60%	2-4	$39,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2026	$6,700	1		
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$32,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Egress Lighting								
Emergency, Battery	50%			2021	$24,300	10	$4,300	
Exit, Service	50%			2021	$4,900	1		
Exterior Lighting								
HID	100%			2021	$132,200	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - BK

Asset # : 2750

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$88,700	5	$11,200	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$1,800	
Terminal Devices								
Convector/Radiator	90%			2031	* *	1	$10,500	
Unit Heater-Stm/HW	10%			2026	$23,300	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2020	$46,400	2	$200	
Window/Wall Unit	80%			2021	$59,200	1		
No Component	10%							
Heat Rejection								
Remote Air Cond	10%			2021	$19,400	2	$2,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$107,500	1		
Water Heater								
Gas Fired	100%			2024	$8,400	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 127 - Q**		
Address	**: 98 STREET & 25 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q127**
Program / Asset #	**: BOE0775.000 / 2763**	**Yr Built/Renovated**	**: 1927 / 2009**
Area Sq Ft	**: 93,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 30-May-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 1109** **Lot : 16**	**BIN**	**: 4024487**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$70,300	$87,900
Interior Architecture	$40,200	$507,200
Electrical	$577,800	$2,004,500
Mechanical	$364,100	$806,000
Total	**$1,052,400**	**$3,405,600**
Importance Code A	$70,300	$124,900
Importance Code B	$982,100	$3,244,000
Importance Code C		$36,700
Total	**$1,052,400**	**$3,405,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,200			$10,100
Interior Architecture	$3,500	$1,800	$8,000	$17,700
Electrical	$1,000	$1,400	$2,100	$12,100
Mechanical	$75,500	$16,900	$25,200	$47,400
Total	**$97,300**	**$20,100**	**$35,300**	**$87,400**
Importance Code A	$26,700	$9,400	$9,400	$19,700
Importance Code B	$70,600	$10,600	$25,800	$67,600
Total	**$97,300**	**$20,100**	**$35,300**	**$87,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$87,900	
Masonry: Limestone	10%			LIFE	* *	5	$7,300	
Windows								
Aluminum	100%			2047	* *	5	$34,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,200	
Roof								
Built-Up (BUR)	95%	Now	$70,300	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5, Corridors, Room 415								
Copper/Terne	5%			2060	* *	10	$10,100	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$78,100	
Ceramic Tile	5%			2034	* *	5	$7,100	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	10%			2030	* *	3	$5,400	
Vinyl Tile	25%			2025	$303,500	3	$13,400	
Wood	30%			2040	* *	5	$80,300	
Interior Walls								
Masonry: Brick	12%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$36,700	
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$14,200	
AcousTileSusp.Lay-In	15%			2030	* *	5	$21,300	
AcousTileSusp.Lay-In	5%			2042	* *	5	$7,100	
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Metal Panel	5%			LIFE	* *	5	$8,900	
Plaster	55%			LIFE	* *	5	$48,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 415, Corridors, Stair 5								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2025	$138,100	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	75%			2024	$134,500	5	$1,800	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	30%			2030	* *	5	$200	
Locally Mounted	70%			2023	$52,900	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	92%			2025	$974,900	10	$80,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2033	* *	10	$5,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement, Lunch Area								
Fluorescent	1%			2033	* *	10	$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Case								
Incandescent	1%			2020	$10,600	2		
Egress Lighting								
Emergency, Battery	50%			2025	$64,300	10	$11,500	
Exit, Service	50%			2025	$12,900	1		
Exterior Lighting								
HID	100%			2025	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$84,400	1	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$289,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$94,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,300	2035	* *	4	$4,700	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$102,900	1	$11,800	
Convector/Radiator	60%			2023	$540,700	1	$18,500	
Fan Coil Unit/Heat	20%	Now	$14,300	2020	$285,700	1	$5,500	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$78,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,200	
Exhaust Fans								
Interior	100%			2025	$105,500	2	$2,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 127 - Q

Asset # : 2763

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	Now	$2,800	2023	$57,000	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main And Piping In Basement								
Water Heater								
Gas Fired	100%			2023	$22,200	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$22,300	1-2	$500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 128 - BK / P.S. 721 (OTC)**				
Address	: **2075 84 STREET / 8310 21 AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K128**
Program / Asset #	: **BOE0435.000 / 1364**			**Yr Built/Renovated**	: **1900 / 2011**
Area Sq Ft	: **116,472**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **6329**	**Lot**	: **32**	**BIN**	: **3165232**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,469,100	$375,400
Interior Architecture	$1,032,000	$656,700
Electrical	$1,687,400	$1,060,500
Mechanical	$123,100	$272,400
Total	**$4,311,700**	**$2,365,000**
Importance Code A	$1,469,100	$417,400
Importance Code B	$2,574,100	$1,587,900
Importance Code C	$268,500	$359,600
Total	**$4,311,700**	**$2,365,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,400	$19,700		
Interior Architecture	$78,700			$17,900
Electrical	$4,700	$4,700	$4,000	$3,300
Mechanical	$60,200	$45,300	$21,200	$18,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,900**	**$73,600**	**$29,100**	**$43,400**
Importance Code A	$59,500	$31,800	$11,900	$11,900
Importance Code B	$76,300	$41,800	$17,300	$31,600
Importance Code C	$42,100			
Total	**$177,900**	**$73,600**	**$29,100**	**$43,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - BK / P.S. 721 (OTC)

Asset # : 1364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$118,300	LIFE	* *	5	$104,800	
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout Basement								
Cast Stone/Terra Cotta	5%	Now	$148,400	LIFE	* *	5	$81,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	65%	Now	$411,200	LIFE	* *	5	$136,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	10%	Now	$229,100	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$72,100	
Stucco Cement	5%	Now	$30,400	2028	* *	5	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$506,100	2039	* *	5	$30,200	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$15,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$17,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Asphalt Shingle	25%			2032	* *	10	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	70%			2028	* *	10	$52,400	
Built-Up (BUR)	5%			2028	* *	10	$3,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - BK / P.S. 721 (OTC)

Asset # : 1364

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$18,700	LIFE	* *	5	$39,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement, Boiler Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$8,700	2026	$173,800	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile	55%	Now	$167,700	2028	* *	3	$37,000	
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : Third Floor								
Vinyl Tile	25%	Now	$38,100	2018	$381,200	3	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%	4+	$5,900	2038	* *	5	$8,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$15,400	2026	$308,100	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%	Now	$130,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement Boiler Room Throughout								
Marble Panels	3%	Now	$26,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	77%	Now	$137,900	LIFE	* *	5	$51,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Wing A Rooms 113, 213, 313, And 107, 207, 307. Wing C Rooms 316, 320, Library, 214, 209a								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$3,300	2028	* *	5	$9,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$4,200	
Plaster	75%	Now	$176,500	LIFE	* *	5	$84,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Wing A Upper Floors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Wing A Upper Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 128 - BK / P.S. 721 (OTC)
Asset # : 1364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$500	
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$400	
Molded Case Bkrs	80%			2022	$143,500	5	$2,500	
Molded Case Bkrs	5%			2039	* *	5	$200	
Wiring								
Braided Cloth	50%	0-2	$149,200	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	45%			2023	$134,300	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2028	* *	5	$700	
Motor Control Center	10%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	20%			2023	$266,200	10	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	67%			2018	$891,600	10	$73,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2023	$28,700	10	$100	
Incandescent	10%			2018	$133,100	2	$300	
Egress Lighting								
Emergency, Battery	50%			2023	$80,800	10	$14,500	
Exit, Service	50%			2023	$16,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - BK / P.S. 721 (OTC)

Asset # : 1364

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$439,900	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$21,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of Oil #2 Capacity Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$29,200	2028	* *	1	$106,800	
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : #2 Boiler Re-tubing Is Scheduled To Start Soon								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,700	2033	* *	4	$5,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Terminal Devices								
Air Handler	35%	Now	$11,300	2023	$226,100	1	$23,300	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Pneumatic Controls, Throughout In Brooklyn Studio								
Convector/Radiator	65%			2028	* *	1	$25,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$123,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$26,700	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - BK / P.S. 721 (OTC)

Asset # : 1364

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	35%			2023	$46,400	2	$1,300	
Roof	5%			2023	$4,800	2	$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$27,900	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 128 - M**
Address : **560 WEST 169 STREET BTWN: AUDUBON AVE., BROADWAY**
Borough : **MANHATTAN** | **Agency's Number** : **M128**
Program / Asset # : **BOE0075.000 / 1721** | **Yr Built/Renovated** : **1961 / 2014**
Area Sq Ft : **107,000** | **Project Type** : **EDUCATION**
Date of Survey : **11-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2125** **Lot** : **1** | **BIN** : **1083509**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$191,300	$88,500
Interior Architecture	$72,300	$1,183,500
Electrical	$149,200	$845,800
Mechanical	$27,400	$1,295,400
Total	**$440,200**	**$3,413,200**
Importance Code A	$191,300	$668,100
Importance Code B	$248,800	$2,745,100
Total	**$440,200**	**$3,413,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$49,200			
Interior Architecture	$118,100		$47,500	$13,400
Electrical	$20,800	$8,200	$11,700	$8,900
Mechanical	$27,600	$23,600	$27,300	$25,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$219,600**	**$35,800**	**$90,500**	**$51,300**
Importance Code A	$60,100	$10,900	$10,900	$10,900
Importance Code B	$89,300	$24,800	$79,600	$40,300
Importance Code C	$70,200			
Total	**$219,600**	**$35,800**	**$90,500**	**$51,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$47,700	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	87%			LIFE	* *	5	$176,900	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal/Glass Curt Wall	10%			LIFE	* *	5	$38,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2051	* *	5	$21,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$73,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	8%			LIFE	* *	5	$12,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Slate	2%			LIFE	* *	5	$500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$39,900	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%	0-2	$4,800	2035	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$5,200	
Vinyl Tile	25%			2031	* *	3	$15,500	
Vinyl Tile 9" X 9"	65%			2026	$1,183,500	3	$53,700	
Wood	5%			2041	* *	5	$15,500	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$29,200	
Masonry: Brick	5%			LIFE	* *	10	$2,200	
Marble Panels	5%			LIFE	* *	10	$2,900	
Plaster	40%			LIFE	* *	5-10	$49,700	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$18,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2039	* *	5	$33,000	
AcousTileConcealSpLn	25%			2039	* *	5	$51,600	
Exposed Concrete	40%			LIFE	* *	5-10	$82,600	
Plaster	15%			LIFE	* *	5-10	$42,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Services Rated @ 1200 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	75%			2046	* *	5	$300	
Molded Case Bkrs	25%			2026	$48,900	5	$700	
Raceway								
Conduit	50%			2026	$104,300	1		
Conduit	50%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2042	* *	5	$500	
Molded Case Bkrs	50%			2025	$89,700	5	$1,400	
Molded Case Bkrs	30%			2042	* *	5	$800	
Wiring								
Braided Cloth	50%	2-4	$149,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$400	
Locally Mounted	50%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$32,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%	Now	$12,100	2035	* *	1	$37,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Caterpillar Genset Rated @ 250 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$4,000	
Fuel Storage								
Main Tank	100%			2054	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 75 Gal								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$99,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
LED	2%			2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Led								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$13,300	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$404,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$8,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$272,000	5	$34,200	
Conversion Equipment								
Steam Boiler	100%			2024	$537,600	1	$109,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2034	* *	4	$1,600	
Steam Piping/Pump	80%			2036	* *	4	$4,400	
Terminal Devices								
Air Handler	20%			2026	$119,100	1	$13,700	
Convector/Radiator	80%			2031	* *	1	$28,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$75,000	1	$10,200	
Window/Wall Unit	30%			2021	$68,100	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2036	* *	4	$1,100	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$87,400	1	$13,700	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2026	$66,000	2	$15,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$97,500	
Exhaust Fans								
Interior	20%			2026	$24,400	2	$700	
Roof	80%			2026	$70,200	2	$2,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Oil Fired	100%			2021	$34,300	1	$3,200	
HW Heat Exchanger								
Low Temp	100%	Now	$700	2036	* *	4	$10,900	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Circulating Pump, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - M

Asset # : 1721

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : M, 1-3 New Wing								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2046	* *	1-5	$11,100	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 128 - Q**				
Address	: **69-26 65TH DRIVE BTWN: 70 ST., 69 PL.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q128**	
Program / Asset #	: **BOE0776.000 / 2534**		**Yr Built/Renovated**	: **2009 /**	
Area Sq Ft	: **94,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **05-Dec-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3027**	**Lot** : **37**	**BIN**	: **4070445**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$86,200
Total		**$86,200**
Importance Code B		$86,200
Total		**$86,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$96,600	$2,900		
Interior Architecture	$50,300	$8,700	$4,700	
Electrical	$11,100	$9,100	$7,600	$7,600
Mechanical	$28,700	$17,000	$24,200	$16,200
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$198,600**	**$49,700**	**$48,300**	**$35,700**
Importance Code A	$101,400	$7,600	$4,600	$4,600
Importance Code B	$61,800	$42,100	$41,300	$31,000
Importance Code C	$35,300		$2,400	
Total	**$198,600**	**$49,700**	**$48,300**	**$35,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 2534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$38,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%			2048	* *	5	$5,900	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$51,600	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$19,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
IRMA/Protected Membrane	100%	Now	$31,900	2034	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Fourth Floor Girls Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor Girls Bathroom								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$9,200	
Ceramic Tile	5%			2039	* *	5	$1,100	
Quarry Tile	5%			2043	* *	5	$1,600	
Vinyl Tile	70%			2034	* *	3	$5,500	
Wood	10%			2061	* *	5	$4,000	
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$4,700	
Concrete Masonry Unit	35%			LIFE	* *	5	$13,300	
Gypsum Board	55%			LIFE	* *	5-10	$44,400	
Ceilings								
AcousTileSusp.Lay-In	75%			2043	* *	5	$15,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$2,100	
Gypsum Board	15%			LIFE	* *	5-10	$10,900	
Metal Panel	5%			LIFE	* *	5	$2,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 2534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$2,500	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$28,900	
Generators								
Diesel	100%			2039	* *	1	$36,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Location								
Explanation : No Rating Available								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$3,500	
Fuel Storage								
Main Tank	100%			2061	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$83,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2034	* *	10	$2,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Auditorium And Gym								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,800	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 2534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Smoke Detector, Strobe Lights, Manual Pull Station, Horns, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$46,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Package Units, #3 Unit Is Under Repair								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Package Units, 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$16,200	LIFE	* *	2-5	$52,400	
Broken, Extent : Moderate, Area Affected : 3%								
Location : Motor Of Louver In Hot Water Heater Room Penthouse								
Exhaust Fans								
Roof	100%			2034	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 2534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$21,900	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hot Water Heater Room, Penthouse								
Explanation : 400 Gal Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-4 (1) C-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$26,300	
Fire Pump								
Generic	100%			2035	* *	1	$17,600	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 128 - Q**				
Address	: **69-10 65TH DRIVE @ 70TH ST.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q247**
Program / Asset #	: **BOE1093.000 / 14444**			**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **94,526**			**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2,3,4**				
Block	: **3027**	**Lot**	: **37**	**BIN**	: **4070445**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,900	$333,000
Interior Architecture	$101,200	$181,700
Electrical		$86,700
Total	**$147,100**	**$601,400**
Importance Code A	$45,900	$333,000
Importance Code B	$101,200	$187,900
Importance Code C		$80,500
Total	**$147,100**	**$601,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,500			
Interior Architecture	$44,900	$68,100		$12,700
Electrical	$9,200	$7,600	$7,600	$13,700
Mechanical	$21,500	$12,500	$23,600	$16,900
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$96,000**	**$100,100**	**$43,100**	**$55,100**
Importance Code A	$13,200	$4,700	$4,700	$4,700
Importance Code B	$82,800	$76,200	$38,400	$50,400
Importance Code C		$19,200		
Total	**$96,000**	**$100,100**	**$43,100**	**$55,100**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	$45,900	LIFE	* *	5	$7,600	
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Columns At East Side								
Masonry: Brick Cavity	90%			LIFE	* *	5	$136,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$24,700	
Windows								
Aluminum	100%			2047	* *	5	$17,000	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$75,000	
Masonry: Brick Cavity	50%			LIFE	* *	5	$8,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
IRMA/Protected Membrane	100%			2033	* *	10	$121,100	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$28,100	LIFE	* *	5	$29,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Ceramic Tile	5%			2038	* *	5	$13,500	
Traffic Topping	10%			2033	* *	5	$33,700	
Vinyl Tile	75%			2033	* *	3	$75,900	
Wood	5%			2060	* *	5	$25,300	
Interior Walls								
Ceramic Tile	20%			2038	* *	5	$38,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,700	
Gypsum Board	70%			LIFE	* *	5	$80,500	
Ceilings								
AcousTileConcealSpLn	10%			2042	* *	5	$33,700	
AcousTileSusp.Lay-In	75%			2042	* *	5	$202,500	
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$16,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	15%			2047	* *	5	$300	
Molded Case Bkrs	85%			2047	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$29,100	
Generators								
Diesel	100%			2038	* *	1	$36,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Nameplate Rating Available								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,500	
Fuel Storage								
Main Tank	100%			2060	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	* *	10	$85,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, LED	50%			2060	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$2,800	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Horns, Smoke Detectors, Strobe Lights And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	100%			2033	* *	1	$46,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Units								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	* *	2	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Units, R-407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,700	
Exhaust Fans								
Roof	100%			2033	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,000	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 128 - Q

Asset # : 14444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-4 (1) C-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$26,500	
Fire Pump								
Generic	100%			2034	* *	1	$17,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 129 - M**
Address : **425 WEST 130 STREET BTWN: ST NICHOLAS TER. CONVENT**
Borough : **MANHATTAN** | **Agency's Number** : **M129**
Program / Asset # : **BOE0076.000 / 1722** | **Yr Built/Renovated** : **1958 / 2005**
Area Sq Ft : **85,000** | **Project Type** : **EDUCATION**
Date of Survey : **09-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1957** **Lot** : **10** | **BIN** : **1059407**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$158,800	$764,500
Interior Architecture	$493,900	$166,500
Electrical	$217,200	$1,908,300
Mechanical	$60,900	$663,600
Total	**$930,800**	**$3,502,900**
Importance Code A	$158,800	$1,214,900
Importance Code B	$732,200	$2,288,000
Importance Code C	$39,700	
Total	**$930,800**	**$3,502,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$84,500		$3,700	
Interior Architecture	$81,300		$13,500	$10,900
Electrical	$30,300	$1,000	$1,200	$1,900
Mechanical	$51,500	$13,200	$19,200	$14,300
Total	**$247,700**	**$14,200**	**$37,600**	**$27,200**
Importance Code A	$93,100	$8,600	$12,300	$8,600
Importance Code B	$125,900	$5,500	$25,200	$16,600
Importance Code C	$28,600			$2,000
Total	**$247,700**	**$14,200**	**$37,600**	**$27,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$37,200	
Masonry: Brick	83%			LIFE	* *	5	$131,700	
Masonry: Limestone	3%	Now	$26,000	LIFE	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Window Sills At South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	2%			2036	* *	5-10	$10,900	
Metal: Cage/Fence	5%	2-4	$900	2031	* *	5	$8,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Hinges								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Street Level								
Explanation : Window Guards								
Granite Panels	2%			LIFE	* *	5	$2,400	
Windows								
Aluminum	93%			2042	* *	5	$27,500	
Glass Block	5%			LIFE	* *	5	$1,800	
Steel	2%			2034	* *	5	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Workshop, Boiler Room								
Explanation : Original Windows								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$108,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Interior Face								
Masonry: Limestone	5%			LIFE	* *	5-10	$10,200	
Roof								
Copper/Terne	5%			2041	* *	10	$11,500	
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Corners Of Roof Penetrations								
IRMA/Protected Membrane	95%	Now	$14,000	2026	$698,700			
Expansion Jnt Failure, Extent : Severe, Area Affected : 5%								
Location : Rooftop								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 308 @ Expansion Joint, At Stair Bulkhead								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$28,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2035	* *	5	$6,500	
Terrazzo	5%			LIFE	* *	5	$10,200	
Vinyl Tile	45%			2031	* *	3	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floor Corridors And Stair Landings								
Explanation : Corridors								
Vinyl Tile	15%	Now	$33,300	2026	$166,500	3	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Vinyl Tile 9" X 9"	20%	Now	$287,500	2036	* *	3	$9,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	5%			2054	* *	5	$12,200	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,500	
Diagonal Cracks, Extent : Light, Area Affected : 15%								
Location : Basement								
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,900	
Marble Panels	2%			LIFE	* *	10	$1,100	
Plaster	55%			LIFE	* *	5-10	$61,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,400	
Ceilings								
AcousTile,Adhered	25%	Now	$60,300	2031	* *	5	$16,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor, 1st Floor								
Exposed Concrete	50%			LIFE	* *	5-10	$81,000	
Plaster	15%			LIFE	* *	5-10	$33,400	
Plaster	10%			LIFE	* *	5-10	$22,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium / Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,200	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Molded Case Bkrs	80%			2025	$143,500	5	$1,800	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$217,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$72,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2036	* *	10	$4,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$58,800	10	$10,500	
Exit, Service	50%			2021	$11,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2021	$321,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,500	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$880,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #4 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2024	$424,500	1	$86,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- #4 Oil Burning Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$60,900	2056	* *	4	$400	
Leak Evident, Extent : Light, Area Affected : 15%								
Location : Defective Steam Traps And Climate Control System								
Steam Piping/Pump	90%			2036	* *	4	$3,900	
Terminal Devices								
Air Handler	6%	0-2	$1,400	2021	$28,200	1	$2,900	
Noisy/Vibrating, Extent : Light, Area Affected : 100%								
Location : Second Floor Fan Room, Defective Fan Bearing								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Room								
Air Handler	14%			2021	$65,800	1	$7,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Fan Room								
Convector/Radiator	80%			2031	* *	1	$22,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$9,000	2021	$89,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms, Multiple Mechanical & Or Electrical Defects								
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 129 - M

Asset # : 1722

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,000	
Exhaust Fans								
Interior	20%			2026	$19,300	2	$500	
Roof	80%	0-2	$1,100	2026	$55,500	2	$1,700	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof, 1 Of 10 Defective Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2036	* *	1		
Not Insulated, Extent : Light, Area Affected : 10%								
Location : Basement								
Galv Iron/Steel	10%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$20,300	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious With Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Area								
Explanation : Serves Storage Area Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 129 - Q**		
Address	: **128-02 7TH AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q129**
Program / Asset #	: **BOE0777.000 / 1561**	**Yr Built/Renovated**	: **1933 / 2001**
Area Sq Ft	: **97,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **3976** **Lot** : **1**	**BIN**	: **4096774**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$58,900	$353,200
Interior Architecture	$596,600	$85,900
Electrical	$122,300	$1,163,900
Mechanical	$81,800	$311,500
Total	**$859,500**	**$1,914,500**
Importance Code A	$58,900	$353,200
Importance Code B	$800,700	$1,561,300
Total	**$859,500**	**$1,914,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,400
Interior Architecture		$29,600	$7,500	$4,700
Electrical	$11,600	$8,900	$8,300	$20,600
Mechanical	$34,800	$24,300	$39,000	$55,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$54,300**	**$70,700**	**$62,600**	**$99,700**
Importance Code A	$9,900	$9,900	$9,900	$21,500
Importance Code B	$44,400	$60,800	$49,000	$78,300
Importance Code C			$3,700	
Total	**$54,300**	**$70,700**	**$62,600**	**$99,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	58%			LIFE	* *	5	$59,100	
Masonry: Brick Cavity	35%			LIFE	* *	5	$35,700	
Masonry: Granite	2%			LIFE	* *	5	$1,500	
Masonry: Limestone	5%			LIFE	* *	5	$3,800	
Windows								
Aluminum	97%			2041	* *	5	$34,900	
Metal Louvers	3%			2034	* *	10	$6,700	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$9,200	
Masonry: Brick Cavity	30%			LIFE	* *	5	$4,600	
Masonry: Limestone	2%			LIFE	* *	5	$400	
Metal Panel	3%			2045	* *	5	$1,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	55%			2025	$212,100	10	$46,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : At Flashing								
Copper/Terne	5%			2040	* *	10	$10,500	
Modified Bitumen	40%	Now	$58,900	2030	* *			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Over 4th Floor								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over 4th Floor								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,600	
Ceramic Tile	5%			2034	* *	5	$7,400	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	20%			2030	* *	3	$11,200	
Vinyl Tile 9" X 9"	25%	Now	$410,100	2035	* *	3	$14,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : 1935 Wing								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : 1935 Wing								
Wood	35%			2053	* *	5	$97,700	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$7,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$9,000	
Gypsum Board	15%			LIFE	* *	5	$13,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$15,700	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	2-4	$137,600	2045	* *	5	$7,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
AcousTileSusp.Lay-In	35%			2038	* *	5	$51,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$18,500	
Plaster	40%			LIFE	* *	5	$37,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 416, 418, 462								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 1600 Amperes And 1200 Amperes Respectively								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	65%			2045	* *	1		
Conduit	35%			2025	$60,400	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	55%			2041	* *	5	$1,400	
Molded Case Bkrs	35%			2024	$62,800	5	$900	
Wiring								
Braided Cloth	30%	2-4	$76,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2045	* *	1		
Motor Controllers								
Locally Mounted	95%			2038	* *	5	$600	
Locally Mounted	5%	2-4	$3,800	2045	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$29,800	
Generators								
Diesel	100%			2034	* *	1	$37,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Genset Rated @ 250 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$21,600	
Fuel Storage								
Day Tank	50%			2041	* *	5	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 120 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2030	* *	10	$45,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	49%			2025	$541,600	10	$44,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Building								
Explanation : T-12 Lamps								
Incandescent	1%			2025	$11,100	2		
Egress Lighting								
Emergency, Service	25%			2030	* *	1		
Emergency, Battery	25%			2025	$33,600	10	$6,000	
Exit, Service	25%			2030	* *	1		
Exit, Service	25%			2025	$6,700	1		
Exterior Lighting								
HID	100%			2025	$366,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$88,000	1	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm Only								

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DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$98,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,900	
Terminal Devices								
Air Handler	15%			2025	$80,500	1	$9,200	
Air Handler	25%			2030	* *	1	$15,400	
Convector/Radiator	30%			2030	* *	1	$9,600	
Convector/Radiator	30%			2038	* *	1	$9,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2025	$101,300	1	$13,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	40%			2020	$81,800	1		
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$2,200	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$18,500	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2025	$41,700	2	$20,800	
No Component	70%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 129 - Q

Asset # : 1561

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,500	
Exhaust Fans								
Interior	80%			2025	$88,000	2	$2,400	
Roof	20%			2025	$15,800	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$23,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-4							
	Explanation : 2 Units							
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$15,000	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$8,400	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$5,600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 130 - BK**		
Address	: **70 OCEAN PARKWAY @ E.5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K130**
Program / Asset #	: **BOE0436.000 / 2751**	**Yr Built/Renovated**	: **1903 / 2006**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5319** **Lot** : **1**	**BIN**	: **3124019**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$207,400	$71,500
Interior Architecture	$564,500	
Electrical	$283,100	$312,900
Mechanical		$384,700
Total	**$1,055,000**	**$769,200**
Importance Code A	$207,400	$71,500
Importance Code B	$596,900	$697,700
Importance Code C	$250,700	
Total	**$1,055,000**	**$769,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$64,500			
Interior Architecture	$79,800	$3,200		$7,200
Electrical	$20,300	$500	$500	$5,500
Mechanical	$6,200	$6,900	$10,600	$20,100
Total	**$170,800**	**$10,600**	**$11,100**	**$32,700**
Importance Code A	$69,000	$4,500	$4,500	$4,600
Importance Code B	$71,500	$6,100	$6,600	$28,200
Importance Code C	$30,400			
Total	**$170,800**	**$10,600**	**$11,100**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$34,200	LIFE	* *	5	$32,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	Now	$107,800	LIFE	* *	5	$71,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$6,300	
Windows								
Aluminum	100%	2-4	$99,600	2041	* *	5	$11,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$7,800	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$13,300	LIFE	* *	5	$4,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	10%			2053	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$1,900	
Roof								
Copper/Terne	5%	Now	$1,600	2040	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Single Ply Membrane	95%	Now	$7,500	2030	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$3,300	2028	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%	Now	$97,300	2045	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	65%	Now	$149,800	2030	* *	3	$16,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Auditorium And Throughout								
Vinyl Tile	20%			2035	* *	3	$6,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2053	* *	5	$6,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$11,600	2028	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$18,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	5%	Now	$63,400	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$2,500	
Masonry: Brick	5%	Now	$49,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Perimeter Wall Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room Throughout								
Metal Panel	2%			LIFE	* *			
Plaster	68%	0-2	$138,000	LIFE	* *	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$6,300	2038	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$5,500	2030	* *	5	$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%	Now	$32,700	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement, Area Under Sidewalk Near Main Entrance								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement, Area Under Sidewalk Near Main Entrance								
Plaster	75%	Now	$66,700	LIFE	* *	5	$31,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	40%			2045	* *	5	$100	
Fused Knife Sw	60%	2-4	$73,300	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	90%			2025	$62,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Fused Toggle Switch	10%	2-4	$10,500	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2024	$20,900	5	$200	
Molded Case Bkrs	60%			2041	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$73,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$22,700	5	$100	
Locally Mounted	50%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$40,700	
Recent Installation, Extent : Light, Area Affected : 98%								
Location : Throughout								
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	1%			2035	* *	10		
Incandescent	1%			2020	$5,000	2		
Egress Lighting								
Emergency, Battery	30%			2025	$18,300	10	$3,300	
Exit, Service	70%			2025	$8,500	1		
Exterior Lighting								
HID	100%			2025	$166,200	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$3,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$136,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK

Asset # : 2751

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$44,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$2,200	
Terminal Devices								
Convector/Radiator	90%			2023	$384,700	1	$13,200	
Unit Heater-Stm/HW	10%			2025	$29,200	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$14,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,200	
Exhaust Fans								
Interior	10%			2030	* *	2	$100	
Roof	90%			2030	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$27,000	1		
Water Heater								
Gas Fired	100%			2023	$10,500	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 130 - BK ANNEX**		
Address	: **70 OCEAN PARKWAY @ E.5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K130**
Program / Asset #	: **BOE0436.010 / 13437**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **6,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **5319** **Lot** : **1**	**BIN**	: **3124019**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$62,800
Total		**$62,800**
Importance Code A		$62,800
Total		**$62,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,600			
Interior Architecture	$28,100		$700	$1,000
Electrical		$100		$5,700
Mechanical	$300	$400	$800	$400
Total	**$41,000**	**$500**	**$1,500**	**$7,000**
Importance Code A	$12,900	$300	$300	$300
Importance Code B	$28,100	$200	$1,000	$6,700
Importance Code C			$200	
Total	**$41,000**	**$500**	**$1,500**	**$7,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK ANNEX

Asset # : 13437

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$9,400	
Windows								
Aluminum	100%			2041	* *	5	$1,400	
Parapets								
Metal Security Bars	100%			2053	* *			
Roof								
Single Ply Membrane	100%	Now	$12,600	2025	$62,800			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,000	
Ceramic Tile	10%			2034	* *	5	$900	
Vinyl Tile	85%	0-2	$6,600	2030	* *	3	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$400	
Concrete Masonry Unit	70%			LIFE	* *	5	$2,300	
Gypsum Board	25%			LIFE	* *	5	$1,200	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$21,500	2038	* *	5	$4,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BK ANNEX

Asset # : 13437

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$500	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$18,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Roof Top Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units On Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,400	
Exhaust Fans								
Roof	100%			2030	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 130 - BX**		
Address	: **750 PROSPECT AVENUE BTWN: EAST 156 ST,**		
Borough	: **BRONX**	**Agency's Number**	: **X130**
Program / Asset #	: **BOE0268.000 / 201**	**Yr Built/Renovated**	: **1956 / 2002**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2688** **Lot** : **1**	**BIN**	: **2005168**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$671,900	$226,700
Interior Architecture	$511,100	$67,700
Electrical	$285,700	$1,079,700
Mechanical		$75,200
Total	**$1,468,700**	**$1,449,300**
Importance Code A	$671,900	$260,000
Importance Code B	$796,800	$1,189,300
Total	**$1,468,700**	**$1,449,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,600		$6,800	
Interior Architecture	$79,200		$4,600	$10,500
Electrical	$21,300		$200	$700
Mechanical	$96,700	$13,500	$29,200	$10,000
Total	**$247,800**	**$13,500**	**$40,800**	**$21,100**
Importance Code A	$57,500	$6,900	$13,700	$6,900
Importance Code B	$147,700	$6,500	$27,100	$11,600
Importance Code C	$42,600			$2,600
Total	**$247,800**	**$13,500**	**$40,800**	**$21,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$88,900	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 20%								
Location : Kindergarden								
Masonry: Brick Cavity	9%	Now	$21,400	LIFE	* *	5	$5,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Masonry: Limestone	3%			LIFE	* *	5	$2,900	
Metal/Glass Curt Wall	15%			LIFE	* *	5	$35,700	
Granite Panels	3%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%	Now	$198,100	2042	* *	5	$11,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$82,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$16,900	
Roof								
Built-Up (BUR)	10%			2031	* *	10	$7,400	
IRMA/Protected Membrane	55%	Now	$323,600	2036	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Over Kindergarden And Third Floor Roofs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Kindergarden, Room 328 And Various Others								
IRMA/Protected Membrane	30%	Now	$35,300	2026	$176,500			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium And Gymnasium								
Metal Panel	5%			2039	* *	10	$6,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$10,900	LIFE	* *	5	$22,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2035	* *	5	$5,200	
Terrazzo	5%			LIFE	* *	5	$8,200	
Vinyl Tile	35%			2031	* *	3	$13,700	
Vinyl Tile 9" X 9"	40%	Now	$460,000	2036	* *	3	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2041	* *	5	$9,800	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$5,300	
Concrete Masonry Unit	65%			LIFE	* *	5	$54,700	
Marble Panels	5%			LIFE	* *	10	$2,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$13,100	
Ceilings								
AcousTileConcealSpLn	30%			2031	* *	5	$38,900	
Exposed Concrete	45%			LIFE	* *	5-10	$58,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kindergarden, Room 328 And Various Others								
Exposed Struc: Steel	5%			LIFE	* *	10	$10,400	
Fiber Board	10%			2026	$67,700			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Plaster	10%			LIFE	* *	5-10	$17,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$33,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2051	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Fused Toggle Switch	10%	2-4	$13,500	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	65%			2025	$87,400	5	$1,200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$61,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	4%			2021	$31,000	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$17,200	1		
Exit, Service	50%			2021	$9,400	1		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$704,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$21,600	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$69,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$24,400	2036	* *	4	$3,400	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	0-2	$1,500	2026	$75,200	1	$7,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Coils								
Convector/Radiator	80%	Now	$26,400	2031	* *	1	$16,200	
Broken, Extent : Severe, Area Affected : 20%								
Location : Defective Radiator Control Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2019	$7,200	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,600	
Exhaust Fans								
Interior	40%			2026	$30,800	2	$900	
Roof	60%			2021	$33,300	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2046	* *	1		
Galv Iron/Steel	95%	0-2	$4,000	2031	* *	1		
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Defective Domestic Water Isolation Valve In Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	$10,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Water Backs Up, Rear Yard								
Cracked, Extent : Light, Area Affected : 5%								
Location : Cracked Roof Runoff Water Pipe Elbow In Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - BX

Asset # : 201

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 130 - M**
Address : **143 BAXTER STREET @ HESTER ST.**
Borough : **MANHATTAN**
Agency's Number : **M130**
Program / Asset # : **BOE0077.000 / 1723**
Yr Built/Renovated : **1921 / 2008**
Area Sq Ft : **95,065**
Project Type : **EDUCATION**
Date of Survey : **23-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,p**
Block : **236** **Lot** : **38** **BIN** : **1003086**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$344,200	$778,600
Interior Architecture	$246,600	$35,600
Electrical	$84,600	
Mechanical	$87,900	$985,700
Total	**$763,400**	**$1,799,900**
Importance Code A	$344,200	$778,600
Importance Code B	$419,200	$1,021,300
Total	**$763,400**	**$1,799,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,800	$2,000	$8,000	
Interior Architecture	$79,500		$6,200	$7,100
Electrical	$11,500	$20,500	$14,400	$8,200
Mechanical	$92,100	$59,500	$45,500	$24,900
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$254,800**	**$87,900**	**$80,100**	**$46,200**
Importance Code A	$75,200	$11,700	$17,400	$9,400
Importance Code B	$134,000	$76,200	$62,700	$36,800
Importance Code C	$45,600			
Total	**$254,800**	**$87,900**	**$80,100**	**$46,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$47,000	
Cast Stone/Terra Cotta	5%	Now	$42,600	LIFE	* *	5	$47,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,500	
Masonry: Brick	35%			LIFE	* *	5	$42,100	
Masonry: Brick	35%			LIFE	* *	5	$42,100	
Masonry: Brick	5%	Now	$9,100	LIFE	* *	5	$6,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	5	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Explanation : Stucco On Brick								
Windows								
Aluminum	40%			2039	* *	5	$16,100	
Metal Louvers	2%			2032	* *	10	$5,000	
Wood	20%	Now	$225,300	2048	* *	5	$40,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : 1921 Wing								
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : 1921 Wing								
Split/Cracked, Extent : Moderate, Area Affected : 40%								
Location : 1921 Wing								
Wood	38%			2022	$428,100	5	$152,500	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,400	
Masonry: Brick	20%			LIFE	* *	5	$4,200	
Masonry: Brick	45%			LIFE	* *	5	$9,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	10%	Now	$12,200	LIFE	* *	5	$2,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Masonry: Brick	5%			LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : East Facade								
Explanation : Stucco On Brick								
Metal Panel	5%			2043	* *	5	$4,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	20%	Now	$13,100	2023	$43,700			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$4,400	
Plaza Roof: Stone Panels	65%			2043	* *			
Plaza Roof: Stone Panels	10%	Now	$31,400	2033	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Throughout Gymnasium								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$7,400	LIFE	* *	5	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$7,100	
Quarry Tile	5%			2036	* *	5	$10,700	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	40%	Now	$96,800	2028	* *	3	$21,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2028	* *	3	$18,700	
Wood	5%			2051	* *	5	$13,300	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,600	
Concrete Masonry Unit	25%			LIFE	* *	5	$13,200	
Glass Block	2%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$7,900	
Granite Panels	3%	Now	$31,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%			LIFE	* *	5	$11,900	
Plaster	10%	Now	$10,600	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$17,800	
Embossed Metal	5%			LIFE	* *	5	$3,200	
Exposed Concrete	10%	Now	$22,900	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Tank Room								
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Exposed Struc: Steel	10%	Now	$149,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	20%			LIFE	* *	5	$35,600	
Plaster	35%			LIFE	* *	5	$31,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps And1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 30 Kva 480hv-220/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2039	* *	5	$300	
Molded Case Bkrs	85%			2039	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	5%			2036	* *	5		
Motor Control Center	95%			2036	* *	5	$2,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$29,300	
Generators								
Diesel	100%			2032	* *	1	$36,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 139 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2039	* *	5	$8,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2051	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Gals								
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$84,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$11,500	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5,000 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$94,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,200	2033	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2023	$205,000	1	$23,500	
Convector/Radiator	60%			2028	* *	1	$18,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2023	$161,300	1	$22,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 4 Units								
Ext Pkg Unit - Cooling	5%			2023	$21,900	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Gymnasium Roof Top Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium Area								
Explanation : One Package Unit								
Window/Wall Unit	45%			2018	$87,900	1		
Distribution								
Chilled Wtr Pipe/Pump	50%			2043	* *	4	$2,300	
Ductwork/Diffusers	5%			LIFE	* *	2	$6,200	
No Component	45%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2023	$201,900	1	$29,400	
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2023	$284,000	2	$33,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - M

Asset # : 1723

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,000	
Exhaust Fans								
Interior	60%			2023	$63,100	2	$1,700	
Roof	40%			2023	$30,200	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$14,200	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Booster Pump With Tank, Basement								
Water Heater								
Gas Fired	100%			2018	$22,100	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 900 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2028	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C : 6th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$47,900	
Sprinkler								
Generic	100%			2033	* *	1-2	$26,600	
Dry System, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Fire Pump								
Generic	100%			2026	$70,400	1	$17,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 130 - Q**
Address : **200-01 42 AVENUE @ FRANCIS LEWIS BLVD.**
Borough : **QUEENS** | **Agency's Number** : **Q130**
Program / Asset # : **BOE0778.000 / 1562** | **Yr Built/Renovated** : **1925 / 2001**
Area Sq Ft : **62,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **6203** **Lot** : **1** | **BIN** : **4137034**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$512,100	$212,700
Interior Architecture	$59,200	$365,200
Electrical	$570,000	$1,085,000
Mechanical	$267,000	$37,200
Total	**$1,408,300**	**$1,700,200**
Importance Code A	$512,100	$249,700
Importance Code B	$896,300	$1,450,500
Total	**$1,408,300**	**$1,700,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$5,000
Interior Architecture		$5,400	$8,600	$23,900
Electrical	$10,200	$800	$1,400	$16,000
Mechanical	$50,600	$12,700	$17,600	$27,000
Total	**$60,800**	**$18,900**	**$27,500**	**$71,900**
Importance Code A	$6,300	$6,300	$6,300	$11,400
Importance Code B	$54,500	$12,600	$19,400	$60,400
Importance Code C			$1,800	
Total	**$60,800**	**$18,900**	**$27,500**	**$71,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$23,700	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$15,800	
Masonry: Brick	73%	Now	$223,100	LIFE	* *	5	$73,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1925 Wing, Chimney Stack								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Bulkheads								
Masonry: Brick Cavity	15%			LIFE	* *	5	$15,200	
Masonry: Granite	5%			LIFE	* *	5	$3,800	
Masonry: Marble	2%			LIFE	* *	5	$1,500	
Windows								
Aluminum	100%			2041	* *	5	$30,100	
Parapets								
Masonry: Brick	70%	Now	$105,100	LIFE	* *	5	$9,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1925 Wing								
Masonry: Limestone	2%			LIFE	* *	5	$300	
Metal Rail	25%			2030	* *	5-10	$58,800	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,500	
Roof								
Built-Up (BUR)	65%	0-2	$148,200	2035	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Exit 7								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Over 1925 Wing								
Built-Up (BUR)	10%			2030	* *	10	$5,000	
IRMA/Protected Membrane	25%			2025	$99,200	10	$12,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$20,900	
Ceramic Tile	3%			2034	* *	5	$2,900	
Marble Panels	2%			LIFE	* *	5	$1,400	
Traffic Topping	5%	Now	$59,200	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	45%			2025	$365,200	3	$16,100	
Vinyl Tile	20%			2030	* *	3	$7,200	
Vinyl Tile	5%			2033	* *	3	$1,800	
Wood	10%			2040	* *	5	$17,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Glazed Ceramic Panel	2%			LIFE	* *			
Gypsum Board	13%			LIFE	* *	5	$9,300	
Gypsum Board	5%			LIFE	* *	5	$3,600	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Marble Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,600	
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$29,800	
AcousTileSusp.Lay-In	5%			2038	* *	5	$4,800	
Exposed Concrete	25%			LIFE	* *	5	$3,700	
Fiber Board	5%			2025	$31,200			
Gypsum Board	5%			LIFE	* *	5	$6,000	
Plaster	35%			LIFE	* *	5	$20,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Near Exit E								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2024	$107,600	5	$1,300	
Wiring								
Braided Cloth	50%	2-4	$86,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	40%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2030	* *	5	$300	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	87%			2025	$616,300	10	$50,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	12%			2030	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	1%			2025	$7,100	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$7,700	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$234,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$56,300	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$192,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$19,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,300	2035	* *	4	$3,100	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : #2 Boiler Head Valve, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%			2020	$68,800	1	$7,900	
Convector/Radiator	60%			2030	* *	1	$12,400	
Fan Coil Unit/Heat	10%			2020	$95,500	1	$2,100	
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : 1st Floor Hallway								
Explanation : There Are No Heating Devices In 1st Floor Hallway								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$39,300	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,600	
Exhaust Fans								
Interior	90%			2020	$63,400	2	$1,800	
Roof	10%			2025	$5,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2023	$9,900	4	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 50 Gallon - Under Sized Unit								
HW Heat Exchanger								
Low Temp	100%	Now	$4,000	2035	* *	4	$6,300	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : Coil Is Clogged, Mixing Valve Is Malfunctioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 130 - Q

Asset # : 1562

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$6,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Main Sewer Line From Rest Room To Basement Lunch Room. Water Backup From Kitchen Waste								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2030	* *	4	$1,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Valve								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Explanation : Under Sized Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$37,200	1-2	$900	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 131 - BK**		
Address	: **4305 FT HAMILTON PKWY BTWN: 43 ST., 44 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K131**
Program / Asset #	: **BOE0437.000 / 1365**	**Yr Built/Renovated**	: **1901 / 2005**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5603** **Lot** : **1**	**BIN**	: **3136085**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,556,400	$199,800
Interior Architecture	$837,900	$693,700
Electrical		$2,378,900
Mechanical		$1,238,600
Total	**$3,394,300**	**$4,510,900**
Importance Code A	$2,556,400	$236,800
Importance Code B	$585,700	$4,274,100
Importance Code C	$252,200	
Total	**$3,394,300**	**$4,510,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$106,400			
Interior Architecture	$96,000		$2,000	$10,800
Electrical	$2,200	$600	$1,000	$1,600
Mechanical	$40,800	$15,000	$19,700	$17,000
Total	**$245,400**	**$15,600**	**$22,600**	**$29,400**
Importance Code A	$115,200	$8,800	$8,800	$8,800
Importance Code B	$103,700	$6,900	$13,900	$20,600
Importance Code C	$26,500			
Total	**$245,400**	**$15,600**	**$22,600**	**$29,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	5%	Now	$378,100	LIFE	* *		5	$60,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Masonry: Brick	90%	Now	$1,261,200	LIFE	* *		5	$139,300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Expansion Jnt Failure, Extent : Light, Area Affected : 30%									
Location : Throughout									
Masonry: Limestone	5%	0-2	$169,100	LIFE	* *		5	$5,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Windows									
Aluminum	100%	Now	$560,500	2042	* *		5	$22,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Hardware Missing, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Parapets									
Cast Stone/Terra Cotta	5%	Now	$33,800	LIFE	* *		5	$5,600	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Copper/Terne	10%	Now	$24,900	2061	* *		5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%									
Location : Throughout									
Masonry: Brick	75%	Now	$187,500	LIFE	* *		5	$10,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%									
Location : Throughout									
Metal Cornice	5%	Now	$8,500	2054	* *				
Deformed/Dented, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Pre-Cast Concrete	5%	Now	$5,200	LIFE	* *		5	$4,500	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Expansion Jnt Failure, Extent : Severe, Area Affected : 30%									
Location : Throughout									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	20%			2035	* *	10	$1,800	
Built-Up (BUR)	60%	Now	$30,400	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Copper/Terne	5%	Now	$3,700	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Modified Bitumen	15%			2031	* *	10	$8,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,000	
Ceramic Tile	3%	Now	$23,100	2035	* *	5	$2,000	
Loose Units, Extent : Moderate, Area Affected : 30%								
Location : Toilet(s)								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Quarry Tile	2%			2039	* *	5	$4,000	
Vinyl Tile	55%	Now	$61,900	2026	$619,200	3	$27,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$7,300	2031	* *	3	$5,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Wood	25%	Now	$54,600	2041	* *	5	$31,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$13,600	2029	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	2%	Now	$12,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$92,600	LIFE	* *	5	$34,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$159,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$24,600	2031	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	90%	Now	$469,200	LIFE	* *	5	$74,500	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	100%			2026	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,800	
Molded Case Bkrs	10%			2034	* *	5	$200	
Wiring								
Thermoplastic	80%			2026	$204,400	1		
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$52,900	5	$400	
Locally Mounted	30%			2031	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$963,000	10	$79,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2026	$14,100	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$10,700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2021	$324,800	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$52,000	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$178,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$27,400	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$87,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2026	$617,700	4	$6,500	
Terminal Devices								
Air Handler	20%			2026	$95,400	1	$10,900	
Convector/Radiator	50%			2031	* *	1	$14,300	
Fan Coil Unit/Heat	25%			2021	$331,100	1	$7,100	
Unit Heater-Stm/HW	5%			2026	$28,600	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$145,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,100	
Exhaust Fans								
Interior	50%			2026	$48,900	2	$1,400	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - BK

Asset # : 1365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2026	$20,600	2	$1,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$20,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 131 - Q**
Address : **172 ST & 84 AVENUE BTWN: 170 ST., 172 ST**
Borough : **QUEENS**
Agency's Number : **Q131**
Program / Asset # : **BOE0779.000 / 1563**
Yr Built/Renovated : **1926 / 1990**
Area Sq Ft : **57,777**
Project Type : **EDUCATION**
Date of Survey : **24-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9875** **Lot** : **1**
BIN : **4211112**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$141,000	$47,100
Interior Architecture	$73,200	$269,500
Electrical		$1,493,200
Mechanical		$212,900
Total	**$214,200**	**$2,022,700**
Importance Code A	$141,000	$47,100
Importance Code B	$73,200	$1,975,600
Total	**$214,200**	**$2,022,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$143,700			
Interior Architecture	$89,100		$5,200	$9,300
Electrical	$8,900	$600	$800	$1,400
Mechanical	$42,300	$17,000	$17,500	$15,500
Total	**$284,000**	**$17,600**	**$23,600**	**$26,200**
Importance Code A	$149,300	$5,600	$5,600	$5,600
Importance Code B	$93,700	$12,000	$18,000	$14,700
Importance Code C	$41,000			$5,900
Total	**$284,000**	**$17,600**	**$23,600**	**$26,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$7,000	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Building Base								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$38,600	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,200	
Masonry: Brick	63%	Now	$93,900	LIFE	* *	5	$31,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Brick Cavity	12%			LIFE	* *	5	$11,900	
Masonry: Limestone	5%	Now	$27,000	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Masonry: Marble	5%			LIFE	* *	5	$3,700	
Metal Panel	3%			2046	* *	5-10	$10,200	
Windows								
Aluminum	10%			2042	* *	5	$1,100	
Metal Louvers	5%			2035	* *	10	$3,500	
Wood	85%			2034	* *	5	$94,300	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$33,200	
Masonry: Brick Cavity	10%			LIFE	* *	5-10	$5,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$4,900	
Masonry: Marble	15%			LIFE	* *	5-10	$14,800	
Metal Panel	5%			2046	* *	5	$1,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Asphalt Shingle	55%	Now	$22,300	2029	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : 1926 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 212, 220								
Copper/Terne	5%			2041	* *	10	$7,400	
IRMA/Protected Membrane	25%			2031	* *	10	$14,700	
Single Ply Membrane	15%	Now	$5,900	2031	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 15%								
Location : Over Kindergarten								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Kindergarten								
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,500	
Mosaic Tile	3%			2031	* *	5	$6,700	
Quarry Tile	2%			2039	* *	5	$2,700	
Terrazzo	5%			LIFE	* *	5	$7,000	
Vinyl Tile	35%			2031	* *	3	$11,700	
Vinyl Tile	30%			2026	$227,700	3	$13,400	
Wood	20%			2041	* *	5	$33,500	
Interior Walls								
Ceramic Tile	15%			2035	* *	5	$11,800	
Gypsum Board	10%			LIFE	* *	5-10	$13,400	
Marble Panels	2%			LIFE	* *	10	$600	
Plaster	73%			LIFE	* *	5-10	$49,000	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$7,200	2039	* *	5	$2,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Connecting Corridor To Kindergarten								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Connecting Corridor To Kindergarten								
Exposed Concrete	10%			LIFE	* *	5-10	$11,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,900	
Metal Panel	5%			LIFE	* *	5	$11,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kindergarten								
Plaster	75%			LIFE	* *	5-10	$115,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 212, 220								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$16,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 400 Amps & One 800 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2026	$4,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$200	
Raceway								
Conduit	100%			2026	$123,800	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Molded Case Bkrs	90%			2025	$94,200	5	$1,400	
Wiring								
Thermoplastic	100%			2026	$173,900	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$52,500	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building* *Explanation : T-8 Lamps*								
HID	2%			2021	$9,500	10		
Incandescent	2%			2021	$13,200	2		
Egress Lighting								
Emergency, Battery	50%			2021	$40,200	10	$7,200	
Exit, Service	50%			2021	$8,000	1		
Exterior Lighting								
HID	100%			2021	$218,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$6,500	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$598,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100% *Location : Basement Vault* *Explanation : 1- 10,000 Gallon Tank*								

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DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%			2031	* *	1	$3,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units - Addition Has Roof Mounted Furnace								
Steam Boiler	90%			2031	* *	1	$53,200	
Broken, Extent : Light, Area Affected : 2%								
Location : Boiler Feed Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	90%	0-2	$7,500	2046	* *	4	$2,600	
Leak Evident, Extent : Light, Area Affected : 20%								
Location : Boiler Room, Sub Basement Fan Room - Defective Pump Seals - 2/4 Pumps								
No Component	10%							
Terminal Devices								
Air Handler	20%			2026	$64,300	1	$7,400	
Convector/Radiator	70%			2031	* *	1	$13,500	
Fan Coil Unit/Heat	10%			2026	$89,300	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2027	* *	2	$200	
Window/Wall Unit	2%			2024	$2,500	1		
No Component	93%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,700	
Exhaust Fans								
Interior	90%			2026	$59,300	2	$1,600	
Roof	10%			2026	$4,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$13,900	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 75 Gal Unit Is Too Small For Bldg								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$5,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 131 - Q

Asset # : 1563

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	0-2	$2,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 15%								
Location : Clogged Sanitary Piping In Various Toilet Rooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$3,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 132 - BK**			
Address	:	**320 MANHATTAN AVENUE BTWN: METROPOLITAN AVE., CONSELY**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K132**
Program / Asset #	:	**BOE0438.000 / 1366**	**Yr Built/Renovated**	:	**1902 / 2011**
Area Sq Ft	:	**74,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Apr-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**2759** **Lot** : **1**	**BIN**	:	**3068728**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$343,200	$536,300
Interior Architecture	$535,600	$372,100
Electrical		$66,400
Mechanical		$112,700
Total	**$878,800**	**$1,087,500**
Importance Code A	$343,200	$536,300
Importance Code B	$425,900	$551,100
Importance Code C	$109,600	
Total	**$878,800**	**$1,087,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100	$1,700	$21,600	
Interior Architecture	$85,400		$2,700	$14,100
Electrical	$19,400	$5,700	$6,500	$5,700
Mechanical	$45,400	$25,700	$26,400	$26,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$187,200**	**$37,000**	**$61,200**	**$49,900**
Importance Code A	$40,400	$8,900	$28,800	$7,200
Importance Code B	$116,200	$28,100	$32,400	$39,500
Importance Code C	$30,600			$3,200
Total	**$187,200**	**$37,000**	**$61,200**	**$49,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$98,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$189,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : All Facades								
Metal Panel	13%			2052	* *	5-10	$112,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Facades								
Stucco Cement	7%			2039	* *	5	$22,100	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : All Facades								
Windows								
Aluminum	10%			2048	* *	5	$3,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	5%			2039	* *	10	$10,500	
Wood	85%			2048	* *	5	$286,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Prtotective Metal Grilles								
Parapets								
Masonry: Brick	40%			LIFE	* *	5-10	$65,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Cornice	55%			2054	* *	10	$42,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2052	* *	5	$4,600	
Roof								
Modified Bitumen	85%			2034	* *	10	$78,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	15%			2026	$46,400	10	$13,800	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Dexotex Surface Covering								
Ceramic Tile	5%			2029	* *	5	$5,500	
Mosaic Tile	2%			2031	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry Foyer								
Explanation : Decorative Motif								
Quarry Tile	5%			2031	* *	5	$8,200	
Sheet Vinyl/Rubber	3%			2031	* *	5	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Multi-purpose Room								
Explanation : High Density Rubber								
Vinyl Tile	40%	2-4	$372,100	2036	* *	3	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Throughout 1st Floor And Upper Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Vinyl Tile	40%			2026	$372,100	3	$21,900	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,100	
Glass: Single Pane	1%			LIFE	* *	5	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Transoms Throughout								
Explanation : Decoratve Motif								
Glass: Single Pane	3%			LIFE	* *	5	$5,700	
Gypsum Board	15%			LIFE	* *	5-10	$32,300	
Masonry: Brick	7%	Now	$69,200	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 35%								
Location : Basement Foundation Walls - Various								
Mosaic Tile	1%			LIFE	* *	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Decorative Motif								
Plaster	58%			LIFE	* *	5-10	$62,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2031	* *	5	$20,500	
AcousTileSusp.Lay-In	20%			2031	* *	5	$21,900	
Exposed Concrete	5%	4+	$3,500	LIFE	* *	5	$900	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Maintenance Rooms								
Exposed Struc: Steel	10%			LIFE	* *	10	$21,900	
Gypsum Board	5%			LIFE	* *	5-10	$18,800	
Plaster	45%			LIFE	* *	5-10	$84,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$22,800	
Generators								
Diesel	100%			2035	* *	1	$28,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 175 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$16,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2042	* *	5	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2054	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$66,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2031	* *	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$8,800	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$72,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$5,400	
Terminal Devices								
Air Handler	50%			2031	* *	1	$22,600	
Convector/Radiator	50%			2039	* *	1	$11,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2031	* *	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	75%			2021	$112,700	1		
No Component	20%							
Terminal Devices								
Direct Expansion	5%			2031	* *	1		
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2031	* *	2	$2,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,500	
Exhaust Fans								
Roof	100%			2031	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$17,000	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - 175 Gallon Storage Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2031	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BK

Asset # : 1366

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$36,900	
Sprinkler								
No Component	40%							
Generic	60%			2046	* *	1-2	$12,300	
Fire Pump								
Generic	100%	Now	$2,700	2035	* *	1	$12,300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Pump Room								
Explanation : Jockey Pump Controls Malfunctioning								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 132 - BX**		
Address	**: 1245 WASHINGTON AVENUE @E. 168 STREET**		
Borough	**: BRONX**	**Agency's Number**	**: X132**
Program / Asset #	**: BOE0270.000 / 147**	**Yr Built/Renovated**	**: 1960 / 2009**
Area Sq Ft	**: 98,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 03-Jul-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2**		
Block	**: 2390 Lot : 1**	**BIN**	**: 2001619**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$835,200	$381,400
Interior Architecture	$305,900	$226,300
Electrical	$610,800	$1,035,400
Mechanical	$530,600	
Total	**$2,282,500**	**$1,643,100**
Importance Code A	$1,327,600	$418,400
Importance Code B	$954,900	$1,176,500
Importance Code C		$48,200
Total	**$2,282,500**	**$1,643,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$12,800
Interior Architecture	$35,100	$3,300		$17,000
Electrical	$27,800	$3,800	$39,500	$2,700
Mechanical	$2,900	$13,900	$58,800	$22,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$69,800**	**$25,000**	**$102,300**	**$58,700**
Importance Code A		$10,000	$10,200	$22,800
Importance Code B	$69,800	$11,700	$92,100	$35,900
Importance Code C		$3,300		
Total	**$69,800**	**$25,000**	**$102,300**	**$58,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$34,100	
Masonry: Brick	75%			LIFE	* *	5	$51,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,100	
Window Wall	10%			2050	* *	5	$25,600	
Windows								
Aluminum	100%			2046	* *	5	$16,700	
Parapets								
Metal Rail	100%			2041	* *	5-10	$330,300	
Roof								
Built-Up (BUR)	50%	Now	$304,800	2034	* *			
Air/Water Blisters, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
IRMA/Protected Membrane	50%	Now	$530,500	2034	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	10%	Now	$12,900	2024	$128,700	3	$5,700	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9 X 9 Tiles								
Vinyl Tile	80%			2032	* *	3	$60,600	
Wood	5%			2052	* *	5	$14,200	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$6,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Gypsum Board	60%			LIFE	* *	5	$48,200	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	2-4	$305,900	2044	* *	5	$23,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridor(s), First Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : First Floor								
Exposed Concrete	55%			LIFE	* *	5	$13,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2024	$49,400			
Plaster	10%			LIFE	* *	5	$9,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$171,100	5	$2,600	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	85%			2023	$152,500	5	$2,200	
Molded Case Bkrs	10%			2032	* *	5	$300	
Wiring								
Braided Cloth	85%	2-4	$217,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%	2-4	$15,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2029	* *	10	$89,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2029	* *	10	$100	
Incandescent	2%			2019	$22,500	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$12,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$370,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$89,000	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$304,500	1-3	$18,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$31,300	
Conversion Equipment								
Steam Boiler	100%	4+	$492,400	2044	* *	1	$90,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$5,000	
Terminal Devices								
Air Handler	20%			2029	* *	1	$12,500	
Convector/Radiator	80%	Now	$38,200	2029	* *	1	$23,500	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Traps, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - BX

Asset # : 147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2019	$20,800	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,400	
Exhaust Fans								
Interior	70%			2029	* *	2	$2,200	
Roof	30%	Now	$1,200	2024	$24,100	2	$700	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Kitchen Fan, 2nd Floor								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$10,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 132 - M**
Address : **185 WADSWORTH AVENUE BTWN: WEST 182 ST., WEST 183 S**
Borough : **MANHATTAN** | **Agency's Number** : **M132**
Program / Asset # : **BOE0079.000 / 1725** | **Yr Built/Renovated** : **1905 / 2000**
Area Sq Ft : **81,000** | **Project Type** : **EDUCATION**
Date of Survey : **01-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2165** **Lot** : **26** | **BIN** : **1063947**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$359,100	$295,000
Interior Architecture	$202,200	$530,700
Electrical	$178,900	$565,700
Mechanical	$89,800	$73,700
Total	**$830,000**	**$1,465,100**
Importance Code A	$359,100	$295,000
Importance Code B	$470,900	$1,125,800
Importance Code C		$44,200
Total	**$830,000**	**$1,465,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,400			
Interior Architecture	$95,800		$2,700	$5,500
Electrical	$19,700		$300	$400
Mechanical	$66,900	$13,700	$18,200	$12,900
Total	**$207,900**	**$13,700**	**$21,100**	**$18,700**
Importance Code A	$33,700	$8,300	$8,300	$8,300
Importance Code B	$139,800	$5,400	$12,900	$10,500
Importance Code C	$34,400			
Total	**$207,900**	**$13,700**	**$21,100**	**$18,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$126,000	LIFE	* *	5	$120,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	2%			2061	* *	10	$7,300	
Masonry: Brick	85%			LIFE	* *	5	$263,200	
Metal Panel	3%			2036	* *	5-10	$31,900	
Windows								
Aluminum	100%			2042	* *	5	$43,700	
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5-10	$80,400	
Masonry: Brick	65%			LIFE	* *	5-10	$50,400	
Metal Panel	3%			2046	* *	5	$1,300	
Metal Security Bars	2%			2041	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$7,100	
Roof								
Built-Up (BUR)	98%			2031	* *	10	$42,500	
Copper/Terne	2%			2054	* *	10	$2,200	
Interior								
Floors								
Asphalt Poured	17%	Now	$29,000	2046	* *	5	$5,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$3,200	LIFE	* *	5	$13,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Near Gas Meter Room In Basement								
Ceramic Tile	3%			2029	* *	5	$3,700	
Mosaic Tile	3%			2031	* *	5	$9,400	
Vinyl Tile	15%	Now	$8,000	2026	$159,100	3	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	Now	$21,200	2021	$212,100	3	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%			2034	* *	3	$2,300	
Wood	32%	0-2	$65,800	2029	* *	5	$37,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$10,700	2029	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	95%	0-2	$23,700	LIFE	* *	5	$44,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Plaster	100%			LIFE	* *	5-10	$214,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	50%			2026	$86,300	1		
Conduit	50%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Knife Sw	10%	2-4	$17,900	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Besement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	30%			2025	$53,800	5	$600	
Molded Case Bkrs	50%			2042	* *	5	$1,100	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$400	
Locally Mounted	20%			2024	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$74,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$13,300	10	$100	
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$10,100	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$335,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 2,500 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$82,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$29,100	2036	* *	4	$4,100	
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Various Traps And Piping								
Terminal Devices								
Air Handler	20%	Now	$89,800	2036	* *	1	$9,300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Fan Room								
Convector/Radiator	80%			2031	* *	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - M

Asset # : 1725

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	2%			2034	* *	2	$100	
	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
	Location : Roof							
Window/Wall Unit	10%			2021	$17,100	1		
No Component	88%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,600	
Exhaust Fans								
Interior	80%			2026	$73,700	2	$2,000	
Roof	20%			2026	$13,200	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2046	* *	1		
Galv Iron/Steel	98%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$19,400	2	$1,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 225 Gallons							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Duplex Unit							
Backflow Preventer								
No Component	95%							
Generic	5%			2034	* *	1	$300	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Boiler Room							
	Explanation : Boiler Only							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 132 - Q**
Address : **218TH ST. & 132ND AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE0780.000 / 2535**
Area Sq Ft : **48,000**
Date of Survey : **28-Mar-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **12927** **Lot** : **28**

Agency's Number : **Q132**
Yr Built/Renovated : **1928 / 2003**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4278380**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$235,300	$39,000
Interior Architecture	$267,900	$250,700
Electrical	$181,300	$574,600
Mechanical	$79,600	$380,000
Total	**$764,100**	**$1,244,200**
Importance Code A	$235,300	$39,000
Importance Code B	$528,800	$1,205,200
Total	**$764,100**	**$1,244,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,500	$39,000		
Interior Architecture	$34,900	$6,400	$3,700	$12,000
Electrical	$42,200	$700	$500	$38,500
Mechanical	$16,100	$8,200	$12,600	$39,100
Total	**$140,700**	**$54,300**	**$16,800**	**$89,600**
Importance Code A	$52,400	$43,800	$4,900	$4,900
Importance Code B	$79,900	$8,500	$11,900	$84,700
Importance Code C	$8,300	$1,900		
Total	**$140,700**	**$54,300**	**$16,800**	**$89,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$17,500	
Masonry: Brick	87%	Now	$235,300	LIFE	* *	5	$39,000	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stair C, Rooms 219, 319, Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Masonry: Limestone	3%			LIFE	* *	5	$1,000	
Windows								
Aluminum	95%			2041	* *	5	$15,800	
Metal Louvers	5%	Now	$24,900	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : At Air Shafts								
Deformed/Dented, Extent : Severe, Area Affected : 25%								
Location : At Air Shafts								
Parapets								
Masonry: Brick Cavity	15%			LIFE	* *	5	$1,400	
Metal: Cage/Fence	80%			2038	* *	5-10	$58,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,000	
Roof								
Built-Up (BUR)	95%	Now	$22,700	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Low Roof Throughout								
Metal Panel	5%			2038	* *	10	$4,800	
Interior								
Floors								
Asphalt Poured	10%			2030	* *	5	$3,700	
Cast in Place Concrete	5%			LIFE	* *	5	$8,100	
Mosaic Tile	2%			2030	* *	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$2,900	
Vinyl Tile	40%			2025	$250,700	3	$11,100	
Vinyl Tile 9" X 9"	33%			2020	$267,900	3	$12,200	
Wood	5%			2040	* *	5	$6,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2028	* *	5	$3,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$15,600	
Plaster	7%	Now	$8,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rooms 219, 319								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Rooms 219, 319								
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$9,200	
AcousTileSusp.Lay-In	5%			2030	* *	5	$3,700	
Exposed Concrete	20%			LIFE	* *	5	$2,300	
Exposed Concrete	5%	Now	$23,600	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Metal Panel	5%			LIFE	* *	5	$4,600	
Plaster	55%			LIFE	* *	5	$25,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	70%			2025	$48,600	1		
Conduit	30%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$27,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$22,700	5	$200	
Locally Mounted	30%	2-4	$13,600	2045	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2025	$464,900	10	$38,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	8%			2030	* *	10	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	2%			2030	* *	10	$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	5%			2020	$27,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$5,900	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$181,300	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detector, Horns, Manual Pull Stations And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 132 - Q

Asset # : 2535

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$48,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$2,400	
Terminal Devices								
Air Handler	30%			2020	$79,600	1	$9,100	
Convector/Radiator	70%			2023	$325,600	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$20,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$8,500	LIFE	* *	2-5	$27,500	
Broken, Extent : Severe, Area Affected : 2%								
Location : Basement Fan Room								
Exhaust Fans								
Interior	100%			2025	$54,400	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$11,500	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$4,700	1	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$17,200	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 133 - M**
Address : **2121 5TH AVENUE BTWN:EAST 130 ST., EAST 131 ST**
Borough : **MANHATTAN** | **Agency's Number** : **M133**
Program / Asset # : **BOE0080.000 / 1726** | **Yr Built/Renovated** : **1949 / 2001**
Area Sq Ft : **68,000** | **Project Type** : **EDUCATION**
Date of Survey : **18-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1755** **Lot** : **1** | **BIN** : **1054276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$128,800	$339,700
Interior Architecture	$161,100	$422,800
Electrical	$285,700	$402,600
Mechanical		$594,600
Total	**$575,600**	**$1,759,600**
Importance Code A	$128,800	$679,200
Importance Code B	$446,800	$1,080,400
Total	**$575,600**	**$1,759,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,300			
Interior Architecture	$92,600		$9,800	$8,400
Electrical	$29,700		$300	$700
Mechanical	$33,200	$10,300	$21,800	$15,500
Total	**$194,700**	**$10,300**	**$31,800**	**$24,600**
Importance Code A	$46,200	$6,900	$6,900	$6,900
Importance Code B	$97,000	$3,400	$24,900	$16,100
Importance Code C	$51,600			$1,600
Total	**$194,700**	**$10,300**	**$31,800**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$138,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$3,200	
Windows								
Aluminum	95%			2042	* *	5	$23,900	
Glass Block	5%	Now	$6,300	LIFE	* *	5	$800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$69,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$6,500	
Roof								
Built-Up (BUR)	100%	Now	$13,500	2026	$270,400			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Classroom 318								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Covered With Snow								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,700	
Ceramic Tile	3%			2035	* *	5	$3,100	
Panel/Paver: Cer/Brk	5%			2034	* *	5	$11,700	
Terrazzo	2%			LIFE	* *	5	$3,300	
Vinyl Tile	30%			2031	* *	3	$11,700	
Vinyl Tile	40%			2021	$355,100	3	$20,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%			2041	* *	5	$19,600	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,400	
Masonry: Brick	5%			LIFE	* *	10	$1,600	
Marble Panels	2%			LIFE	* *	10	$800	
Plaster	55%			LIFE	* *	5-10	$49,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$13,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	2-4	$115,700	2039	* *	5	$15,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 3rd Floor, Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Third Floor, Corridors								
AcousTileConcealSpLn	10%			2031	* *	5	$13,000	
Exposed Concrete	10%			LIFE	* *	5-10	$13,000	
Fiber Board	10%			2026	$67,700			
Plaster	40%			LIFE	* *	5-10	$71,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$146,600	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Knife Sw	15%	0-2	$20,200	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Molded Case Bkrs	75%			2025	$100,900	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$60,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$47,000	10	$8,400	
Exit, Service	50%			2026	$9,400	1		
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$21,600	
Conversion Equipment								
Steam Boiler	100%			2024	$339,600	1	$69,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,400	
Terminal Devices								
Air Handler	25%			2026	$94,000	1	$10,800	
Convector/Radiator	75%			2031	* *	1	$16,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$114,700	1		
No Component	20%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - M

Asset # : 1726

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,600	
Exhaust Fans								
Interior	60%			2026	$46,300	2	$1,300	
Roof	40%			2026	$22,200	2	$900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$16,200	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Instantaneous Type, Feeds Storage Tank Of Heat Exchanger								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$6,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2036	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 133 - Q**
Address : **248-05 86 AVENUE BTWN: 249 ST., 248 ST.**
Borough : **QUEENS** | **Agency's Number** : **Q133**
Program / Asset # : **BOE0781.000 / 1564** | **Yr Built/Renovated** : **1930 / 2009**
Area Sq Ft : **93,803** | **Project Type** : **EDUCATION**
Date of Survey : **16-Jan-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **8616** **Lot** : **1** | **BIN** : **4175739**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$198,600	$49,000
Interior Architecture	$45,900	$46,300
Electrical	$553,500	$1,938,400
Mechanical	$65,500	$914,000
Total	**$863,500**	**$2,947,700**
Importance Code A	$198,600	$86,000
Importance Code B	$664,900	$2,861,700
Total	**$863,500**	**$2,947,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$69,300	$16,400		
Interior Architecture	$92,100		$7,900	$2,600
Electrical	$10,800	$1,100	$1,300	$1,100
Mechanical	$77,400	$13,300	$21,600	$13,300
Total	**$249,600**	**$30,700**	**$30,800**	**$16,900**
Importance Code A	$78,600	$25,700	$9,300	$9,300
Importance Code B	$138,600	$5,000	$21,500	$7,600
Importance Code C	$32,400			
Total	**$249,600**	**$30,700**	**$30,800**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	63%	Now	$147,900	LIFE	* *	5	$49,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation At 1930 Wing, Lunch Room								
Masonry: Brick Cavity	28%			LIFE	* *	5	$43,600	
Masonry: Granite	2%			LIFE	* *	5	$2,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,800	
Masonry: Limestone	2%			LIFE	* *	5	$2,300	
Windows								
Aluminum	100%			2042	* *	5	$25,500	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5-10	$19,800	
Masonry: Brick Cavity	50%			LIFE	* *	5-10	$39,600	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,100	
Metal Rail	20%			2043	* *	5-10	$41,800	
Roof								
Built-Up (BUR)	95%	Now	$23,200	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Room 301								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3, Room 301								
Copper/Terne	5%			2061	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	5%			2035	* *	5	$4,200	
Vinyl Tile	30%			2031	* *	3	$9,500	
Vinyl Tile	45%			2034	* *	3	$14,200	
Vinyl Tile 9" X 9"	5%			2021	$46,300	3	$2,100	
Wood	10%			2041	* *	5	$15,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,200	
Glass: Single Pane	2%			LIFE	* *	5	$2,000	
Masonry: Brick	10%			LIFE	* *	10	$2,000	
Marble Panels	5%			LIFE	* *	10	$1,300	
Plaster	48%			LIFE	* *	5-10	$26,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lunch Room								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$8,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2031	* *	5	$15,800	
Exposed Concrete	25%			LIFE	* *	5-10	$26,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 301								
Exposed Concrete	10%	Now	$27,000	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Plaster	50%			LIFE	* *	5-10	$72,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Fused Knife Sw	45%	2-4	$80,700	2051	* *	5	$500	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	40%	2-4	$71,800	2051	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	5%			2042	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$500	
Locally Mounted	20%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	8%			2031	* *	10	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	90%			2026	$937,800	10	$77,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
HID	1%			2021	$7,500	10		
Incandescent	1%			2026	$10,400	2		
Egress Lighting								
Emergency, Battery	25%			2031	* *	10	$5,700	
Exit, Service	50%			2026	$12,700	1		
Exit, Service	25%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$354,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$85,100	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$291,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : Fire Alarm System Is Old But Still Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 6000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$92,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$65,500	2036	* *	4	$4,600	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Boiler Room 1 Of 2 Vaccuum Pump Set								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout Old Wing Of Building								
Terminal Devices								
Air Handler	20%			2026	$101,200	1	$11,600	
Convector/Radiator	40%			2031	* *	1	$12,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Areas								
Fan Coil Unit/Heat	40%	Now	$28,100	2026	$561,800	1	$10,900	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2021	$9,600	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,800	
Exhaust Fans								
Interior	80%			2021	$83,000	2	$2,300	
Roof	20%			2021	$14,900	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2036	* *	1		
Galv Iron/Steel	60%			2024	$168,100	1		
Water Heater								
Gas Fired	100%			2024	$21,800	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 133 - Q

Asset # : 1564

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Leaking To Room #301								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$32,900	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 134 - BK**		
Address	: **4001 18 AVE. @ E. 5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K849**
Program / Asset #	: **BOE0445.010 / 1347**	**Yr Built/Renovated**	: **1901 / 2007**
Area Sq Ft	: **35,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **5416** **Lot** : **48**	**BIN**	: **3127692**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$76,300	$45,700
Interior Architecture	$315,200	$92,600
Electrical	$546,700	$201,400
Mechanical		$44,400
Total	**$938,200**	**$384,100**
Importance Code A	$76,300	$45,700
Importance Code B	$818,800	$245,800
Importance Code C	$43,100	$92,600
Total	**$938,200**	**$384,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$128,300			$8,500
Interior Architecture	$48,200		$300	$5,400
Electrical	$1,700	$75,800	$2,000	$1,400
Mechanical	$21,200	$13,300	$5,300	$5,700
Total	**$199,400**	**$89,100**	**$7,600**	**$21,000**
Importance Code A	$131,900	$3,600	$3,600	$12,100
Importance Code B	$62,900	$85,400	$4,100	$8,900
Importance Code C	$4,600			
Total	**$199,400**	**$89,100**	**$7,600**	**$21,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$20,200	LIFE	* *	5	$22,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$45,700	
Masonry: Limestone	10%	Now	$31,200	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	5%	Now	$16,600	2036	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2045	* *	5	$17,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$76,300	LIFE	* *	5	$6,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$15,400	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	30%	Now	$11,600	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Slate	70%	Now	$33,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,900	
Ceramic Tile	5%	Now	$5,200	2019	$52,200	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$4,000	
Vinyl Tile	80%	Now	$219,900	2028	* *	3	$16,200	
Adhesion Failure, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Vinyl Tile	5%			2031	* *	3	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$4,600	2026	$92,600	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,300	
Glass: Single Pane	5%			LIFE	* *	5	$2,500	
Masonry: Brick	5%			LIFE	* *			
Plaster	80%	Now	$43,100	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$6,500	2036	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Fiber Board	5%			2028	* *			
Plaster	90%	Now	$31,800	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2023	$2,900	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For The Old Wing								
Fused Disc Sw	35%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For New Wing								
Fused Disc Sw	30%			2043	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$68,400	5	$100	
Fused Disc Sw	30%			2043	* *	5		
Raceway								
Conduit	90%			2023	$47,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$7,500	5	$100	
Molded Case Bkrs	60%			2022	$44,800	5	$600	
Molded Case Bkrs	30%			2039	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$46,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$13,300	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$40,800	5	$200	
Motor Control Center	10%			2021	$100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	92%			2018	$367,900	10	$30,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$8,600	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2018	$24,300	10	$4,300	
Exit, Service	50%			2018	$4,900	1		
Exterior Lighting								
HID	100%			2018	$132,200	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2028	* *	1-3	$15,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,600	2043	* *	4	$1,800	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump								
Terminal Devices								
Convector/Radiator	100%			2028	* *	1	$11,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$44,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$4,000	
No Component	80%							
Exhaust Fans								
Interior	20%			2028	* *	2	$200	
No Component	80%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK

Asset # : 1347

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2033	* *	1		
Galv Iron/Steel	75%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$8,400	2	$500	
Sanitary Piping								
Cast Iron	100%	Now	$3,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 134 - BK MINISCHOOL**		
Address	: **4001 18 AVE. @ E. 5TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K839**
Program / Asset #	: **BOE0445.020 / 2938**	**Yr Built/Renovated**	: **1989 / 2010**
Area Sq Ft	: **12,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **5416** **Lot** : **48**	**BIN**	: **3127692**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$87,500
Interior Architecture		$153,400
Electrical		$282,900
Total		**$523,800**
Importance Code A		$87,500
Importance Code B		$436,300
Total		**$523,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,900		
Interior Architecture	$2,300	$9,700		$2,300
Electrical	$700	$600	$500	$700
Mechanical	$3,800	$800	$1,400	$800
Total	**$6,700**	**$30,000**	**$1,900**	**$3,700**
Importance Code A	$600	$19,600	$600	$700
Importance Code B	$6,100	$10,400	$1,300	$3,000
Importance Code C				
Total	**$6,700**	**$30,000**	**$1,900**	**$3,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK MINISCHOOL

Asset # : 2938

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2033	* *	5-10	$69,300	
Windows								
Aluminum	98%			2031	* *	5	$4,000	
Glass Block	2%			LIFE	* *	5	$100	
Roof								
Metal Panel	100%			2043	* *	10	$37,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,100	
Ceramic Tile	2%			2026	$7,500	5	$400	
Vinyl Tile	93%			2023	$153,400	3	$9,000	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	$14,500	
Ceilings								
AcousTileSusp.Lay-In	100%			2043	* *	5	$19,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5		
Molded Case Bkrs	90%			2031	* *	5	$300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$144,000	10	$11,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$8,700	10	$1,600	
Exit, Service	50%			2023	$1,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK MINISCHOOL

Asset # : 2938

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$47,600	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2023	$91,400	1-3	$5,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2043	* *	1		
Natural Gas	90%			2043	* *	1		
Conversion Equipment								
Furnace	90%			2028	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted								
Explanation : One Unit								
Radiant Heater	10%			2028	* *	2	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	$26,600	1		
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$4,300	
No Component	40%							
Exhaust Fans								
Interior	50%			2023	$7,200	2	$200	
Roof	10%			2023	$1,000	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%	Now	$3,000	2023	$3,000	2	$200	
Leak Evident, Extent : Severe, Area Affected : 60%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2023	$1,200	1	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BK MINISCHOOL

Asset # : 2938

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 134 - BX**
Address : **1330 BRISTOW STREET BTWN: JENNINGS ST., FREEMAN ST.**
Borough : **BRONX** | **Agency's Number** : **X134**
Program / Asset # : **BOE0271.000 / 398** | **Yr Built/Renovated** : **1965 / 2013**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **30-Sep-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2965** **Lot** : **82** | **BIN** : **2010273**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$136,200	$136,200
Interior Architecture	$379,200	$1,182,400
Electrical		$1,936,200
Mechanical	$127,000	$1,092,100
Total	**$642,400**	**$4,346,800**
Importance Code A	$136,200	$566,700
Importance Code B	$430,300	$3,780,100
Importance Code C	$75,900	
Total	**$642,400**	**$4,346,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,300		$5,200	
Interior Architecture	$66,700			$13,500
Electrical	$3,900	$900	$1,100	$1,900
Mechanical	$64,300	$12,000	$37,900	$16,200
Total	**$160,300**	**$13,000**	**$44,200**	**$31,600**
Importance Code A	$45,900	$8,400	$13,600	$8,400
Importance Code B	$89,200	$4,600	$30,600	$23,200
Importance Code C	$25,200			
Total	**$160,300**	**$13,000**	**$44,200**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$14,000	
Masonry: Brick	95%			LIFE	* *	5	$133,200	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Brick From Parapet To Top Of Windows Has Been Repointed Or Replaced								
Pre-Cast Concrete	3%			LIFE	* *	5	$13,700	
Windows								
Aluminum	100%			2042	* *	5	$15,700	
Parapets								
Metal Panel	85%			2046	* *	5	$37,800	
Metal: Cage/Fence	10%			2039	* *	5-10	$8,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,200	
Roof								
Roll Roofing	100%			2027	* *	5	$139,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$83,100	
Ceramic Tile	5%			2035	* *	5	$6,300	
Sheet Vinyl/Rubber	5%			2031	* *	5	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Gym Floor								
Sheet Vinyl/Rubber	5%			2026	$188,000	5	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Auditorium Floor								
Terrazzo	5%			LIFE	* *	5	$9,900	
Vinyl Tile 9" X 9"	65%	Now	$181,400	2021	$907,000	3	$30,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stairs And Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$35,400	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Hot Water Heater. Water From Sidewalk Hatch Above								
Concrete Masonry Unit	20%			LIFE	* *	5	$17,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Cmu								
Plaster	45%	Now	$40,500	LIFE	* *	5	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,000	
Ceilings								
AcousTile,Adhered	30%	Now	$17,700	2031	* *	5	$19,000	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasiums								
Exposed Struc: Steel	2%			LIFE	* *	10	$5,100	
Fiber Board	5%			2031	* *			
Gypsum Board	5%			LIFE	* *	5-10	$21,800	
Plaster	58%			LIFE	* *	5-10	$126,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2056	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	100%			2026	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	85%			2025	$152,500	5	$1,800	
Molded Case Bkrs	5%			2051	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2026	$255,500	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$300	
Variable Frequency Drive	50%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	2%			2021	$18,800	10	$1,600	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Explanation : T-12 Lamps								
Fluorescent	88%			2036	* *	10	$68,300	
Other Observation, Extent : Moderate, Area Affected : 88%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	7%			2036	* *	10	$5,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 7%								
Location : Fan Room, Boiler Room, Tank Room & Auditorium								
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$57,100	10	$10,200	
Exit, Service	50%			2026	$11,400	1		
Exterior Lighting								
HID	100%			2021	$309,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
Explanation : Intrusion Alarm & Motion Detector Only								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2021	$594,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fuel Source Was Recently Converted From #6 Oil To #4								
Conversion Equipment								
Steam Boiler	100%	Now	$20,600	2024	$412,000	1	$75,400	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Boiler Room (25 Plugged Tubes, Boiler #1 Needs To Be Retubed)								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 # 4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$59,100	2026	$590,900	4	$4,200	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Defective Steam Traps								
Terminal Devices								
Air Handler	10%	0-2	$4,600	2021	$45,600	1	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Fan Room, Defective Heating Coils On The Auditorium, Cafeteria And Gymnasium Blowers								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Gym, Cafeteria And Hallways, Defective Temperature Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room, The Cafeteria, Gymnasium And Auditorium Blowers Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	85%	0-2	$68,000	2031	* *	1	$20,900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Throughout, Defective Thermostatic Steam Traps								
Fan Coil Unit/Heat	5%			2031	* *	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	Now	$4,400	2021	$43,500	1		
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Throughout Multiple Mechanical And/ Or Electrical Defects								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX

Asset # : 398

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%			2026	$23,400	2	$700	
Roof	75%			2034	* *	2	$1,900	
Recent Installation, Extent : Light, Area Affected : 75%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	$19,700	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$8,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$100	2017	$6,700	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,200	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 134 - BX MINISCHOOL**				
Address	: **1330 BRISTOW STREET BTWN: JENNINGS ST., FREEMAN ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X834**
Program / Asset #	: **BOE0271.010 / 399**			**Yr Built/Renovated**	: **1970 / 1998**
Area Sq Ft	: **10,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **30-Sep-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2965**	**Lot**	: **82**	**BIN**	: **2010273**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$203,000
Electrical		$195,400
Total		**$398,400**
Importance Code A		$203,000
Importance Code B		$195,400
Total		**$398,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$1,300	
Interior Architecture	$65,200			$1,800
Electrical	$200	$100	$200	$300
Mechanical	$5,100	$600	$1,400	$600
Total	**$70,500**	**$700**	**$2,900**	**$2,700**
Importance Code A	$1,300	$500	$1,800	$500
Importance Code B	$63,100	$200	$1,100	$2,200
Importance Code C	$6,100			
Total	**$70,500**	**$700**	**$2,900**	**$2,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - BX MINISCHOOL
Asset # : 399

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2026	$119,700	5-10	$114,400	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Exterior Skin								
Windows								
Aluminum	100%			2034	* *	5	$2,500	
Roof								
Metal, Corrugated	100%			2039	* *	1		
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Roof Gutters								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$3,500	
Mosaic Tile	5%			2031	* *	5	$2,000	
Vinyl Tile 9" X 9"	90%	Now	$32,100	2036	* *	3	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Patching Evident, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$5,700	
Metal Panel	50%			LIFE	* *	10	$3,200	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,300	2031	* *	5	$7,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Throughout Corridors And Classrooms								
Recent Replace Evident, Extent : Light, Area Affected : 15%								
Location : Classrooms M-6 And M-7								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical / Electrical Room								
Explanation : One 600 Main Disconnect Switch								
Raceway								
Conduit	100%			2026	$22,200	1		
Panelboards								
Fused Disc Sw	5%			2025	$1,500	5		
Molded Case Bkrs	95%			2025	$28,400	5	$300	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX MINISCHOOL

Asset # : 399

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2026	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$7,300	10	$1,300	
Exit, Service	50%			2026	$1,500	1		
Exterior Lighting								
HID	100%			2021	$40,100	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$9,600	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Hallway								
Explanation : Intrusion Alarm & Motion Detector								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$110,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Furnace	100%	Now	$1,300	2026	$13,200	1	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms, Defective Temperature Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Room								
Explanation : 2 - Gas Fired Furnace								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - BX MINISCHOOL

Asset # : 399

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	50%	Now	$300	2024	$2,900	2	$300	
Broken, Extent : Severe, Area Affected : 20%								
Location : Class Rooms - Defective Temperature Control System								
Window/Wall Unit	50%			2021	$11,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,500	
Exhaust Fans								
Roof	100%			2026	$8,600	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2024	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 134 - M / P. S. 137 - M**		
Address	: **293 EAST BROADWAY @ GRAND ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M134**
Program / Asset #	: **BOE0081.000 / 1727**	**Yr Built/Renovated**	: **1960 / 2009**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **288** **Lot** : **1**	**BIN**	: **1003736**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$149,300	$161,100
Interior Architecture		$887,600
Electrical	$204,400	$1,671,900
Mechanical	$110,800	$57,100
Total	**$464,500**	**$2,777,800**
Importance Code A	$149,300	$198,100
Importance Code B	$315,200	$2,579,700
Total	**$464,500**	**$2,777,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,200			$8,900
Interior Architecture	$41,400	$18,900	$11,800	$12,600
Electrical	$1,000	$1,300	$1,900	$59,300
Mechanical	$51,500	$6,800	$16,600	$4,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$122,000**	**$31,000**	**$34,200**	**$89,100**
Importance Code A	$24,200	$2,700		$9,000
Importance Code B	$97,800	$25,300	$34,200	$80,100
Importance Code C		$3,000		
Total	**$122,000**	**$31,000**	**$34,200**	**$89,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M / P. S. 137 - M

Asset # : 1727

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$57,900	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$46,500	
Windows								
Aluminum	80%			2041	* *	5	$14,300	
Aluminum	20%	Now	$149,300	2050	* *	5	$1,800	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$6,300	
Metal: Cage/Fence	25%	Now	$14,500	2038	* *	5	$7,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Lower Roof								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Lower Roof								
Pre-Cast Concrete	10%			LIFE	* *	5	$6,100	
Roof								
Built-Up (BUR)	80%			2033	* *	10	$56,700	
Built-Up (BUR)	15%	Now	$9,700	2033	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Ove Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria								
Copper/Terne	5%			2060	* *	10	$8,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%			2028	* *	5	$6,700	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	70%			2025	$799,900	3	$35,300	
Wood	10%			2053	* *	5	$25,200	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$5,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 134 - M / P. S. 137 - M

Asset # : 1727

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$32,600	2030	* *	5	$12,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridor Near Room 230								
AcousTileConcealSpLn	15%			2030	* *	5	$25,200	
Exposed Concrete	35%			LIFE	* *	5	$7,300	
Fiber Board	10%	Now	$8,800	2025	$87,700			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			LIFE	* *	5	$16,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Plaster	15%			LIFE	* *	5	$12,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	25%			2045	* *	5	$100	
Molded Case Bkrs	75%			2025	$128,300	5	$1,700	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	85%			2024	$152,500	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$500	
Locally Mounted	20%			2038	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M / P. S. 137 - M

Asset # : 1727

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	75%			2025	$748,100	10	$61,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	20%			2030	* *	10	$16,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Basement								
HID	2%			2025	$14,300	10	$100	
Incandescent	3%			2020	$29,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$328,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Manual Pull Stations, Strobe Lights, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M / P. S. 137 - M

Asset # : 1727

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2028	* *	5	$5,300	
Distribution								
Steam Piping/Pump	100%	0-2	$12,500	2035	* *	4	$4,400	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement Mechanical Equipment Room, Blown Condensate Vaccuum Pump Seals								
Terminal Devices								
Air Handler	25%	0-2	$12,100	2030	* *	1	$12,500	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Basement Mechanical Equipment Room, 3 Of 4 Damaged Heating Coils								
Convector/Radiator	75%	0-2	$12,700	2038	* *	1	$19,600	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Throughout Classrooms, Defective Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2033	* *	1	$4,200	
Ext Pkg Unit - Cooling	10%			2033	* *	2	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof, Serves Dance Room And Auditorium								
Explanation : 2 Packaged Rooftop Units								
Window/Wall Unit	60%	0-2	$11,100	2020	$110,800	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Throughoout Classrooms, Multiple Mechanical And / Or Electrical Defects								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2051	* *	4	$400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Equipment Serves Auditorium Only								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	20%			2025	$19,900	2	$600	
Roof	80%			2025	$57,100	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2051	* *	1		
Galv Iron/Steel	90%			2030	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - M / P. S. 137 - M

Asset # : 1727

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2024	$13,900	4	$500	
HW Heat Exchanger								
Low Temp	100%			2051	* *	4	$8,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Newly Installed Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 134 - Q**		
Address	: **109TH AVE. & 203RD ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q134**
Program / Asset #	: **BOE0782.000 / 2536**	**Yr Built/Renovated**	: **1928 / 2009**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **10906** **Lot** : **1**	**BIN**	: **4440330**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$481,700	$65,200
Interior Architecture	$291,400	$509,600
Electrical	$919,800	$467,000
Mechanical	$471,100	$941,000
Total	**$2,164,000**	**$1,982,800**
Importance Code A	$481,700	$102,200
Importance Code B	$1,682,200	$1,880,600
Total	**$2,164,000**	**$1,982,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,500			
Interior Architecture	$1,300	$2,700	$6,600	$1,300
Electrical	$800	$1,000	$1,500	$14,600
Mechanical	$92,400	$11,200	$15,700	$10,400
Total	**$100,000**	**$14,900**	**$23,900**	**$26,300**
Importance Code A	$12,400	$7,000	$7,000	$7,200
Importance Code B	$87,600	$5,200	$16,800	$19,100
Importance Code C		$2,700		
Total	**$100,000**	**$14,900**	**$23,900**	**$26,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$28,300	
Masonry: Brick	25%	Now	$109,300	LIFE	* *	5	$18,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : South Facade								
Masonry: Brick	65%			LIFE	* *	5	$47,100	
Masonry: Limestone	5%	Now	$39,600	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Bands								
Windows								
Aluminum	100%	Now	$214,400	2047	* *	5	$12,800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	60%	Now	$37,700	LIFE	* *	5	$6,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : South Side								
Metal Rail	30%			2038	* *	5-10	$59,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,800	
Roof								
Built-Up (BUR)	20%	Now	$5,500	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Room 357								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Room 357								
Built-Up (BUR)	75%			2030	* *	10	$44,900	
Copper/Terne	5%			2053	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,200	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	50%			2025	$450,400	3	$19,900	
Vinyl Tile 9" X 9"	10%			2020	$116,700	3	$5,300	
Wood	25%	Now	$174,700	2040	* *	5	$24,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Classroom(s), Corridor(s) And Offices On Third Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$5,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$18,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	90%			LIFE	* *	5	$59,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D, Room 357								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	70%			2024	$94,200	5	$1,300	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2025	$17,400	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$15,100	5	$100	
Locally Mounted	80%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2020	$691,900	10	$57,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Fluorescent	10%			2030	* *	10	$6,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	2%			2030	* *	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Egress Lighting								
Emergency, Battery	25%			2020	$23,900	10	$4,300	
Emergency, Battery	25%			2030	* *	10	$4,300	
Exit, Service	25%			2020	$4,800	1		
Exit, Service	25%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$62,600	1	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$6,900	2038	* *	1	$63,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room, 2 Of 2 Defective Breech And 1 Of 2 Combustion Air Dampers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%			2025	$395,400	4	$4,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Beyond Useful Life Cycle Rating								
Steam Piping/Pump	20%			2045	* *	4	$1,000	
Terminal Devices								
Air Handler	25%			2020	$95,400	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Blowers Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	50%	Now	$33,400	2023	$334,300	1	$10,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Thermostatic Steam Traps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Radiators Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	25%	0-2	$26,500	2020	$265,000	1	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout Classrooms, Multiple Mechanical And / Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Unit Ventilators Are Beyond Their Useful Life Cycle Rating.								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	0-2	$1,800	2020	$36,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms, Multiple Mechanical And / Or Electrical Defects.								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,500	
Exhaust Fans								
Interior	95%			2020	$74,300	2	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	5%			2025	$2,800	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	2-4	$10,600	2023	$211,400	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main Near Boilers								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Domestic Water Piping Is Beyond Useful Life Cycle Rating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 134 - Q

Asset # : 2536

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$16,500	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 175 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%	Now	$9,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Basement, West Side Of The Building At 109th Avenue								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Storm Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2030	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : For Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 134 - Q MINISCHOOL (TRK 4)**
Address : **109 AVE & 203 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0782.010 / 1538**
Area Sq Ft : **10,000**
Date of Survey : **20-Dec-2013**
Areas Surveyed : **Roof, Floors 1**
Block : **10906** **Lot** : **1**

Agency's Number : **Q835**
Yr Built/Renovated : **1969 / 1997**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4440330**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$57,100	$76,800
Interior Architecture		$90,600
Electrical	$150,700	$48,900
Mechanical		$131,000
Total	**$207,800**	**$347,300**
Importance Code A	$57,100	$76,800
Importance Code B	$150,700	$270,500
Total	**$207,800**	**$347,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$1,200		$28,800
Interior Architecture	$9,100	$700	$1,300	$7,400
Electrical	$9,400	$100	$200	$19,900
Mechanical	$600	$600	$1,400	$13,400
Total	**$19,100**	**$2,600**	**$3,000**	**$69,500**
Importance Code A	$500	$1,700	$500	$29,300
Importance Code B	$18,600	$700	$2,500	$40,200
Importance Code C		$200		
Total	**$19,100**	**$2,600**	**$3,000**	**$69,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$1,600	
Metal Panel	98%			2035	* *	5-10	$105,600	
Windows								
Aluminum	100%			2033	* *	5	$2,400	
Roof								
Metal Panel	100%			2038	* *	10	$57,100	
Interior								
Floors								
Mosaic Tile	5%	Now	$9,100	2030	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Entrance								
Vinyl Tile	70%			2025	$90,600	3	$4,000	
Vinyl Tile	25%			2030	* *	3	$1,400	
Interior Walls								
Ceramic Tile	3%			2028	* *	5	$400	
Concrete Masonry Unit	27%			LIFE	* *	5	$1,500	
Metal Panel	70%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2030	* *	5	$14,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$48,900	5	$300	
Raceway								
Conduit	90%			2025	$12,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2024	$22,400	5	$300	
Wiring								
Braided Cloth	50%	0-2	$9,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2025	$7,400	1		
Thermoplastic	10%			2045	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$113,000	10	$9,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$37,800	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$9,100	1	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Horn								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2025	$8,300	1		
Conversion Equipment								
Furnace	100%			2025	$12,400	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : (2) Gas Fired Furnaces								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$131,000	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 134 - Q MINISCHOOL (TRK 4)
Asset # : 1538

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2020	$11,200	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Rest Rooms, Defective Exhaust Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Electric	100%			2020	$1,600	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 135 - BK**		
Address	**: 684 LINDEN BLVD**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K135**
Program / Asset #	**: BOE0440.000 / 1368**	**Yr Built/Renovated**	**: 1923 / 1999**
Area Sq Ft	**: 58,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 31-Aug-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 4673 Lot : 1**	**BIN**	**: 3102005**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$179,400	$139,700
Interior Architecture	$303,700	$253,400
Electrical	$175,300	$420,500
Mechanical	$90,200	$130,300
Total	**$748,600**	**$944,000**
Importance Code A	$179,400	$139,700
Importance Code B	$569,200	$650,800
Importance Code C		$153,400
Total	**$748,600**	**$944,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,200			
Interior Architecture	$74,100	$15,600		$2,500
Electrical	$1,200	$9,600	$1,900	$1,100
Mechanical	$25,100	$20,700	$13,300	$8,400
Total	**$103,600**	**$45,900**	**$15,200**	**$12,000**
Importance Code A	$9,100	$5,900	$5,900	$5,900
Importance Code B	$76,900	$40,000	$9,300	$6,000
Importance Code C	$17,600			
Total	**$103,600**	**$45,900**	**$15,200**	**$12,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$43,300	
Masonry: Brick	10%			LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : Bricks Look Worn And Eroded Due To Paint Removal part Of Exterior Wall Was Repointed Ten Years Ago								
Masonry: Brick	77%			LIFE	* *	5	$85,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Granite Panels	3%			LIFE	* *	5	$2,500	
Windows								
Aluminum	100%	Now	$65,600	2039	* *	5	$15,700	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,300	
Masonry: Brick	90%			LIFE	* *	5	$7,300	
Roof								
Asphalt Macadam	15%	Now	$3,200	2023	$15,900	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Over Old Coal Bunker								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Old Coal Bunker								
Built-Up (BUR)	80%	Now	$113,700	2033	* *			
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 503, 504								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Main Roof								
Skylight, Metal/Glass	5%			2043	* *	10	$5,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,500	
Ceramic Tile	5%			2032	* *	5	$4,500	
Marble Panels	3%			LIFE	* *	5	$2,000	
Terrazzo	5%	Now	$20,800	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%			2023	$55,400	5	$5,600	
Vinyl Tile	22%	Now	$8,400	2028	* *	3	$7,400	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 201 And Cafeteria, Water Is Coming Through Sub Floor								
Vinyl Tile	40%			2018	$303,700	3	$13,400	
Wood	10%			2038	* *	5	$16,700	
Interior Walls								
Cast in Place Concrete	5%	0-2	$17,600	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Old Coal Bunker & Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Old Coal Bunker								
Ceramic Tile	5%			2026	$153,400	5	$5,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$26,700	
Ceilings								
AcousTileConcealSpLn	5%	Now	$3,600	2028	* *	5	$2,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%	Now	$21,500	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Old Coal Bunker, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Old Coal Bunker, Throughout								
Plaster	80%			LIFE	* *	5	$44,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 800 Amps								
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	75%			2039	* *	5	$1,100	
Molded Case Bkrs	20%			2022	$20,900	5	$300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	75%			2021	$34,000	5	$300	
Locally Mounted	25%			2036	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$53,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2018	$4,800	10		
Incandescent	1%			2023	$6,600	2		
Egress Lighting								
Exit, Service	10%			2028	* *	1		
Exit, Battery	90%			2028	* *	10	$3,600	
Exterior Lighting								
HID	100%			2023	$219,000	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2023	$35,100	1	$4,300	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$7,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 7000 Gals								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$59,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$4,400	
Terminal Devices								
Air Handler	20%	Now	$3,200	2023	$64,300	1	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Basement								
Explanation : Flexible Connection Is Broken .								
Convector/Radiator	80%	Now	$90,200	2028	* *	1	$13,900	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Radiators Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2031	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Split Unit With Fan Coil Unit								
Explanation : Refrigerant 410a								
Window/Wall Unit	10%			2018	$12,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,300	
Exhaust Fans								
Interior	100%	Now	$3,300	2023	$65,900	2	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Flexible Connection Is Broken								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - BK

Asset # : 1368

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$13,900	2	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 135 - Q**
Address : **207-11 89 AVENUE BTWN: 207 ST., 208 ST.**
Borough : **QUEENS**
Agency's Number : **Q135**
Program / Asset # : **BOE0783.000 / 2537**
Yr Built/Renovated : **1930 / 2015**
Area Sq Ft : **100,000**
Project Type : **EDUCATION**
Date of Survey : **02-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **10582** **Lot** : **16**
BIN : **4225816**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$145,300	$88,700
Interior Architecture	$207,300	$729,900
Electrical	$204,400	$2,018,900
Mechanical	$35,800	$433,700
Total	**$592,800**	**$3,271,200**
Importance Code A	$145,300	$88,700
Importance Code B	$409,200	$3,182,500
Importance Code C	$38,300	
Total	**$592,800**	**$3,271,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,100			
Interior Architecture	$90,800		$15,300	$17,300
Electrical	$46,700	$7,000	$13,900	$7,700
Mechanical	$93,400	$23,700	$26,600	$18,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$304,000**	**$38,500**	**$63,600**	**$51,400**
Importance Code A	$74,200	$9,100	$9,100	$9,100
Importance Code B	$194,200	$29,400	$54,500	$42,200
Importance Code C	$35,600			
Total	**$304,000**	**$38,500**	**$63,600**	**$51,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%			LIFE	* *	5	$74,700	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1929 Wing								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1929 Wing								
Masonry: Brick Cavity	35%			LIFE	* *	5	$65,400	
Masonry: Brick Cavity	20%			LIFE	* *	5	$37,300	
Masonry: Limestone	5%	Now	$56,600	LIFE	* *	5	$3,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1929 Wing								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Corners Of 1929 Wing								
Windows								
Aluminum	95%			2042	* *	5	$33,000	
Glass Block	5%			LIFE	* *	5	$2,200	
Parapets								
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$27,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$12,400	
Under Construction	75%							
Roof								
Copper/Terne	5%			2041	* *	10	$13,600	
Single Ply Membrane	25%	Now	$18,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Of 2000 Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Of 2000 Wing								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Over Second Floor Of 2000 Wing								
Explanation : Expansion Joint Failure								
Skylight, Metal/Glass	5%			2046	* *	10	$18,100	
Under Construction	65%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$67,200	
Ceramic Tile	5%			2035	* *	5	$7,700	
Terrazzo	5%			LIFE	* *	5	$12,000	
Vinyl Tile	30%			2026	$391,600	3	$23,000	
Vinyl Tile	20%	Now	$52,200	2031	* *	3	$11,500	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2000 Wing								
Explanation : Expansion Joint Failure Due To Expansion And Contraction								
Vinyl Tile 9" X 9"	20%			2021	$338,300	3	$15,400	
Wood	10%			2041	* *	5	$28,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,200	
Concrete Masonry Unit	20%			LIFE	* *	5	$24,700	
Masonry: Brick	10%			LIFE	* *	10	$4,600	
Plaster	45%			LIFE	* *	5-10	$59,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$15,500	
Ceilings								
AcousTileSusp.Lay-In	5%			2031	* *	5	$7,600	
AcousTileSusp.Lay-In	20%			2039	* *	5	$30,500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Corridors Of 2000 Wing, Rooms 206, 210, 211, 213								
Exposed Concrete	35%			LIFE	* *	5-10	$66,700	
Exposed Struc: Steel	2%			LIFE	* *	10	$6,100	
Fiber Board	3%			2026	$29,900			
Plaster	35%			LIFE	* *	5-10	$91,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200a Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Enclosure Corroded, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room								
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	20%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Rm,Sub Basement & Rm. 108								
Fused Toggle Switch	10%	2-4	$17,900	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	50%			2025	$89,700	5	$1,300	
Molded Case Bkrs	20%			2034	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Building								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	20%			2039	* *	5	$100	
Locally Mounted	80%			2024	$60,400	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$30,800	
Generators								
Diesel	100%			2029	* *	1	$38,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One160 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$22,300	
Fuel Storage								
Day Tank	50%			2034	* *	5	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 100 Gal								
Main Tank	50%			2041	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside Vault								
Explanation : One 550 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	65%			2036	* *	10	$61,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
Fluorescent	20%			2026	$227,900	10	$18,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T- 8 Lamps								
Fluorescent	10%			2036	* *	10	$9,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement & Sub-basement								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Emergency, Service	10%			2026	$5,000	1		
Exit, Service	10%			2036	* *	1		
Exit, Service	30%			2026	$8,300	1		
Exterior Lighting								
HID	20%			2026	$75,500	10	$100	
HID	80%			2021	$302,100	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$1,035,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby And Hallways								
Explanation : Fire Alarm System Is Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1- 8,000 Gallon Tank								
Interruptible Gas/Dual Fuel	80%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2031	* *	1	$10,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : Top Floor Of New Addition Only								
Steam Boiler	80%			2039	* *	1	$81,300	
Distribution								
Steam Piping/Pump	100%	0-2	$35,800	2036	* *	4	$5,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2031	* *	1	$12,700	
Convector/Radiator	60%	0-2	$29,100	2031	* *	1	$17,900	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2026	$307,200	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2031	* *	2	$1,300	
Window/Wall Unit	60%			2021	$126,500	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,600	
Exhaust Fans								
Interior	70%			2031	* *	2	$2,200	
Roof	30%			2031	* *	2	$900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$23,900	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$14,300	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2026	$9,700	1	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 135 - Q

Asset # : 2537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-2, 1-2								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2052	* *	1-2	$5,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 136 - Q**		
Address	**: 201-15 115 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q136**
Program / Asset #	**: BOE0784.000 / 1539**	**Yr Built/Renovated**	**: 1928 / 2014**
Area Sq Ft	**: 71,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 20-Dec-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 11018** **Lot : 21**	**BIN**	**: 4236757**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$484,000
Interior Architecture	$300,200	$125,100
Electrical	$1,056,300	$471,800
Mechanical	$274,800	$899,500
Total	**$1,631,400**	**$1,980,400**
Importance Code A		$521,000
Importance Code B	$1,631,400	$1,459,400
Total	**$1,631,400**	**$1,980,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,300			$7,100
Interior Architecture	$3,400	$11,200	$2,700	$22,100
Electrical	$800	$1,000	$1,500	$9,900
Mechanical	$11,600	$12,200	$16,900	$41,300
Total	**$20,100**	**$24,400**	**$21,000**	**$80,400**
Importance Code A	$11,500	$7,200	$7,200	$14,400
Importance Code B	$8,600	$14,400	$13,800	$66,000
Importance Code C		$2,700		
Total	**$20,100**	**$24,400**	**$21,000**	**$80,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Under Construction	95%							
Windows								
Aluminum	35%			2047	* *	5	$8,600	
Under Construction	65%							
Parapets								
Under Construction	100%							
Roof								
IRMA/Protected Membrane	70%			2025	$430,000	10	$53,900	
Metal Panel	5%			2030	* *	10	$7,100	
Roll Roofing	5%			2021	$15,900	5	$6,400	
Under Construction	20%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,800	
Ceramic Tile	5%			2034	* *	5	$5,500	
Quarry Tile	5%			2038	* *	5	$8,200	
Terrazzo	3%			LIFE	* *	5	$2,600	
Traffic Topping	5%			2025	$67,600	5	$6,800	
Vinyl Tile	32%			2030	* *	3	$13,100	
Vinyl Tile 9" X 9"	25%			2020	$300,200	3	$13,600	
Wood	15%			2040	* *	5	$30,700	
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$5,500	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	78%			LIFE	* *	5	$25,700	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Metal Panel	5%			LIFE	* *	5	$6,800	
Plaster	85%			LIFE	* *	5	$57,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	5%			2045	* *	5		
Fused Disc Sw	95%			2025	$139,300	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	20%			2041	* *	5	$400	
Molded Case Bkrs	70%			2024	$94,200	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2038	* *	5	$200	
Locally Mounted	50%			2023	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	80%			2020	$647,200	10	$53,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Fluorescent	20%			2030	* *	10	$13,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$64,400	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$220,600	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Manual Pull Station And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 8000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%			2045	* *	4	$1,100	
Steam Piping/Pump	80%			2025	$406,800	4	$4,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Terminal Devices								
Air Handler	40%			2020	$157,100	1	$18,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	40%	Now	$27,500	2023	$275,200	1	$8,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms, Defective Steam Traps, Thermostats And Control Valves								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Classrooms Primarily, Radiators Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	20%	Now	$13,800	2030	* *	1	$4,200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Hallway And Stairways, Defective Thermostatic Steam Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$29,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Exhaust Fans								
Interior	95%			2020	$76,500	2	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	5%			2025	$2,900	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q

Asset # : 1539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2023	$217,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Domestic Water Piping Beyond Useful Life Cycle Rating								
Water Heater								
Gas Fired	100%			2023	$16,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 136 - Q MINISCHOOL**
Address : **201-15 115TH AVE. ST. ALBANS**
Borough : **QUEENS**
Agency's Number : **Q822**
Program / Asset # : **BOE0784.010 / 32**
Yr Built/Renovated : **1970 /**
Area Sq Ft : **9,120**
Project Type : **EDUCATION**
Date of Survey : **20-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **11018** **Lot** : **21** **BIN** : **4236757**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$52,100	
Interior Architecture		$112,100
Electrical	$103,000	$48,900
Mechanical	$119,500	
Total	**$274,600**	**$161,000**
Importance Code A	$52,100	
Importance Code B	$222,500	$161,000
Total	**$274,600**	**$161,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,600	$1,100		
Interior Architecture		$7,600	$2,000	
Electrical	$100	$100	$200	$43,100
Mechanical	$600	$600	$1,400	$22,200
Total	**$21,300**	**$9,400**	**$3,600**	**$65,300**
Importance Code A	$21,000	$1,600	$500	$11,800
Importance Code B	$300	$7,800	$2,800	$53,500
Importance Code C			$300	
Total	**$21,300**	**$9,400**	**$3,600**	**$65,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q MINISCHOOL

Asset # : 32

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$20,600	2035	* *	5	$26,800	
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2033	* *	5	$2,200	
Roof								
Metal Panel	100%			2038	* *	10	$52,100	
Interior								
Floors								
Mosaic Tile	5%			2038	* *	5	$1,700	
Vinyl Tile	95%			2025	$112,100	3	$4,900	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$600	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,500	
Metal Panel	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2038	* *	5	$13,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$48,900	5		
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Fused Disc Sw	30%			2024	$6,700	5	$100	
Molded Case Bkrs	70%			2024	$15,700	5	$200	
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q MINISCHOOL

Asset # : 32

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$103,000	10	$8,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$34,400	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$8,300	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Manual Pull Stations, Strobe Lights And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2020	$11,300	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Gas Fired Furnaces								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2019	$119,500	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,200	
Exhaust Fans								
Interior	100%			2020	$10,300	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 136 - Q MINISCHOOL

Asset # : 32

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2035	* *	1		
Galv Iron/Steel	90%			2030	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 137 - BK**
Address : **121 SARATOGA AVENUE BTWN BAINBRIDGE ST - CHAUNCEY ST**
Borough : **BROOKLYN** **Agency's Number** : **K137**
Program / Asset # : **BOE0442.000 / 1370** **Yr Built/Renovated** : **1902 / 2000**
Area Sq Ft : **46,000** **Project Type** : **EDUCATION**
Date of Survey : **05-Oct-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1510** **Lot** : **1** **BIN** : **3040878**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$156,200	$167,400
Interior Architecture	$503,800	$393,500
Electrical	$144,500	$699,400
Mechanical	$48,600	$444,600
Total	**$853,100**	**$1,704,900**
Importance Code A	$156,200	$167,400
Importance Code B	$559,700	$1,537,500
Importance Code C	$137,200	
Total	**$853,100**	**$1,704,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$5,900	
Interior Architecture	$55,500	$5,100		$2,700
Electrical	$900	$1,100	$59,600	$600
Mechanical	$29,700	$6,600	$43,300	$9,800
Total	**$86,100**	**$12,900**	**$108,800**	**$13,100**
Importance Code A	$4,700	$4,700	$10,700	$4,700
Importance Code B	$59,500	$8,200	$98,100	$8,400
Importance Code C	$21,900			
Total	**$86,100**	**$12,900**	**$108,800**	**$13,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$97,000	
Masonry: Brick	85%	Now	$106,200	LIFE	* *	5	$70,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Side								
Windows								
Aluminum	100%	4+	$50,000	2040	* *	5	$11,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	80%			2033	* *	10	$3,900	
Built-Up (BUR)	20%			2029	* *	10	$5,900	
Interior								
Floors								
Ceramic Tile	5%	0-2	$20,600	2027	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$5,300	
Vinyl Tile	30%	0-2	$9,000	2019	$180,700	3	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	58%			2024	$349,300	3	$15,400	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Wood	2%			2052	* *	5	$2,700	
Interior Walls								
Ceramic Tile	3%	0-2	$21,900	2027	* *	5	$1,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Lobby								
Plaster	97%	0-2	$137,200	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ceilings								
Plaster	100%	0-2	$185,900	LIFE	* *	5	$44,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	100%			2024	$69,400	1		
Panelboards								
Molded Case Bkrs	80%			2023	$83,700	5	$1,000	
Molded Case Bkrs	20%			2032	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$73,100	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$18,300	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2024	$504,600	10	$41,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	1%			2019	$3,800	10		
Incandescent	3%			2019	$15,800	2		
Egress Lighting								
Emergency, Service	50%			2019	$11,600	1		
Exit, Service	50%			2019	$6,400	1		
Exterior Lighting								
HID	100%			2029	* *	10	$100	
Alarm								
Security System								
No Component	85%							
Generic	15%			2019	$20,900	1	$2,600	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$71,500	1-3	$4,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$46,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$16,500	2034	* *	4	$2,300	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats Throughout								
Terminal Devices								
Air Handler	10%	Now	$2,600	2019	$25,500	1	$2,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement Cafeteria								
Convector/Radiator	90%			2022	$402,200	1	$13,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	$48,600	1		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%	2-4	$800	2022	$42,400	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2019	$11,000	2	$700	
HW Heat Exchanger								
Low Temp	100%			2024	$14,700	4	$4,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2024	$4,500	1	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 137 - BK

Asset # : 1370

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Other Observation, Extent : Moderate, Area Affected : 2%
Location : 2nd Floor Girls Bath Room
Explanation : Cold Water Pipe Has Detached From The Supporting Wall

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 138 - BK**
Address : **801 PARK PLACE BTWN: ROGERS AVE., NOSTRAND AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K138**
Program / Asset # : **BOE0443.000 / 1344** | **Yr Built/Renovated** : **1902 / 2008**
Area Sq Ft : **137,000** | **Project Type** : **EDUCATION**
Date of Survey : **09-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **1233** **Lot** : **26** | **BIN** : **3330794**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,512,900	$514,400
Interior Architecture	$1,683,500	$235,700
Electrical	$340,100	$2,378,300
Mechanical	$247,300	$155,500
Total	**$3,783,800**	**$3,283,900**
Importance Code A	$1,512,900	$543,800
Importance Code B	$2,081,200	$2,669,200
Importance Code C	$189,600	$70,900
Total	**$3,783,800**	**$3,283,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$74,900		$20,800	
Interior Architecture	$126,300		$13,200	$11,900
Electrical	$18,800	$1,500	$2,000	$2,800
Mechanical	$71,300	$28,500	$35,000	$31,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$295,200**	**$34,000**	**$74,900**	**$49,600**
Importance Code A	$88,800	$14,000	$34,700	$14,000
Importance Code B	$156,400	$20,000	$40,200	$35,700
Importance Code C	$50,000			
Total	**$295,200**	**$34,000**	**$74,900**	**$49,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$385,300	
Masonry: Brick	75%	Now	$558,100	LIFE	* *	5	$185,000	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Foundation								
Masonry: Granite	5%	Now	$72,900	LIFE	* *	5	$9,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$18,500	
Metal Panel	5%			2052	* *	5-10	$84,800	
Windows								
Aluminum	100%	Now	$595,300	2048	* *	5	$35,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Copper/Terne	5%			2061	* *	5	$5,600	
Masonry: Brick	70%			LIFE	* *	5-10	$110,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$14,000	
Metal: Cage/Fence	20%			2039	* *	5-10	$35,600	
Roof								
Built-Up (BUR)	45%	Now	$18,100	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%	Now	$11,800	2054	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 30%								
Location : Throughout								
Modified Bitumen	45%			2036	* *	10	$39,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2046	* *	10	$14,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 4 Units								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$21,900	LIFE	* *	5	$46,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$20,400	2035	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$15,800	
Sheet Vinyl/Rubber	5%	2-4	$62,600	2031	* *	5	$7,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terrazzo	10%	0-2	$49,000	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2034	* *	3	$15,800	
Vinyl Tile	35%	0-2	$627,700	2036	* *	3	$27,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$232,300	2036	* *	3	$7,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	8%	Now	$29,000	2035	* *	5	$10,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement Paint Storage								
Plaster	90%	0-2	$189,600	LIFE	* *	5	$70,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$42,000	
Ceilings								
Embossed Metal	5%	0-2	$185,400	LIFE	* *	5	$4,700	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	5%	0-2	$33,900	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	Now	$221,500	LIFE	* *	5	$52,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rooms 403 And 410								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 403 And 410								
Plaster	50%			LIFE	* *	5-10	$181,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps & One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$175,900	5	$500	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	30%			2042	* *	5	$1,100	
Molded Case Bkrs	60%			2025	$134,500	5	$2,200	
Wiring								
Braided Cloth	70%	2-4	$243,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Some Areas								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	75%			2024	$86,300	5	$700	
Locally Mounted	25%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	20%			2031	* *	10	$25,800	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	75%			2021	$1,174,000	10	$96,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$6,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium & Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	20%			2021	$38,000	10	$6,800	
Emergency, Battery	30%			2031	* *	10	$10,200	
Exit, Service	20%			2021	$7,600	1		
Exit, Service	30%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$517,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,400	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$2,900	2046	* *	1		
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Basement - Defective Fuel Oil Pump Seals								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 6,000 Gallon Tank. Using Oil #2								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$139,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 - Steam Boilers, Boiler #2 Under Construction								
Distribution								
Steam Piping/Pump	100%	Now	$98,400	2036	* *	4	$6,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	15%	Now	$114,000	2036	* *	1	$11,800	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Convector/Radiator	85%			2031	* *	1	$38,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	15%	Now	$13,000	2021	$43,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms And Office Spaces - An Assortment Of Defects								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$124,400	
Exhaust Fans								
Roof	100%			2021	$112,000	2	$4,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$21,000	2031	* *	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement - Defective Water Booster Pumping System								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Area								
Water Heater								
Gas Fired	100%			2026	$32,800	2	$2,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : One Unit In Basement								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$13,900	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1 Of 2 Sump Pump Not Working In The Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Building B, 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2036	* *	1-2	$5,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK

Asset # : 1344

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : In The Kitchen								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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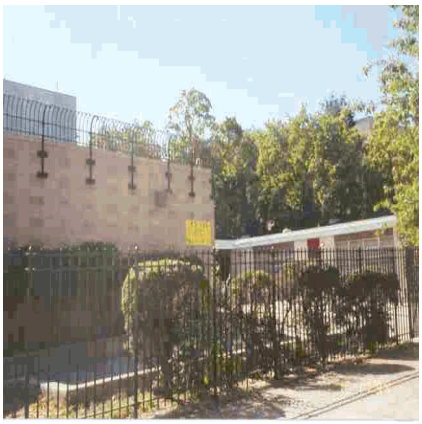
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 138 - BK ANNEX**		
Address	: **960 PROSPECT PLACE BTWN: ROGERS AVE., NOSTRAND AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K867**
Program / Asset #	: **BOE0443.010 / 12**	**Yr Built/Renovated**	: **1973 / 2001**
Area Sq Ft	: **9,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1235** **Lot** : **37**	**BIN**	: **3031296**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$187,400
Total		**$187,400**
Importance Code B		$187,400
Total		**$187,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,700			
Interior Architecture	$42,300			$1,600
Electrical	$1,300			$100
Mechanical	$1,700	$500	$300	$500
Total	**$73,900**	**$500**	**$300**	**$2,200**
Importance Code A	$28,700			
Importance Code B	$40,300	$500	$300	$2,200
Importance Code C	$5,000			
Total	**$73,900**	**$500**	**$300**	**$2,200**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK ANNEX

Asset # : 12

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%	Now	$26,100	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	7%	Now	$1,500	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			2046	* *	5-10	$2,900	
Windows								
Aluminum	100%			2042	* *	5	$2,200	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$28,000	
Interior								
Floors								
Ceramic Tile	5%	Now	$700	2035	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	95%	0-2	$22,100	2031	* *	3	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$4,800	
Plywood/Hardboard	50%	Now	$2,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	$16,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$48,900	5		
Raceway								
Conduit	100%			2026	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2025	$2,200	5		
Molded Case Bkrs	90%			2025	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2026	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - BK ANNEX

Asset # : 12

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2021	$6,200	10	$1,100	
Exit, Service	50%			2021	$1,200	1		
Exterior Lighting								
HID	100%			2021	$34,000	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$93,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2036	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2036	* *	1	$3,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$5,000	2	$600	
Ventilation								
Exhaust Fans								
Interior	100%			2026	$10,100	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$1,400	2031	* *	1		
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Hot Water Circulating Pump Not Working								
Water Heater								
Electric	100%			2025	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 138 - Q**		
Address	: **253 ST & WELLER AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q138**
Program / Asset #	: **BOE0785.000 / 972**	**Yr Built/Renovated**	: **1931 / 2008**
Area Sq Ft	: **92,539**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **13578** **Lot** : **1**	**BIN**	: **4288640**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$223,900	$103,300
Interior Architecture	$232,000	$69,300
Electrical	$1,431,200	$200,700
Mechanical	$99,800	$580,300
Total	**$1,986,900**	**$953,500**
Importance Code A	$223,900	$103,300
Importance Code B	$1,665,200	$850,200
Importance Code C	$97,700	
Total	**$1,986,900**	**$953,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,400			
Interior Architecture	$115,200		$26,400	$10,400
Electrical	$3,000	$1,900	$83,800	$3,300
Mechanical	$45,400	$12,800	$61,800	$14,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$177,900**	**$18,700**	**$175,900**	**$31,700**
Importance Code A	$17,200	$6,900	$7,400	$6,900
Importance Code B	$81,300	$11,800	$168,500	$24,900
Importance Code C	$79,400			
Total	**$177,900**	**$18,700**	**$175,900**	**$31,700**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$155,900	LIFE	* *	5	$103,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	100%	Now	$68,000	2040	* *	5	$16,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$10,600	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Roof								
Single Ply Membrane	100%	0-2	$10,400	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,300	
Ceramic Tile	5%	Now	$134,200	2039	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Bathrooms								
Quarry Tile	5%			2037	* *	5	$10,400	
Terrazzo	5%	Now	$16,100	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	10%	0-2	$5,900	2029	* *	3	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%			2032	* *	3	$34,600	
Wood	15%			2059	* *	5	$39,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$97,700	2039	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Bathrooms Throughout								
Masonry: Brick	15%	Now	$34,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Marble Panels	2%	Now	$18,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Lobby								
Plaster	55%	0-2	$26,000	LIFE	* *	5	$19,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$13,900	
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Plaster	80%			LIFE	* *	5	$69,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2024	$13,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Molded Case Bkrs	35%			2044	* *	5	$900	
Switchgear / Switchboard								
Fused Disc Sw	30%			2044	* *	5	$100	
Fused Knife Sw	60%	2-4	$102,600	2054	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2044	* *	5	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	65%			2040	* *	5	$1,600	
Molded Case Bkrs	20%			2032	* *	5	$500	
Wiring								
Braided Cloth	70%	0-2	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	40%			2037	* *	5	$300	
Locally Mounted	60%			2022	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	70%			2019	$719,500	10	$59,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	25%			2029	* *	10	$21,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2019	$14,800	10	$100	
Incandescent	3%			2019	$30,800	2	$100	
Egress Lighting								
Emergency, Service	50%			2019	$22,800	1		
Exit, Service	50%			2019	$12,500	1		
Exterior Lighting								
HID	100%			2019	$349,500	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$20,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2044	* *	1		
Interruptible Gas/Dual Fuel	50%			2044	* *	1		
Conversion Equipment								
Furnace	50%			2029	* *	1	$22,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 13 Units (7 For New Wing, 6 For Old Wing)								
Steam Boiler	50%			2037	* *	1	$45,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	50%	Now	$32,300	2034	* *	4	$2,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump Noisy, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
No Component	50%							
Terminal Devices								
Air Handler	20%			2019	$99,800	1	$11,400	
Convector/Radiator	50%			2022	$437,100	1	$14,900	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2029	* *	2	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 13 Package Units								
Window/Wall Unit	10%			2019	$19,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$36,100	
No Component	30%							
Exhaust Fans								
Interior	50%			2024	$51,100	2	$1,400	
Roof	50%			2024	$36,800	2	$1,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 - Q

Asset # : 972

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2044	* *	1		
Galv Iron/Steel	20%			2022	$55,300	1		
Water Heater								
Gas Fired	100%			2019	$21,500	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1r, 1f, 2r, 2f, 3r, 3f							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2044	* *	1-5	$14,500	
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$7,800	
Fire Pump								
No Component	70%							
Generic	30%			2033	* *	1	$5,200	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 138 -BX**		
Address	: **2060 LAFAYETTE AVENUE @OLMSTEAD AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X138**
Program / Asset #	: **BOE0275.000 / 403**	**Yr Built/Renovated**	: **1958 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3609** **Lot** : **16**	**BIN**	: **2022289**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$160,000	$519,800
Interior Architecture	$556,100	$284,100
Electrical	$1,536,700	$584,200
Mechanical	$89,800	$692,300
Total	**$2,342,700**	**$2,080,400**
Importance Code A	$160,000	$911,400
Importance Code B	$2,182,700	$1,169,000
Total	**$2,342,700**	**$2,080,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$24,400		$12,300
Interior Architecture	$4,400	$26,800		$2,700
Electrical	$3,300	$64,600	$2,400	$2,400
Mechanical	$12,500	$33,400	$20,800	$10,200
Total	**$20,100**	**$149,300**	**$23,200**	**$27,700**
Importance Code A	$7,200	$31,800	$7,200	$19,600
Importance Code B	$11,300	$117,500	$16,000	$8,100
Importance Code C	$1,600			
Total	**$20,100**	**$149,300**	**$23,200**	**$27,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 -BX

Asset # : 403

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$15,500	
Masonry: Brick	80%	Now	$160,000	LIFE	* *	5	$53,000	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Foundation								
Metal Panel	15%			2033	* *	5-10	$68,400	
Windows								
Aluminum	100%			2045	* *	5	$24,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$2,200	
Masonry: Brick	93%			LIFE	* *	5	$13,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	97%			2023	$342,300	10	$74,700	
Copper/Terne	3%			2038	* *	10	$5,800	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$16,700	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	3%			2026	$63,400	5	$3,300	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	20%			2023	$185,400	3	$10,900	
Vinyl Tile	60%			2018	$556,100	3	$24,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$10,200	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$3,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$23,000	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$27,100	
Exposed Concrete	65%			LIFE	* *	5	$11,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$35,400			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 -BX

Asset # : 403

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$146,600	5	$1,900	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	85%			2022	$114,400	5	$1,600	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$34,800	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2018	$760,500	10	$62,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$17,400	10	$100	
Incandescent	3%			2018	$24,300	2	$100	
Egress Lighting								
Emergency, Battery	30%			2018	$29,500	10	$5,300	
Emergency, Battery	20%			2028	* *	10	$3,500	
Exit, Service	50%			2018	$9,800	1		
Exterior Lighting								
HID	100%			2018	$268,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$64,400	1	$8,000	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$294,200	1-3	$17,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 138 -BX

Asset # : 403

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$179,400	5	$22,600	
Conversion Equipment								
Steam Boiler	100%			2021	$354,600	1	$72,100	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : #1 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,400	
Terminal Devices								
Air Handler	30%			2023	$117,800	1	$13,500	
Convector/Radiator	70%			2028	* *	1	$16,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$89,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Exhaust Fans								
Interior	30%			2023	$24,200	2	$700	
Roof	70%			2023	$40,500	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$22,600	4	$7,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 139 - BK**
Address : **330 RUGBY RD. @ CORTELYOU ROAD**
Borough : **BROOKLYN**
Agency's Number : **K139**
Program / Asset # : **BOE0445.000 / 1346**
Yr Built/Renovated : **1902 / 2011**
Area Sq Ft : **90,000**
Project Type : **EDUCATION**
Date of Survey : **13-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4,P**
Block : **5144** **Lot** : **64** **BIN** : **3328235**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$766,300	$296,600
Interior Architecture	$1,032,900	$859,200
Electrical	$624,200	$1,536,200
Mechanical	$675,100	$1,761,700
Total	**$3,098,500**	**$4,453,700**
Importance Code A	$1,217,000	$296,600
Importance Code B	$1,729,300	$3,919,000
Importance Code C	$152,300	$238,100
Total	**$3,098,500**	**$4,453,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,000			
Interior Architecture	$40,400			$15,900
Electrical	$20,800	$3,600	$1,700	$1,800
Mechanical	$37,200	$12,800	$20,900	$12,800
Total	**$102,300**	**$16,400**	**$22,600**	**$30,500**
Importance Code A	$4,000	$9,400	$9,200	$9,200
Importance Code B	$74,500	$7,000	$13,400	$21,300
Importance Code C	$23,800			
Total	**$102,300**	**$16,400**	**$22,600**	**$30,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$65,900	LIFE	* *	5	$63,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	95%	Now	$464,400	LIFE	* *	5	$153,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$195,500	2039	* *	5	$23,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,700	
Masonry: Brick	90%			LIFE	* *	5	$13,600	
Roof								
Built-Up (BUR)	70%			2028	* *	10	$40,500	
Built-Up (BUR)	30%	Now	$4,000	2023	$79,400			
Patching Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%	Now	$4,000	2026	$80,600	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	40%			2023	$471,300	3	$27,700	
Vinyl Tile	52%	Now	$122,500	2018	$612,600	3	$27,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$23,800	2026	$238,100	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%	Now	$152,300	LIFE	* *	5	$28,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$5,600	2028	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$2,200	
Plaster	80%	Now	$145,500	LIFE	* *	5	$69,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$400	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Molded Case Bkrs	75%			2048	* *	5	$1,800	
Molded Case Bkrs	10%			2031	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$204,400	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2033	* *	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	65%			2021	$49,100	5	$400	
Locally Mounted	25%	2-4	$18,900	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Motor Control Center	10%			2021	$29,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2023	$874,100	10	$72,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2023	$36,900	10	$200	
Incandescent	10%			2018	$102,800	2	$200	
Exterior Lighting								
HID	100%			2023	$339,900	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$316,900	1-3	$18,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$45,600	2023	$228,000	5	$14,300	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : One Oil Tank Out Of Two Is Under Repair								
Conversion Equipment								
Steam Boiler	100%	Now	$450,700	2043	* *	1	$82,500	
Insul. Deteriorating, Extent : Severe, Area Affected : 10%								
Location : Both Boilers								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : 2 Boilers Basement								
Distribution								
Steam Piping/Pump	100%	Now	$64,600	2023	$646,400	4	$4,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pumps Obsolete								
Explanation : Basement								
Terminal Devices								
Air Handler	20%	Now	$5,000	2023	$99,800	1	$10,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Heating Coil								
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Pneumatic Control System								
Convector/Radiator	80%			2021	$699,500	1	$23,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - BK

Asset # : 1346

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2018	$114,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,600	
Exhaust Fans								
Interior	50%	Now	$2,600	2023	$51,200	2	$1,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Roof	50%	Now	$1,800	2023	$36,800	2	$1,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,500	2	$1,300	
HW Heat Exchanger								
Low Temp	100%	Now	$2,900	2033	* *	4	$9,200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : Circulation Pumps								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Bathrooms Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 139 - Q**		
Address	**: 93-06 63 DRIVE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q139**
Program / Asset #	**: BOE0786.000 / 1540**	**Yr Built/Renovated**	**: 1929 / 2013**
Area Sq Ft	**: 67,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 31-Oct-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 3095 Lot : 50**	**BIN**	**: 4072457**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$244,000	$169,700
Interior Architecture	$113,300	$45,000
Electrical	$166,700	$765,500
Mechanical	$93,600	$41,100
Total	**$617,600**	**$1,021,200**
Importance Code A	$244,000	$169,700
Importance Code B	$373,600	$851,500
Total	**$617,600**	**$1,021,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$29,000		$14,500
Interior Architecture	$1,300	$25,500		$34,700
Electrical	$800	$1,000	$1,300	$9,700
Mechanical	$14,200	$44,700	$19,800	$39,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$20,100**	**$104,100**	**$25,100**	**$102,400**
Importance Code A	$5,800	$34,800	$5,800	$20,500
Importance Code B	$14,400	$67,800	$19,300	$81,900
Importance Code C		$1,600		
Total	**$20,100**	**$104,100**	**$25,100**	**$102,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$14,700	
Masonry: Brick	42%			LIFE	* *	5	$26,300	
Masonry: Brick Cavity	41%			LIFE	* *	5	$25,600	
Masonry: Limestone	5%			LIFE	* *	5	$2,300	
Masonry: Limestone	2%			LIFE	* *	5	$900	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,200	
Windows								
Aluminum	75%			2041	* *	5	$17,500	
Aluminum	25%	Now	$244,000	2050	* *	5	$2,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50% *Location : 1960 Wing*								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$6,600	
Masonry: Brick Cavity	25%			LIFE	* *	5	$3,300	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Rail	20%			2038	* *	5-10	$47,700	
Roof								
Copper/Terne	3%			2053	* *	10	$5,500	
IRMA/Protected Membrane	23%			2025	$133,300	10	$16,700	
Modified Bitumen	50%			2035	* *	10	$36,400	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1929 Wing*								
Roll Roofing	2%			2021	$6,000	5	$2,400	
Single Ply Membrane	20%			2030	* *	10	$14,500	
Skylight, Metal/Glass	2%			2035	* *	10	$4,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$45,000	
Mosaic Tile	3%			2030	* *	5	$7,700	
Terrazzo	10%			LIFE	* *	5	$8,000	
Vinyl Tile	37%			2030	* *	3	$14,300	
Vinyl Tile 9" X 9"	10%			2020	$113,300	3	$5,100	
Wood	20%			2040	* *	5	$38,600	
Interior Walls								
Ceramic Tile	3%			2028	* *	5	$3,100	
Concrete Masonry Unit	8%			LIFE	* *	5	$3,300	
Glazed Ceramic Panel	2%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$12,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$10,900	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$20,400	
AcousTileConcealSpLn	30%			2038	* *	5	$38,300	
Exposed Concrete	5%			LIFE	* *	5	$800	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$6,400	
Plaster	35%			LIFE	* *	5	$22,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	50%			2045	* *	5	$100	
Molded Case Bkrs	50%			2025	$73,300	5	$900	
Raceway								
Conduit	60%			2025	$74,300	1		
Conduit	40%			2045	* *	1		
Panelboards								
Molded Case Bkrs	60%			2024	$80,700	5	$1,100	
Molded Case Bkrs	40%			2041	* *	5	$700	
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	40%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	99%			2030	* *	10	$62,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2025	$5,500	10		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,300	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$253,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$60,800	1	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$208,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2045	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2030	* *	1	$10,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 12 Roof Top Units								
Steam Boiler	70%			2038	* *	1	$47,700	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Main Building Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%			2035	* *	4	$2,400	
No Component	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2020	$55,600	1	$6,400	
Convector/Radiator	55%			2030	* *	1	$12,200	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2030	* *	2	$1,300	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 12 Roof Top Units								
Window/Wall Unit	5%			2020	$7,100	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	50%			2020	$38,000	2	$1,100	
Roof	50%			2030	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$41,100	1		
Water Heater								
Gas Fired	100%			2020	$16,000	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-2								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 139 - Q

Asset # : 1540

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$10,400	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$5,800	
Fire Pump								
No Component	70%							
Generic	30%			2034	* *	1	$3,900	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 14 - BX**
Address : **3041 BRUCKNER BOULEVARD BTWN: BAISLEY AVE., HOLLYWOOD AV**
Borough : **BRONX** | **Agency's Number** : **X014**
Program / Asset # : **BOE0165.000 / 506** | **Yr Built/Renovated** : **1928 / 1997**
Area Sq Ft : **48,000** | **Project Type** : **EDUCATION**
Date of Survey : **30-Apr-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **5313** **Lot** : **92** | **BIN** : **2072754**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$500,700	$226,700
Interior Architecture	$231,800	$376,000
Electrical	$870,400	$125,300
Mechanical		$79,600
Total	**$1,602,900**	**$807,600**
Importance Code A	$500,700	$226,700
Importance Code B	$1,012,900	$580,900
Importance Code C	$89,300	
Total	**$1,602,900**	**$807,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,300			
Interior Architecture	$97,500			$5,500
Electrical	$19,900	$200	$400	$73,400
Mechanical	$25,300	$9,100	$26,300	$19,700
Total	**$159,100**	**$9,300**	**$26,800**	**$98,600**
Importance Code A	$31,600	$4,900	$4,900	$4,900
Importance Code B	$102,400	$4,400	$21,900	$93,700
Importance Code C	$25,000			
Total	**$159,100**	**$9,300**	**$26,800**	**$98,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$273,800	LIFE	* *	5	$45,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Masonry: Granite	5%	Now	$14,900	LIFE	* *	5	$1,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%	Now	$149,100	2041	* *	5	$8,900	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$41,500	LIFE	* *	5	$7,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Inside Face								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,400	
Roof								
Built-Up (BUR)	95%	Now	$36,300	2025	$181,300			
Air/Water Blisters, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over 4th Floor								
Copper/Terne	5%	Now	$1,400	2040	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	0-2	$7,700	LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	0-2	$28,600	2034	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terrazzo	5%	0-2	$8,600	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	60%	Now	$75,200	2025	$376,000	3	$16,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	4+	$24,300	2040	* *	5	$6,900	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	2-4	$10,200	2034	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	0-2	$14,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$89,300	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 403, 405, 407								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms 403, 405, 407, 409, 411 Stairs 1, 2 And 4 Throughout								
Ceilings								
AcousTile,Adhered	10%	0-2	$3,400	2038	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%			LIFE	* *	5	$2,300	
Plaster	70%	Now	$67,300	LIFE	* *	5	$32,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Knife Sw	50%	2-4	$10,400	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Disc Sw	30%			2045	* *	5	$100	
Fused Knife Sw	70%	2-4	$85,500	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$62,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Molded Case Bkrs	60%			2024	$62,800	5	$800	
Molded Case Bkrs	30%			2041	* *	5	$400	
Wiring								
Braided Cloth	75%	2-4	$68,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	15%			2025	$13,700	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2020	$492,200	10	$40,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2030	* *	10	$2,300	
T-8 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Library & Computer Room								
Incandescent	5%			2020	$27,300	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$33,200	10	$5,900	
Exit, Service	50%			2020	$6,600	1		
Exterior Lighting								
HID	100%			2020	$181,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$48,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$17,200	2035	* *	4	$2,400	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum And Condensate Pumps								
Terminal Devices								
Air Handler	30%			2025	$79,600	1	$9,100	
Convector/Radiator	70%			2030	* *	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2030	* *	2	$2,900	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Roof								
Explanation : 4 Units Using Refrigerant 410a With Built In Gas Furnace								
No Component	5%							
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2	$60,900	
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - BX

Asset # : 506

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2030	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2045	* *	1		
Galv Iron/Steel	98%			2030	* *	1		
Water Heater								
Gas Fired	100%			2020	$11,500	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$2,900	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2045	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 14 - Q ANNEX**		
Address	: **89-11 43RD AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q322**
Program / Asset #	: **BOE1094.000 / 14445**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **11,821**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1571** **Lot** : **19**	**BIN**	: **4439252**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$182,800
Interior Architecture	$535,000	$59,400
Total	**$535,000**	**$242,200**
Importance Code A		$182,800
Importance Code B	$535,000	$59,400
Total	**$535,000**	**$242,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$12,800	
Interior Architecture			$30,500	
Electrical	$700	$700	$1,100	$700
Mechanical	$4,300	$3,100	$3,700	$5,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$8,900**	**$7,800**	**$52,100**	**$9,800**
Importance Code A	$1,200	$1,200	$14,000	$1,200
Importance Code B	$7,700	$6,600	$34,600	$8,600
Importance Code C			$3,400	
Total	**$8,900**	**$7,800**	**$52,100**	**$9,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	94%			LIFE	* *	5	$109,000	
Masonry: Granite	3%			LIFE	* *	5	$2,600	
Marble Panels	3%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2049	* *	5	$25,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Masonry: Brick	90%			LIFE	* *	5	$13,700	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$73,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Ceramic Tile	5%			2039	* *	5	$7,000	
Quarry Tile	5%			2044	* *	5	$10,500	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	40%			2019	$475,500	3	$21,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch x 9 inch Tiles								
Vinyl Tile	40%			2034	* *	3	$21,000	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,800	
Gypsum Board	25%			LIFE	* *	5	$20,500	
SGFT/Glazed Masonry	70%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2044	* *	5	$8,700	
AcousTileSusp.Lay-In	85%			2044	* *	5	$118,800	
Embossed Metal	5%			LIFE	* *	5	$3,100	
Gypsum Board	5%			LIFE	* *	5	$8,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$100	
Raceway								
Conduit	100%			2054	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2049	* *	5	$100	
Molded Case Bkrs	80%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$10,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$1,400	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10		
Alarm								
Fire/Smoke Detection								
Generic	100%			2034	* *	1-3	$7,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$900	
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$3,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2022	$1,200	1		
No Component	95%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 14 - Q ANNEX

Asset # : 14445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,600	
Exhaust Fans								
Roof	100%			2032	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$2,800	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2032	* *	1	$700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement : 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Kitchen Hood 102 Ansul							
No Component	70%							
Generic	20%			2023	$5,200	1-3	$11,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 140 - BX**		
Address	**: 916 EAGLE AVENUE @E. 163 STREET**		
Borough	**: BRONX**	**Agency's Number**	**: X140**
Program / Asset #	**: BOE0277.000 / 2602**	**Yr Built/Renovated**	**: 1957 / 2008**
Area Sq Ft	**: 85,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 21-Oct-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Sub Basement, Roof, Floors 1,3**		
Block	**: 2627** **Lot : 9**	**BIN**	**: 2004469**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$77,200	$163,400
Interior Architecture	$1,566,800	
Electrical	$1,632,500	$302,800
Mechanical	$80,100	$84,000
Total	**$3,356,600**	**$550,300**
Importance Code A	$119,600	$163,400
Importance Code B	$3,058,800	$386,900
Importance Code C	$178,100	
Total	**$3,356,600**	**$550,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,000	$14,000	
Interior Architecture	$42,100	$4,900		$14,700
Electrical	$24,500	$71,000	$2,600	$1,700
Mechanical	$55,900	$25,600	$20,200	$12,000
Total	**$122,500**	**$104,400**	**$36,800**	**$28,400**
Importance Code A		$11,800	$22,700	$8,600
Importance Code B	$103,600	$92,600	$14,200	$19,800
Importance Code C	$18,900			
Total	**$122,500**	**$104,400**	**$36,800**	**$28,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$73,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2043	* *	5-10	$10,900	
Granite Panels	3%			LIFE	* *	5	$1,800	
Stucco Cement	3%			2036	* *	5	$6,000	
Windows								
Aluminum	95%			2039	* *	5	$28,100	
Steel	5%	Now	$77,200	2048	* *	5	$9,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$15,100	
Masonry: Limestone	10%			LIFE	* *	5	$2,100	
Roof								
Built-Up (BUR)	98%			2033	* *	10	$90,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	2%			2063	* *	10	$4,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$8,600	
Terrazzo	2%	Now	$6,100	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Lobby								
Vinyl Tile	90%	Now	$299,600	2018	$998,700	3	$44,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	1%	4+	$8,600	2051	* *	5	$1,200	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Stage								
Wood	4%			2063	* *	5	$9,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%	4+	$7,300	LIFE	* *	5	$2,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair 3, Basement								
Marble Panels	3%			LIFE	* *			
Plaster	55%	Now	$11,600	LIFE	* *	5	$21,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	35%	2-4	$178,100	LIFE	* *			
Loose/Delam Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$10,500	
Ceilings								
AcousTile,Adhered	30%	Now	$36,200	2028	* *	5	$19,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, Corridor(s), Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Third Floor Corridor								
Exposed Concrete	55%	Now	$45,900	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basemrnt								
Exposed Concrete	2%	Now	$8,300	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Concrete Beam In Water Meter Room								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Concrete Beam In Water Meter Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 3								
Metal Panel	3%			LIFE	* *	5	$4,900	
Plaster	10%	Now	$8,500	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	80%			2039	* *	5	$1,800	
Molded Case Bkrs	10%			2022	$17,900	5	$200	
Wiring								
Braided Cloth	50%	2-4	$127,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$76,700	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$400	
Locally Mounted	30%	2-4	$22,700	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	15%			2028	* *	10	$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairways And Toilet Rooms								
Explanation : T-8 Lamps								
Fluorescent	79%			2018	$765,100	10	$63,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$20,900	10	$100	
Incandescent	3%			2018	$29,100	2	$100	
Egress Lighting								
Emergency, Service	20%			2028	* *	1		
Emergency, Battery	30%			2018	$35,300	10	$6,300	
Exit, Service	50%			2018	$11,800	1		
Exterior Lighting								
HID	100%			2018	$321,000	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$308,100	1-3	$18,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$42,400	2028	* *	1	$77,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Boiler #1								
Corroded, Extent : Severe, Area Affected : 5%								
Location : Boiler Blow Down And Equalizer Lines								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,400	2043	* *	4	$4,300	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%			2028	* *	1	$10,800	
Convector/Radiator	80%			2028	* *	1	$22,500	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	20%			2021	$35,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$37,600	LIFE	* *	2-5	$48,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout Duct Control Dampers								
Exhaust Fans								
Interior	50%			2023	$48,200	2	$1,300	
Roof	50%			2023	$34,700	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX

Asset # : 2602

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lobby And Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Temporary Hose And Submersible Pump Being Used								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 140 - BX MINISCHOOL**				
Address	: **916 EAGLE AVENUE @E. 163 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X840**
Program / Asset #	: **BOE0277.010 / 405**			**Yr Built/Renovated**	: **1972 / 2000**
Area Sq Ft	: **7,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2627**	**Lot**	: **9**	**BIN**	: **2004469**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$344,100	
Electrical	$141,300	$45,300
Total	**$485,500**	**$45,300**
Importance Code A	$344,100	
Importance Code B	$141,300	$45,300
Total	**$485,500**	**$45,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,400			
Interior Architecture	$32,200			$1,400
Electrical	$100	$43,400	$300	$400
Mechanical	$500	$1,700	$1,100	$400
Total	**$67,200**	**$45,100**	**$1,400**	**$2,200**
Importance Code A	$34,800	$400	$400	$400
Importance Code B	$32,400	$44,700	$1,000	$1,800
Importance Code C				
Total	**$67,200**	**$45,100**	**$1,400**	**$2,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX MINISCHOOL

Asset # : 405

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$34,400	2033	* *	5	$22,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$76,500	2048	* *	5	$900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$267,600	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : At Ridge Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Classroom(s) Throughout								
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$600	
Vinyl Tile	95%	Now	$4,700	2028	* *	3	$4,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,000	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$27,200	2028	* *	5	$5,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Classroom(s)								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2023	$13,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX MINISCHOOL

Asset # : 405

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$2,200	5		
Molded Case Bkrs	90%			2022	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2023	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2018	$86,100	10	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2018	$5,200	10	$900	
Exit, Service	50%			2018	$1,000	1		
Exterior Lighting								
HID	100%			2018	$28,800	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%	Now	$55,200	2033	* *	1-3	$3,000	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	100%			2023	$9,500	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted Duct								
Explanation : One Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2021	$4,200	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - BX MINISCHOOL

Asset # : 405

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,300	
Exhaust Fans								
Interior	100%			2028	* *	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Electric	100%			2018	$1,200	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 140 - M**		
Address	: **123 RIDGE STREET @ RIVINGTON ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M140**
Program / Asset #	: **BOE0084.000 / 1703**	**Yr Built/Renovated**	: **1959 / 2001**
Area Sq Ft	: **82,834**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **344** **Lot** : **1**	**BIN**	: **1004091**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$222,600	$216,800
Interior Architecture	$352,400	
Electrical	$815,800	$602,300
Mechanical	$35,200	$146,600
Total	**$1,425,900**	**$965,700**
Importance Code A	$222,600	$253,800
Importance Code B	$1,203,400	$711,900
Total	**$1,425,900**	**$965,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,100			
Interior Architecture	$4,000	$7,200	$3,200	$40,000
Electrical	$10,100	$800	$1,500	$2,300
Mechanical	$13,400	$12,600	$21,300	$25,000
Total	**$39,700**	**$20,600**	**$26,100**	**$67,300**
Importance Code A	$20,600	$8,500	$8,500	$8,600
Importance Code B	$19,100	$12,100	$17,600	$58,700
Importance Code C				
Total	**$39,700**	**$20,600**	**$26,100**	**$67,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$7,100	
Masonry: Brick Cavity	60%	Now	$159,300	LIFE	* *	5	$42,500	
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Basement*								
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$39,800	
Granite Panels	6%			LIFE	* *	5	$3,200	
Windows								
Aluminum	100%			2041	* *	5	$15,900	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$11,000	
Masonry: Limestone	5%	Now	$12,100	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Coping*								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25% *Location : Coping*								
Roof								
IRMA/Protected Membrane	35%			2030	* *	10	$29,500	
IRMA/Protected Membrane	20%			2025	$134,500	10	$16,900	
IRMA/Protected Membrane	40%			2030	* *	10	$33,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Lower Roof*								
Roll Roofing	5%			2021	$17,400	5	$7,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,000	
Ceramic Tile	5%			2034	* *	5	$6,400	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	45%			2030	* *	3	$21,600	
Vinyl Tile 9" X 9"	25%			2020	$352,400	3	$16,000	
Wood	10%			2040	* *	5	$24,000	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Basement*								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$18,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%			2030	* *	5	$47,900	
Exposed Concrete	50%			LIFE	* *	5	$10,000	
Plaster	20%			LIFE	* *	5	$16,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$171,100	5	$2,200	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	80%			2024	$143,500	5	$1,700	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Locally Mounted	50%			2030	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$75,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2030	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2030	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$57,700	10	$10,300	
Exit, Service	50%			2025	$11,500	1		
Exterior Lighting								
HID	100%			2020	$312,800	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$50,100	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Moition Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$171,600	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Bells, Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$26,500	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$84,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,200	
Terminal Devices								
Air Handler	20%			2025	$92,200	1	$10,600	
Convector/Radiator	80%			2030	* *	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$35,200	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,700	
Exhaust Fans								
Interior	20%			2025	$18,900	2	$500	
Roof	80%			2025	$54,400	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$19,900	2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - M

Asset # : 1703

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 140 - Q**		
Address	: **116 AVE & 166 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q140**
Program / Asset #	: **BOE0787.000 / 1541**	**Yr Built/Renovated**	: **1929 / 2013**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12341** **Lot** : **31**	**BIN**	: **4267260**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$157,600	$61,600
Interior Architecture	$360,200	$52,100
Electrical	$147,800	$1,610,700
Mechanical	$207,200	$1,070,700
Total	**$872,900**	**$2,795,100**
Importance Code A	$157,600	$98,600
Importance Code B	$715,300	$2,696,500
Total	**$872,900**	**$2,795,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$4,100	$8,200		$36,400
Electrical	$800	$1,500	$1,400	$36,300
Mechanical	$13,700	$10,800	$16,800	$57,700
Total	**$18,600**	**$20,500**	**$18,100**	**$130,400**
Importance Code A	$7,200	$7,200	$7,200	$7,400
Importance Code B	$11,400	$13,300	$10,900	$123,100
Importance Code C				
Total	**$18,600**	**$20,500**	**$18,100**	**$130,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$46,400	
Masonry: Brick	23%	Now	$92,000	LIFE	* *	5	$15,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation At South Side								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Masonry: Limestone	2%			LIFE	* *	5	$1,000	
Windows								
Aluminum	100%			2041	* *	5	$24,700	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$13,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	93%	Now	$65,600	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Around Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Copper/Terne	5%			2053	* *	10	$9,600	
Skylight, Metal/Glass	2%			2035	* *	10	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Third Floor								
Explanation : One Skylight								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,900	
Quarry Tile	5%			2038	* *	5	$8,200	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	30%			2030	* *	3	$12,300	
Vinyl Tile 9" X 9"	30%			2020	$360,200	3	$16,400	
Wood	25%			2040	* *	5	$51,100	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2030	* *	5	$13,500	
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Metal Panel	3%			LIFE	* *	5	$4,100	
Plaster	77%			LIFE	* *	5	$52,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 1-1600 Amperes And 1- 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$300	
Molded Case Bkrs	60%			2024	$80,700	5	$1,100	
Molded Case Bkrs	20%			2041	* *	5	$400	
Wiring								
Braided Cloth	85%	2-4	$147,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2045	* *	1		
Motor Controllers								
Locally Mounted	30%			2038	* *	5	$100	
Motor Control Center	70%			2023	$204,800	5	$1,400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Main Water Pipe; Point Of Contact Not Visible - Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	87%			2025	$703,800	10	$58,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	2%			2020	$11,600	10		
Incandescent	1%			2020	$8,100	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$268,100	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Some Areas Only								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$508,500	4	$5,400	
Terminal Devices								
Air Handler	25%			2020	$98,200	1	$11,300	
Convector/Radiator	65%			2023	$447,200	1	$15,300	
Fan Coil Unit/Heat	10%			2020	$109,100	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$29,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Exhaust Fans								
Interior	90%			2025	$72,500	2	$2,000	
Roof	10%			2025	$5,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 140 - Q

Asset # : 1541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2020	$16,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$6,900	1	$4,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$42,500	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 142 - M**
Address : **100 ATTORNEY STREET @ RIVINGTON ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M142**
Program / Asset # : **BOE0085.000 / 1704** | **Yr Built/Renovated** : **1976 / 2009**
Area Sq Ft : **99,495** | **Project Type** : **EDUCATION**
Date of Survey : **18-Oct-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **343** **Lot** : **1** | **BIN** : **1004080**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$767,500	$80,800
Interior Architecture		$1,045,500
Electrical	$466,200	$937,500
Mechanical	$292,300	$49,000
Total	**$1,526,000**	**$2,112,800**
Importance Code A	$767,500	$117,800
Importance Code B	$758,500	$1,995,000
Total	**$1,526,000**	**$2,112,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,800		
Interior Architecture		$5,800	$19,200	$34,600
Electrical	$8,000	$11,600	$8,900	$45,600
Mechanical	$22,400	$21,600	$36,000	$51,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$34,300**	**$61,700**	**$68,100**	**$135,300**
Importance Code A	$10,200	$29,000	$10,200	$10,400
Importance Code B	$24,200	$32,700	$57,900	$125,000
Importance Code C				
Total	**$34,300**	**$61,700**	**$68,100**	**$135,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$21,300	
Masonry: Brick Cavity	95%			LIFE	* *	5	$80,800	
Windows								
Aluminum	100%			2033	* *	5	$19,100	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5	$13,200	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
IRMA/Protected Membrane	95%	2-4	$767,500	2035	* *			
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Cafeteria And Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$9,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$33,600	
Ceramic Tile	5%			2034	* *	5	$7,700	
Quarry Tile	5%			2038	* *	5	$11,500	
Vinyl Tile	80%			2025	$1,045,500	3	$46,100	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Folding Partition	5%			2041	* *	5	$17,000	
Glass: Single Pane	5%			LIFE	* *	5	$5,100	
Metal Panel	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$38,400	
AcousTileSusp.Lay-In	20%			2030	* *	5	$30,700	
Exposed Concrete	35%			LIFE	* *	5	$8,400	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$9,600	
Plaster	10%			LIFE	* *	5	$9,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	100%			2025	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	60%			2024	$107,600	5	$1,600	
Molded Case Bkrs	20%			2041	* *	5	$500	
Wiring								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	80%			2025	$204,400	1		
Motor Controllers								
Locally Mounted	80%			2030	* *	5	$500	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$30,600	
Generators								
Natural Gas	100%			2021	$121,400	1	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Generator Rated @ 85 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$90,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2030	* *	10	$100	
Incandescent	2%			2025	$22,800	2		
Egress Lighting								
Emergency, Service	40%			2020	$20,200	1		
Emergency, Battery	10%			2030	* *	10	$2,500	
Exit, Service	50%			2020	$13,900	1		
Exterior Lighting								
HID	100%			2020	$375,800	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$90,300	1	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only: Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$31,800	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$101,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,100	
Terminal Devices								
Air Handler	30%			2030	* *	1	$19,100	
Convector/Radiator	70%			2038	* *	1	$23,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$14,300	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 2nd Floor Fan Room								
Window/Wall Unit	60%			2020	$126,700	1		
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2035	* *	4	$1,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$19,100	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 142 - M

Asset # : 1704

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	30%	Now	$165,600	2035	* *	2	$17,200	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Lower Roof								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Lower Roof								
Explanation : Obsolete Unit								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,300	
Exhaust Fans								
Interior	40%			2030	* *	2	$1,300	
Roof	60%			2025	$49,000	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$23,900	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$53,700	
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 143 - Q**		
Address	**: 34-74 113 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q143**
Program / Asset #	**: BOE0790.000 / 1542**	**Yr Built/Renovated**	**: 1929 / 2008**
Area Sq Ft	**: 95,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 28-Oct-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 1756** **Lot : 25**	**BIN**	**: 4043827**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$224,100	$511,300
Interior Architecture		$233,900
Electrical	$548,600	$676,600
Mechanical		$169,700
Total	**$772,700**	**$1,591,500**
Importance Code A	$224,100	$529,800
Importance Code B	$548,600	$1,061,700
Total	**$772,700**	**$1,591,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,500			$5,200
Interior Architecture		$42,700	$6,400	$4,500
Electrical	$7,700	$11,700	$8,200	$27,300
Mechanical	$26,300	$19,800	$25,800	$99,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$54,400**	**$78,200**	**$44,300**	**$140,500**
Importance Code A	$26,200	$9,700	$9,700	$15,000
Importance Code B	$28,200	$64,900	$34,700	$125,500
Importance Code C		$3,700		
Total	**$54,400**	**$78,200**	**$44,300**	**$140,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	35%			LIFE	* *	5	$31,000	
Masonry: Brick Cavity	55%	Now	$182,900	LIFE	* *	5	$48,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Weepholes Not Funct, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Masonry: Granite	3%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,800	
Windows								
Aluminum	100%			2047	* *	5	$33,000	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$12,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Metal Panel	25%			2051	* *	5	$18,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,900	
Roof								
Built-Up (BUR)	40%			2030	* *	10	$41,200	
Copper/Terne	5%			2053	* *	10	$12,900	
IRMA/Protected Membrane	50%			2025	$411,000	10	$51,500	
Single Ply Membrane	5%			2030	* *	10	$5,200	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$47,900	
Ceramic Tile	5%			2034	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	45%			2030	* *	3	$24,600	
Vinyl Tile	15%			2033	* *	3	$8,200	
Vinyl Tile	15%			2025	$186,000	3	$8,200	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$7,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$24,200	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2038	* *	5	$27,200	
AcousTileConcealSpLn	5%			2030	* *	5	$9,100	
AcousTileSusp.Lay-In	20%			2038	* *	5	$29,000	
Exposed Concrete	15%			LIFE	* *	5	$3,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2030	* *			
Plaster	35%			LIFE	* *	5	$31,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Fused Disc Sw	50%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$85,500	5	$200	
Fused Disc Sw	50%			2035	* *	5	$200	
Raceway								
Conduit	40%			2025	$69,000	1		
Conduit	60%			2035	* *	1		
Panelboards								
Fused Disc Sw	20%			2033	* *	5	$400	
Molded Case Bkrs	40%			2033	* *	5	$1,000	
Molded Case Bkrs	40%			2024	$71,800	5	$1,000	
Wiring								
Braided Cloth	40%	2-4	$102,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2030	* *	5	$500	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2023	$22,000	1	$29,200	
Generators								
Natural Gas	100%			2021	$121,400	1	$36,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 125 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$87,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2020	$7,800	10		
Incandescent	1%			2020	$10,800	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2025	$24,000	1		
Exit, Service	50%			2025	$13,100	1		
Exterior Lighting								
HID	100%			2020	$358,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallway And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$295,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Using #2 Oil Only, The Gas Line Has Not Been Put Into Use								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$96,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units. 4 Obsolete Furnaces Remain On New Wing Roof								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$7,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Various Locations								
Terminal Devices								
Air Handler	20%			2025	$105,100	1	$12,100	
Convector/Radiator	70%			2038	* *	1	$22,000	
Fan Coil Unit/Heat	10%			2030	* *	1	$3,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q

Asset # : 1542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2020	$20,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$51,600	
No Component	5%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Old Wing								
Explanation : Old Wing Toilet Rooms Are Not Ventilated								
Exhaust Fans								
Interior	60%			2025	$64,600	2	$1,800	
Roof	35%			2030	* *	2	$1,000	
No Component	5%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2020	$22,700	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2045	* *	1-5	$29,500	
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 143 - Q MINISCHOOL**		
Address	: **34-74 113 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q843**
Program / Asset #	: **BOE0790.010 / 1543**	**Yr Built/Renovated**	: **1971 /**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1756** **Lot** : **25**	**BIN**	: **4043827**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$68,500	$89,300
Interior Architecture		$139,800
Electrical	$218,200	$45,300
Mechanical		$129,800
Total	**$286,700**	**$404,300**
Importance Code A	$68,500	$124,800
Importance Code B	$218,200	$279,400
Total	**$286,700**	**$404,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$1,400		$33,500
Interior Architecture			$2,500	$9,000
Electrical	$100	$300	$100	$11,400
Mechanical	$900	$2,500	$2,800	$600
Total	**$1,100**	**$4,300**	**$5,500**	**$54,500**
Importance Code A	$700	$1,800	$700	$33,900
Importance Code B	$400	$2,500	$4,800	$20,600
Importance Code C				
Total	**$1,100**	**$4,300**	**$5,500**	**$54,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q MINISCHOOL

Asset # : 1543

Architecture

System / Component / Type	Current Repair: % of Total	Current Repair: Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,700	
Metal Panel	95%			2045	* *	5-10	$122,800	
Windows								
Aluminum	100%			2033	* *	5	$2,900	
Roof								
Metal Panel	100%			2038	* *	10	$68,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,000	
Ceramic Tile	5%			2034	* *	5	$900	
Vinyl Tile	90%			2025	$139,800	3	$6,200	
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$1,900	
Metal Panel	70%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2030	* *	5	$1,100	
AcousTileSusp.Lay-In	95%			2030	* *	5	$16,800	

Electrical

System / Component / Type	Current Repair: % of Total	Current Repair: Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$100	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5		
Molded Case Bkrs	90%			2033	* *	5	$300	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q MINISCHOOL

Asset # : 1543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$135,600	10	$11,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2025	$8,200	10	$1,500	
Exit, Service	50%			2025	$1,600	1		
Exterior Lighting								
HID	100%			2020	$45,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$37,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	40%			2035	* *	1		
Natural Gas	60%			2035	* *	1		
Conversion Equipment								
Furnace	60%			2030	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Equipment Room								
Explanation : 2 Units								
Heat Pump	40%			2023	$35,500	2	$1,500	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Outside The Building								
Explanation : 6 Exterior Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Terminal Devices								
Induction Unit	40%			2028	* *	1	$1,600	
No Component	60%							
Air Conditioning								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 143 - Q MINISCHOOL

Asset # : 1543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Heat Pump	40%			2023	$200	2	$300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : 1st Floor								
Explanation : 6 Units								
Int Pkg Unit - Cooling	60%			2026	$94,300	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Exhaust Fans								
Interior	90%			2025	$12,100	2	$300	
Roof	10%			2030	* *	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2018	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 144 - Q**		
Address	: **93-02 69 AVENUE @KESSEL ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q144**
Program / Asset #	: **BOE0791.000 / 1544**	**Yr Built/Renovated**	: **1930 / 2002**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3212** **Lot** : **1**	**BIN**	: **4076870**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$316,400
Interior Architecture	$262,400	$604,600
Electrical	$929,400	$503,000
Mechanical	$205,800	$211,700
Total	**$1,397,600**	**$1,635,700**
Importance Code A		$334,900
Importance Code B	$1,397,600	$1,215,000
Importance Code C		$85,800
Total	**$1,397,600**	**$1,635,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,300	$8,600	$12,400	
Interior Architecture	$13,100	$18,600		$6,000
Electrical	$1,800	$63,700	$1,700	$1,100
Mechanical	$11,800	$23,600	$15,500	$10,300
Total	**$52,000**	**$114,400**	**$29,500**	**$17,500**
Importance Code A	$32,100	$15,500	$19,200	$6,800
Importance Code B	$19,900	$98,900	$10,300	$10,700
Importance Code C				
Total	**$52,000**	**$114,400**	**$29,500**	**$17,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,500	
Masonry: Brick	90%			LIFE	* *	5	$63,300	
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2039	* *	5	$24,800	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$12,300	
Copper/Terne	5%			2058	* *	5	$2,600	
Masonry: Brick	80%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	95%	Now	$25,300	2023	$253,100			
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Room 402*								
Copper/Terne	5%			2038	* *	10	$7,300	
Interior								
Floors								
Asphalt Poured	5%	Now	$7,000	2043	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Stairs* *Wrinkling, Extent : Severe, Area Affected : 25%* *Location : Stairs*								
Ceramic Tile	3%			2026	$59,800	5	$3,100	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	30%			2018	$262,400	3	$11,600	
Vinyl Tile	47%			2023	$411,100	3	$24,200	
Wood	10%			2038	* *	5	$19,300	
Interior Walls								
Ceramic Tile	3%			2026	$85,800	5	$3,100	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$28,000	
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$10,200	
Exposed Concrete	15%			LIFE	* *	5	$2,400	
Plaster	75%			LIFE	* *	5	$47,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Non Fusible Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	70%			2022	$94,200	5	$1,200	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	30%	2-4	$52,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	50%			2023	$86,900	1		
Motor Controllers								
Locally Mounted	60%			2021	$45,300	5	$300	
Locally Mounted	30%			2036	* *	5	$100	
Motor Control Center	10%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	74%			2018	$564,900	10	$46,600	
Fluorescent	20%			2028	* *	10	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Library And Stairways								
Explanation : T-8 Lamps								
HID	3%			2018	$16,500	10	$100	
Incandescent	3%			2018	$22,900	2		
Egress Lighting								
Emergency, Service	40%			2018	$13,500	1		
Emergency, Battery	10%			2028	* *	10	$1,700	
Exit, Service	10%			2028	* *	1		
Exit, Service	40%			2018	$7,400	1		
Exterior Lighting								
HID	100%			2018	$253,000	10	$200	

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DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$12,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2023	$74,100	1	$8,500	
Convector/Radiator	60%			2028	* *	1	$13,300	
Fan Coil Unit/Heat	20%			2018	$205,800	1	$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$14,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	100%			2023	$76,000	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	* *	1		
Galv Iron/Steel	30%			2021	$61,600	1		
Water Heater								
Gas Fired	100%			2021	$16,000	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 144 - Q

Asset # : 1544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 145 - BK**
Address : **100 NOLL STREET BTWN: EVERGREEN AVE., CENTRAL**
Borough : **BROOKLYN**
Agency's Number : **K145**
Program / Asset # : **BOE0447.000 / 2749**
Yr Built/Renovated : **1905 / 2013**
Area Sq Ft : **100,000**
Project Type : **EDUCATION**
Date of Survey : **04-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3153** **Lot** : **11** **BIN** : **3071915**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$615,300	$416,300
Interior Architecture	$1,461,700	$120,800
Electrical	$178,900	$805,600
Mechanical	$198,100	$1,704,700
Total	**$2,454,000**	**$3,047,400**
Importance Code A	$615,300	$416,300
Importance Code B	$1,552,100	$2,631,100
Importance Code C	$286,600	
Total	**$2,454,000**	**$3,047,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,700			
Interior Architecture	$55,500		$10,600	$10,600
Electrical	$17,500	$700	$1,300	$1,400
Mechanical	$63,500	$17,400	$24,100	$15,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$195,000**	**$22,100**	**$39,900**	**$30,800**
Importance Code A	$64,800	$10,200	$10,200	$10,200
Importance Code B	$123,500	$11,900	$26,900	$20,700
Importance Code C	$6,700		$2,900	
Total	**$195,000**	**$22,100**	**$39,900**	**$30,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$562,500	
Masonry: Brick	75%	Now	$203,700	LIFE	* *	5	$135,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Limestone	5%			LIFE	* *	5	$13,500	
Windows								
Aluminum	100%			2042	* *	5	$51,800	
Parapets								
Copper/Terne	5%			2046	* *	5	$4,100	
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$97,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%	Now	$17,600	LIFE	* *	5	$2,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	80%	Now	$47,100	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 401, 402, 418, Main Office, Various Other Areas								
Built-Up (BUR)	5%			2031	* *	10	$3,200	
Built-Up (BUR)	5%			2034	* *	10	$3,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Cast in Place Concrete	5%	Now	$4,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps Over Bsement Restroom								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Restroom								
Copper/Terne	5%			2054	* *	10	$8,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$101,000	
Ceramic Tile	5%	Now	$7,500	2029	* *	5	$3,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Marble Panels	5%			LIFE	* *	5	$11,500	
Vinyl Tile	10%	Now	$26,200	2031	* *	3	$5,800	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vinyl Tile 9" X 9"	45%	Now	$763,200	2036	* *	3	$26,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	20%	Now	$203,100	2041	* *	5	$28,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Rooms 102, 105, 210								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Rooms 102, 105, 210								
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *	10	$38,300	
Ceramic Tile	3%			2029	* *	5	$5,800	
Glass: Special Gauge	2%			LIFE	* *	1		
Gypsum Board	20%			LIFE	* *	5-10	$65,200	
Masonry: Brick	5%			LIFE	* *	10	$2,900	
Masonry: Brick	7%	Now	$52,300	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Basement Areas								
Marble Panels	5%			LIFE	* *	10	$3,800	
Plaster	50%	Now	$153,800	LIFE	* *	5	$28,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rooms 301, 401, 402, Stair 5, Staff Room Near Cafeteria, Elevator Area In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 301, 401, 418, Stair 5, Staff Room Near Cafeteria, Elevator Area In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$15,400	
Gypsum Board	2%	Now	$9,300	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement Restroom								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Restroom								
Masonry:Vault Struct	15%	Now	$84,600	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Basement Locations								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Various Basement Locations								
Explanation : Rusting Steel Supports								
Plaster	73%	Now	$73,800	LIFE	* *	5	$70,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 401, 402, 418, Staff Restroom, Main Office, Elevator Area In Basement, Numerous Areas Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$400	
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	10%			2046	* *	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	30%			2025	$53,800	5	$700	
Molded Case Bkrs	20%			2025	$35,900	5	$500	
Molded Case Bkrs	10%			2042	* *	5	$300	
Molded Case Bkrs	30%			2034	* *	5	$800	
Molded Case Bkrs	10%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	60%			2024	$45,300	5	$400	
Locally Mounted	20%	2-4	$15,100	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$94,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$12,400	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$377,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$60,500	1	$7,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$101,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	78%			2026	$560,200	4	$5,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Sub Basement Boiler Room								
Steam Piping/Pump	2%	0-2	$14,400	2056	* *	4	$100	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Locations Particularly In The Sub Basement								
Steam Piping/Pump	20%			2046	* *	4	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	5%	0-2	$27,700	2036	* *	1	$2,900	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Deteriorated Flexible Connections								
Damper(s) Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Sub Basement Fan Room								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Sub Basement Fan Room								
Air Handler	25%	0-2	$27,700	2021	$138,700	1	$14,300	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Sub Basement Fan Room								
On Extended Life, Extent : Severe, Area Affected : 30%								
Location : Sub Basement Fan Room								
Convector/Radiator	10%	0-2	$97,200	2046	* *	1	$3,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Steam Traps And Climate Control Systems								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	40%			2024	$388,600	1	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	20%			2021	$308,000	1	$6,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms And Gymnasium On The 1924 Wing Of The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1924 Wing Of The Building								
Explanation : Unit Ventilator								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2031	* *	2	$300	
Window/Wall Unit	30%			2021	$63,400	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - BK

Asset # : 2749

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%	Now	$45,500	2036	* *	2	$1,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Sub Basement And Penthouse								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement And Penthouse								
Roof	60%			2031	* *	2	$1,900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 3 Units Cover, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$245,800	1		
Water Heater								
Gas Fired	100%			2024	$23,900	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : Back Flow Preventer Serves Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 145 - M**		
Address	: **150 WEST 105 STREET @ AMSTERDAM AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M145**
Program / Asset #	: **BOE0088.000 / 1705**	**Yr Built/Renovated**	: **1961 / 2010**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1859** **Lot** : **1**	**BIN**	: **1076625**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$362,200	$131,500
Interior Architecture	$953,200	$512,300
Electrical	$1,695,700	$504,100
Mechanical	$82,700	$748,200
Total	**$3,093,700**	**$1,896,100**
Importance Code A	$362,200	$560,400
Importance Code B	$2,439,100	$1,335,600
Importance Code C	$292,500	
Total	**$3,093,700**	**$1,896,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$23,900		$20,000
Interior Architecture	$48,700			$16,900
Electrical		$300	$1,000	$34,900
Mechanical	$13,000	$11,100	$23,800	$23,800
Total	**$61,700**	**$35,300**	**$24,800**	**$95,700**
Importance Code A	$8,000	$31,900	$8,000	$28,100
Importance Code B	$30,100	$3,400	$16,900	$67,500
Importance Code C	$23,700			
Total	**$61,700**	**$35,300**	**$24,800**	**$95,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$362,200	LIFE	* *	5	$60,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : North Facade, Corners								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Explanation : Broken Coping								
Metal Panel	5%			2045	* *	5-10	$22,900	
Window Wall	5%			2045	* *	5	$12,500	
Windows								
Aluminum	100%			2050	* *	5	$15,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$8,700	
Metal Rail	20%			2038	* *	5-10	$39,400	
Roof								
Built-Up (BUR)	5%			2035	* *	10	$4,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2065	* *	10	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	90%			2035	* *	10	$71,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$25,100	LIFE	* *	5	$26,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$116,800	2040	* *	5	$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	50%	Now	$153,700	2025	$512,300	3	$22,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	2-4	$331,800	2035	* *	3	$11,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2040	* *	5	$11,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	4+	$147,100	2040	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	5%	2-4	$23,700	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	85%	Now	$145,400	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	30%	2-4	$58,400	2038	* *	5	$22,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5	$11,300	
Plaster	10%			LIFE	* *	5	$7,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$146,600	5	$2,100	
Raceway								
Conduit	100%			2025	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	90%			2024	$121,100	5	$1,800	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$34,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	90%			2020	$804,800	10	$66,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
Fluorescent	2%			2035	* *	10	$1,500	
T-8 Lamps, Extent : Moderate, Area Affected : 2% Location : Library								
HID	2%			2020	$12,900	10	$100	
Incandescent	6%			2020	$53,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$54,300	10	$9,700	
Exit, Service	50%			2020	$10,900	1		
Exterior Lighting								
HID	100%			2020	$294,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$282,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$198,300	5	$24,900	
Conversion Equipment								
Steam Boiler	100%			2023	$391,900	1	$79,700	
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	20%			2025	$86,800	1	$10,000	
Convector/Radiator	80%			2030	* *	1	$20,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2020	$82,700	1		
No Component	50%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 145 - M

Asset # : 1705

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,900	
Exhaust Fans								
Interior	80%			2025	$71,200	2	$2,000	
Roof	20%	Now	$600	2025	$12,800	2	$400	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2024	$12,500	4	$500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 146 - BX**
Address : **968 CAULDWELL AVENUE @ E.163 ST.**
Borough : **BRONX** | **Agency's Number** : **X146**
Program / Asset # : **BOE0283.000 / 381** | **Yr Built/Renovated** : **1958 / 2000**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **21-Oct-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2632** **Lot** : **27** | **BIN** : **2004498**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$729,000	$92,900
Interior Architecture	$42,800	$1,019,200
Electrical	$1,695,700	$599,400
Mechanical	$99,700	$90,700
Total	**$2,567,200**	**$1,802,300**
Importance Code A	$769,900	$129,900
Importance Code B	$1,797,200	$1,672,400
Total	**$2,567,200**	**$1,802,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,400			$14,200
Interior Architecture	$24,600	$19,200		$12,600
Electrical	$2,800	$73,500	$1,900	$1,800
Mechanical	$56,000	$27,300	$21,900	$14,200
Total	**$102,800**	**$120,000**	**$23,900**	**$42,900**
Importance Code A	$19,400	$8,500	$8,300	$22,600
Importance Code B	$83,500	$111,500	$15,500	$20,400
Importance Code C				
Total	**$102,800**	**$120,000**	**$23,900**	**$42,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$17,900	
Masonry: Brick	75%			LIFE	* *	5	$57,400	
Metal/Glass Curt Wall	20%	Now	$729,000	LIFE	* *	5	$28,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%			2045	* *	5	$28,500	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$12,100	
Metal Rail	20%			2036	* *	5-10	$58,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	95%	Now	$19,400	2028	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2051	* *	10	$11,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2026	$122,000	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	80%	Now	$42,800	2023	$856,400	3	$37,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2038	* *	5	$11,800	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$24,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	5%			2028	* *	5	$7,800	
AcousTileSusp.Lay-In	15%			2028	* *	5	$18,800	
Exposed Concrete	55%			LIFE	* *	5	$10,700	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$40,800			
Plaster	15%	Now	$24,600	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2043	* *	5	$100	
Molded Case Bkrs	75%			2023	$128,300	5	$1,600	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	80%			2022	$143,500	5	$1,700	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2023	$51,100	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	15%			2028	* *	10	$11,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
Fluorescent	79%			2018	$738,100	10	$60,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$20,100	10	$100	
Incandescent	3%			2018	$28,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$56,700	10	$10,200	
Exit, Service	50%			2018	$11,300	1		
Exterior Lighting								
HID	100%			2018	$309,700	10	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$339,700	1-3	$20,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$26,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$40,900	2028	* *	1	$75,000	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$58,700	2033	* *	4	$4,100	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$4,500	2023	$90,700	1	$9,400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Air Handler Coil, Basement								
Noisy/Vibrating, Extent : Light, Area Affected : 10%								
Location : Fan Room Gym								
Convector/Radiator	20%			2028	* *	1	$5,400	
No Component	60%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Fan Coil Units Providing Heat And Cold Air Are Covered Under A C System								
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2031	* *	1	$23,400	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller, On Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Package Unit								
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	60%			2049	* *	4	$3,700	
No Component	40%							
Terminal Devices								
Fan Coil - Cool/Heat	60%	Now	$11,500	2028	* *	1	$14,700	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Class Rooms								
Explanation : Fan Coil Units Providing Hot And Cold Air								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,900	
Exhaust Fans								
Interior	50%			2028	* *	2	$1,300	
Roof	50%			2023	$33,400	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%	0-2	$19,600	2023	$19,600	2	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$11,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - BX

Asset # : 381

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : For A C System Only								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Obsolete Fixtures, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 146 - M**		
Address	: **421 EAST 106 STREET BTWN: 1 AVE., FDR DRIVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M146**
Program / Asset #	: **BOE0089.000 / 1706**	**Yr Built/Renovated**	: **1965 / 2013**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1700** **Lot** : **1**	**BIN**	: **1052999**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$104,600	$253,700
Interior Architecture	$193,900	$1,080,300
Electrical	$230,000	$1,381,600
Mechanical	$65,600	$414,900
Total	**$594,000**	**$3,130,400**
Importance Code A	$104,600	$290,700
Importance Code B	$444,600	$2,839,700
Importance Code C	$44,900	
Total	**$594,000**	**$3,130,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,500			
Interior Architecture	$93,500		$2,600	$13,500
Electrical	$2,500	$1,500	$1,300	$1,600
Mechanical	$56,500	$13,400	$21,600	$13,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$192,000**	**$18,800**	**$29,400**	**$32,500**
Importance Code A	$44,800	$9,300	$9,300	$9,300
Importance Code B	$112,700	$9,500	$20,100	$23,200
Importance Code C	$34,500			
Total	**$192,000**	**$18,800**	**$29,400**	**$32,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$43,900	LIFE	* *	5	$77,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick Cavity	78%			LIFE	* *	5	$121,400	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Above 2nd Floor Roof								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	2%			LIFE	* *	5	$10,100	
Windows								
Aluminum	100%			2042	* *	5	$17,500	
Parapets								
Metal: Cage/Fence	100%	0-2	$5,100	2031	* *	5	$41,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	80%			2031	* *	10	$74,100	
Paver: Asphalt	20%	Now	$16,600	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Roof								
Vegetation Growth, Extent : Severe, Area Affected : 20%								
Location : At Roof Drains And Pavers								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$61,500	
Ceramic Tile	3%			2035	* *	5	$4,200	
Terrazzo	2%			LIFE	* *	5	$4,400	
Vinyl Tile	15%			2031	* *	3	$7,900	
Vinyl Tile 9" X 9"	65%			2021	$1,006,500	3	$45,700	
Wood	5%			2041	* *	5	$13,200	
Interior Walls								
Ceramic Tile	3%	Now	$5,100	2035	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$19,900	
Masonry: Brick	2%			LIFE	* *	10	$700	
Plaster	45%	Now	$44,900	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$18,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$7,000	
AcousTileSusp.Lay-In	5%			2031	* *	5	$7,000	
Exposed Concrete	15%	Now	$67,800	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	3%			LIFE	* *	10	$8,400	
Gypsum Board	22%	0-2	$6,300	LIFE	* *	5	$38,600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Metal Panel	20%			LIFE	* *	5	$70,200	
Plaster	30%			LIFE	* *	5-10	$72,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 - 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	40%			2025	$71,800	5	$1,000	
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	40%			2048	* *	5	$1,000	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$500	
Locally Mounted	20%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$77,500	
T-8 Lamps, Extent : Moderate, Area Affected : 94%								
Location : Throughout The Building								
Fluorescent	6%			2036	* *	10	$5,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 6%								
Location : Electrical Room, Stage And Fan Room								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,300	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$343,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$82,600	1	$10,200	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$377,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Boiler Room Renovation Is Just Completed								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$93,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room Renovation Is Just Completed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 - Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$65,600	2036	* *	4	$4,600	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Cross Bay And Various Locations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - M

Asset # : 1706

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2026	$76,000	1	$8,700	
Convector/Radiator	75%	Now	$13,300	2031	* *	1	$20,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : No Heat At Stair C								
Fan Coil Unit/Heat	10%			2026	$140,600	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$96,500	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,900	
Exhaust Fans								
Interior	98%	Now	$2,000	2026	$101,700	2	$2,300	
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Exhaust Fan For Gymnasium, Gymnasium Fan Room								
Roof	2%			2026	$1,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2026	$21,800	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor, Boiler Room								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 146 - Q**				
Address	: **98-01 159 AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q146**
Program / Asset #	: **BOE0793.000 / 1547**			**Yr Built/Renovated**	: **1936 / 2004**
Area Sq Ft	: **80,900**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-May-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,3**				
Block	: **14168**	**Lot**	: **16**	**BIN**	: **4295163**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$66,700	$72,200
Interior Architecture	$441,600	
Electrical	$411,100	$481,800
Mechanical		$1,520,800
Total	**$919,400**	**$2,074,800**
Importance Code A	$66,700	$72,200
Importance Code B	$852,700	$2,002,600
Total	**$919,400**	**$2,074,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,000	$16,100		
Interior Architecture	$78,900	$7,800	$6,200	$16,300
Electrical	$9,900	$1,200	$1,500	$22,700
Mechanical	$48,100	$25,800	$26,900	$25,800
Total	**$151,900**	**$50,800**	**$34,700**	**$64,800**
Importance Code A	$22,400	$24,200	$7,400	$8,300
Importance Code B	$83,000	$26,600	$24,100	$56,500
Importance Code C	$46,500		$3,100	
Total	**$151,900**	**$50,800**	**$34,700**	**$64,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$19,900	
Masonry: Brick	20%			LIFE	* *	5	$17,000	
Masonry: Brick	65%			LIFE	* *	5	$55,200	
Masonry: Granite	5%			LIFE	* *	5	$3,200	
Masonry: Limestone	7%			LIFE	* *	5	$4,500	
Windows								
Aluminum	100%			2047	* *	5	$30,000	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$8,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Rail	2%			2038	* *	5-10	$4,600	
Metal: Cage/Fence	23%			2038	* *	5-10	$22,700	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$66,700	
Copper/Terne	5%			2053	* *	10	$8,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,600	
Ceramic Tile	5%			2034	* *	5	$6,200	
Vinyl Tile	30%	2-4	$316,800	2035	* *	3	$14,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9x9 Units								
Vinyl Tile	50%			2030	* *	3	$23,300	
Wood	10%			2040	* *	5	$23,300	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$6,300	
Concrete Masonry Unit	5%	Now	$13,900	LIFE	* *	5	$2,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%	Now	$32,600	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$124,800	2038	* *	5	$19,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	20%			LIFE	* *	5	$3,900	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2025	$24,200			
Metal Panel	10%			LIFE	* *	5	$15,400	
Plaster	40%	Now	$32,400	LIFE	* *	5	$30,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2045	* *	5	$200	
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	25%			2025	$42,800	5	$100	
Fused Disc Sw	75%			2045	* *	5	$300	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Molded Case Bkrs	35%			2041	* *	5	$700	
Molded Case Bkrs	50%			2024	$89,700	5	$1,100	
Wiring								
Thermoplastic	70%			2025	$178,900	1		
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$73,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$13,200	10	$100	
Incandescent	2%			2025	$18,400	2		
Egress Lighting								
Emergency, Battery	40%			2020	$44,800	10	$8,000	
Emergency, Battery	10%			2030	* *	10	$2,000	
Exit, Service	50%			2020	$11,200	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$9,100	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$293,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2045	* *	1		
Interruptible Gas/Dual Fuel	90%			2045	* *	1		
Conversion Equipment								
Radiant Heater	10%			2030	* *	2	$3,900	
Steam Boiler	90%			2038	* *	1	$74,000	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%	Now	$26,100	2035	* *	4	$3,700	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump, Basement								
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2030	* *	1	$7,700	
Convector/Radiator	25%	Now	$3,900	2030	* *	1	$6,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Basement, South Side Stairwell								
Fan Coil Unit/Heat	50%			2025	$621,300	1	$13,400	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2030	* *	1	$30,800	
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : Basement A C Room								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2045	* *	4	$4,900	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2030	* *	1	$7,700	
Fan Coil - Cool/Heat	65%			2025	$816,900	1	$17,400	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2030	* *	2	$46,200	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	90%			2025	$82,600	2	$2,300	
Roof	10%			2025	$6,600	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 70%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 146 - Q

Asset # : 1547

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 147 - BK**
Address : **325 BUSHWICK AVENUE BTWN: MC KIBBEN ST. - SEIGEL ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K147**
Program / Asset # : **BOE0448.000 / 1348** | **Yr Built/Renovated** : **1906 / 1996**
Area Sq Ft : **142,000** | **Project Type** : **EDUCATION**
Date of Survey : **29-Dec-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3091** **Lot** : **1** | **BIN** : **3071418**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$406,600	$431,800
Interior Architecture	$2,721,400	$413,600
Electrical	$312,600	$1,013,200
Mechanical		$467,100
Total	**$3,440,600**	**$2,325,800**
Importance Code A	$406,600	$473,800
Importance Code B	$2,715,600	$1,561,300
Importance Code C	$318,400	$290,700
Total	**$3,440,600**	**$2,325,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$2,300		
Interior Architecture	$9,000	$5,500		$18,600
Electrical	$5,500	$4,700	$4,800	$4,000
Mechanical	$71,600	$51,000	$26,000	$21,000
Total	**$86,000**	**$63,400**	**$30,800**	**$43,500**
Importance Code A	$14,500	$17,100	$14,500	$14,500
Importance Code B	$71,600	$46,400	$16,300	$29,100
Importance Code C				
Total	**$86,000**	**$63,400**	**$30,800**	**$43,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$288,300	LIFE	* *	5	$127,800	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Foundation Wall								
Masonry: Brick	80%			LIFE	* *	5	$204,500	
Masonry: Limestone	10%			LIFE	* *	5	$19,200	
Windows								
Aluminum	100%			2039	* *	5	$73,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$22,600	
Metal Panel	5%			2043	* *	5	$4,600	
Roof								
Asphalt Shingle	20%			2026	$62,700	10	$3,000	
Built-Up (BUR)	45%	Now	$18,800	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 452, 453, 455, Library								
Built-Up (BUR)	15%	Now	$62,700	2033	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Cast in Place Concrete	20%			LIFE	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Poured	10%	Now	$9,000	2028	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Cast in Place Concrete	5%			LIFE	* *	5	$23,900	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Mosaic Tile	2%			2028	* *	5	$10,900	
Vinyl Tile	68%	0-2	$1,264,000	2033	* *	3	$55,700	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	15%	Now	$1,081,600	2063	* *	5	$30,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	3%			2026	$225,400	5	$8,200	
Masonry: Brick	10%	Now	$318,400	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%								
Location : Basement, Old Coal Bunkers								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Basement, Old Coal Bunkers								
Metal Panel	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$65,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	5%			LIFE	* *			
Masonry:Vault Struct	5%			LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Under Sidewalk								
Plaster	70%			LIFE	* *	5	$95,600	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 452, 453, 455, Libray								
Plaster	20%	Now	$57,400	LIFE	* *	5	$27,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 455								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 455, Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Enclosure Corroded, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	75%			2023	$164,900	5	$500	
Fused Disc Sw	25%			2033	* *	5	$200	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$300	
Molded Case Bkrs	10%			2031	* *	5	$400	
Molded Case Bkrs	80%			2022	$179,400	5	$3,000	
Wiring								
Braided Cloth	90%	2-4	$312,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$800	
Locally Mounted	20%			2028	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$134,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2023	$49,300	10	$8,800	
Exit, Service	75%			2023	$29,600	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$128,900	1	$15,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$26,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$144,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$10,800	
Terminal Devices								
Air Handler	15%			2023	$118,100	1	$13,600	
Convector/Radiator	85%			2028	* *	1	$40,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - BK

Asset # : 1348

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$30,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$32,600	
No Component	60%							
Exhaust Fans								
Interior	20%			2023	$32,300	2	$900	
Roof	20%			2028	* *	2	$900	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%	Now	$34,900	2021	$349,000	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : All Teacher's Bath Room & 4th Floor Student's Bathrooms								
Explanation : Not Enough Pressure								
Water Heater								
Gas Fired	100%			2021	$34,000	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2028	* *	4	$1,600	
Broken, Extent : Severe, Area Affected : 20%								
Location : 1 Motor, Basement								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2033	* *	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2031	* *	1	$8,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 147 - Q**		
Address	: **218-01 116 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q147**
Program / Asset #	: **BOE0794.000 / 1548**	**Yr Built/Renovated**	: **1930 / 1996**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11300** **Lot** : **1**	**BIN**	: **4243743**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$611,200	$71,000
Interior Architecture	$389,500	$503,500
Electrical	$1,650,300	$502,600
Mechanical	$183,400	$723,200
Total	**$2,834,400**	**$1,800,200**
Importance Code A	$611,200	$89,500
Importance Code B	$2,223,200	$1,710,700
Total	**$2,834,400**	**$1,800,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$10,900
Interior Architecture		$3,100	$8,300	$16,100
Electrical	$900	$1,200	$1,800	$63,000
Mechanical	$19,600	$13,900	$22,200	$28,600
Total	**$20,500**	**$18,200**	**$32,300**	**$118,600**
Importance Code A	$8,100	$8,100	$8,100	$19,200
Importance Code B	$12,300	$7,000	$24,200	$99,400
Importance Code C		$3,100		
Total	**$20,500**	**$18,200**	**$32,300**	**$118,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$214,100	LIFE	* *	5	$71,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Foundation								
Masonry: Limestone	5%	Now	$81,600	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window Sills, Corners								
Windows								
Aluminum	100%	Now	$233,000	2041	* *	5	$13,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$15,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$82,500	
Copper/Terne	5%			2040	* *	10	$10,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Ceramic Tile	3%			2034	* *	5	$3,700	
Terrazzo	5%			LIFE	* *	5	$4,800	
Traffic Topping	5%	Now	$76,200	2035	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 75%								
Location : Stairs								
Vinyl Tile	42%			2025	$438,600	3	$19,300	
Vinyl Tile	30%	Now	$313,300	2035	* *	3	$13,800	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors, Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Corridors								
Explanation : 9x9 Units								
Wood	10%			2040	* *	5	$23,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Areaways, Old Coal Room, Foundation								
Ceramic Tile	5%			2028	* *	5	$6,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$22,300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,900	
Plaster	85%			LIFE	* *	5	$64,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$132,000	5	$300	
Fused Disc Sw	10%			2035	* *	5		
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	80%			2024	$107,600	5	$1,700	
Molded Case Bkrs	10%			2033	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2020	$774,800	10	$64,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement & Science Lab								
Explanation : T-8 Lamps								
HID	2%			2020	$13,100	10	$100	
Incandescent	3%			2020	$27,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$55,300	10	$9,900	
Exit, Service	50%			2020	$11,100	1		
Exterior Lighting								
HID	100%			2020	$302,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$72,600	1	$9,000	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$290,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$81,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	30%			2020	$132,700	1	$15,200	
Convector/Radiator	60%			2023	$465,100	1	$15,900	
Fan Coil Unit/Heat	10%			2025	$122,900	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q

Asset # : 1548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2020	$50,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,800	
Exhaust Fans								
Interior	95%			2025	$86,200	2	$2,400	
Roof	5%	Now	$200	2020	$3,300	2	$100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Explanation : Missing One Unit								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2023	$49,000	1		
Water Heater								
Gas Fired	100%			2025	$19,100	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Replacement Is In Progress								
HW Heat Exchanger								
Low Temp	100%			2025	$25,500	4	$12,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$42,900	
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$500	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 147 - Q MINISCHOOL**
Address : **218-01 116 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0794.010 / 2762**
Area Sq Ft : **9,000**
Date of Survey : **02-Jan-2014**
Areas Surveyed : **Roof, Floors 1**
Block : **11300** **Lot** : **1**

Agency's Number : **Q851**
Yr Built/Renovated : **1972 / 1999**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4243743**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$51,400	
Interior Architecture	$107,300	$113,000
Electrical	$166,900	$45,300
Mechanical		$117,900
Total	**$325,600**	**$276,200**
Importance Code A	$51,400	
Importance Code B	$274,200	$276,200
Total	**$325,600**	**$276,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,400			
Interior Architecture	$7,400		$1,700	
Electrical	$100	$100	$200	$51,000
Mechanical	$600	$500	$1,400	$500
Total	**$46,500**	**$600**	**$3,200**	**$51,500**
Importance Code A	$38,800	$500	$500	$500
Importance Code B	$7,600	$100	$2,800	$51,000
Importance Code C				
Total	**$46,500**	**$600**	**$3,200**	**$51,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q MINISCHOOL

Asset # : 2762

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$20,300	2035	* *	5	$26,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : At Main Entrance								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$18,100	2033	* *	5	$1,100	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Metal Panel	100%			2038	* *	10	$51,400	
Interior								
Floors								
Mosaic Tile	3%	Now	$7,400	2038	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Entrance								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Entrance								
Vinyl Tile	97%			2025	$113,000	3	$5,000	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,400	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$107,300	2045	* *	5	$6,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2024	$2,200	5		
Molded Case Bkrs	90%			2024	$20,200	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q MINISCHOOL

Asset # : 2762

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$101,700	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2020	$6,200	10	$1,100	
Exit, Service	50%			2020	$1,200	1		
Exterior Lighting								
HID	100%			2020	$34,000	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$1,000	
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2020	$65,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$11,200	1	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$117,900	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 147 - Q MINISCHOOL

Asset # : 2762

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2025	$10,100	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2023	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 148 - BK**				
Address	: **185 ELLERY ST. (NEAR THROOP AVE.)**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K148**	
Program / Asset #	: **BOE0972.000 / 2888**		**Yr Built/Renovated**	: **1907 / 2000**	
Area Sq Ft	: **90,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Feb-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **1726**	**Lot** : **14**	**BIN**	: **3048352**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$168,200	$276,700
Interior Architecture	$720,100	$99,400
Electrical	$388,200	$289,300
Mechanical		$233,800
Total	**$1,276,400**	**$899,300**
Importance Code A	$168,200	$276,700
Importance Code B	$909,200	$583,800
Importance Code C	$199,000	$38,800
Total	**$1,276,400**	**$899,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,800			
Interior Architecture	$186,300	$2,600		$15,600
Electrical	$18,100	$3,200	$26,200	$3,300
Mechanical	$65,800	$13,800	$27,200	$14,700
Total	**$286,900**	**$19,700**	**$53,400**	**$33,600**
Importance Code A	$25,800	$9,200	$9,400	$9,200
Importance Code B	$233,900	$7,900	$44,000	$24,400
Importance Code C	$27,200	$2,600		
Total	**$286,900**	**$19,700**	**$53,400**	**$33,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$88,600	
Masonry: Brick	80%			LIFE	* *	5	$129,600	
Masonry: Granite	3%			LIFE	* *	5	$3,600	
Masonry: Limestone	5%			LIFE	* *	5	$6,100	
Stucco Cement	5%	0-2	$70,400	2029	* *	5	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$97,800	2040	* *	5	$23,300	
Air Infiltration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	50%			LIFE	* *	5	$58,500	
Masonry: Brick	50%			LIFE	* *	5	$7,600	
Roof								
Modified Bitumen	100%	0-2	$16,800	2029	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Carpet	5%	0-2	$88,400	2026	$88,400	3	$10,400	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%	0-2	$3,600	LIFE	* *	5	$15,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$40,300	2027	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terrazzo	5%	0-2	$16,100	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%			2029	* *	3	$27,700	
Vinyl Tile	30%	Now	$353,400	2034	* *	3	$15,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Wood	10%	4+	$22,900	2039	* *	5	$13,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$5,200	
Ceramic Tile	2%	Now	$95,200	2039	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Stair B								
Glazed Ceramic Panel	5%	Now	$27,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Gymnasium, Hallways And Staircases Throughout								
Gypsum Board	10%			LIFE	* *	5	$10,400	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%	0-2	$103,800	LIFE	* *	5	$38,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	0-2	$6,400	2037	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	5%			2037	* *	5	$8,700	
AcousTileSusp.Lay-In	15%			2037	* *	5	$20,800	
Metal Panel	5%			LIFE	* *	5	$8,700	
Plaster	70%	0-2	$127,300	LIFE	* *	5	$60,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$2,400	
Raceway								
Conduit	30%			2024	$51,800	1		
Conduit	50%			2044	* *	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	45%			2023	$80,700	5	$1,100	
Molded Case Bkrs	50%			2040	* *	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$76,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2044	* *	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%	2-4	$15,100	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	70%			2032	* *	10	$59,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1, 2, 3 Floors								
Explanation : Using T-8 Lamps								
Fluorescent	20%			2019	$205,700	10	$17,000	
HID	5%			2024	$36,900	10	$200	
Incandescent	5%			2019	$51,400	2	$100	
Egress Lighting								
Emergency, Service	30%			2029	* *	1		
Emergency, Battery	20%			2029	* *	10	$4,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$54,500	1	$6,700	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2034	* *	1-3	$22,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$9,000	2037	* *	1	$82,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$32,300	2034	* *	4	$4,600	
Broken, Extent : Moderate, Area Affected : 2%								
Location : Make Up Water Tank Circulation Pump								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	15%			2029	* *	1	$8,600	
Convector/Radiator	85%			2029	* *	1	$25,400	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	90%			2022	$171,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,600	
Exhaust Fans								
Interior	15%			2024	$15,400	2	$400	
Roof	85%	Now	$3,100	2024	$62,600	2	$1,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motors								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%	Now	$4,400	2029	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Main Water Line In Basement								
Water Heater								
Gas Fired	100%			2022	$21,500	2	$1,300	
Sanitary Piping								
Cast Iron	100%	Now	$10,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Backs Up With Heavy Rain								
Storm Drain Piping								
Cast Iron	100%	Now	$2,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Storm Conductor - Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - BK

Asset # : 2888

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 148 - Q**		
Address	**: 89-02 32 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q148**
Program / Asset #	**: BOE0795.000 / 1549**	**Yr Built/Renovated**	**: 1929 / 2007**
Area Sq Ft	**: 92,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 18-Nov-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3,4**		
Block	**: 1419** **Lot : 1**	**BIN**	**: 4034841**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$194,400
Interior Architecture	$360,300	$111,800
Electrical	$402,300	$792,200
Mechanical	$526,100	$412,900
Total	**$1,288,600**	**$1,511,400**
Importance Code A		$212,900
Importance Code B	$1,288,600	$1,298,400
Total	**$1,288,600**	**$1,511,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$33,900	$17,100	
Interior Architecture	$7,100	$5,300	$3,500	
Electrical	$12,900	$2,800	$3,500	$2,600
Mechanical	$13,600	$15,700	$22,000	$14,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$37,600**	**$61,700**	**$50,000**	**$20,500**
Importance Code A	$8,400	$42,600	$25,500	$8,400
Importance Code B	$25,600	$19,100	$24,500	$12,100
Importance Code C	$3,600			
Total	**$37,600**	**$61,700**	**$50,000**	**$20,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$60,400	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,200	
Masonry: Brick	25%			LIFE	* *	5	$24,200	
Masonry: Brick	60%			LIFE	* *	5	$58,000	
Masonry: Granite	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%			2039	* *	5	$34,100	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$9,000	
Masonry: Brick	75%			LIFE	* *	5	$10,900	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1929 Wing*								
Metal Rail	15%			2036	* *	5-10	$39,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,800	
Roof								
Built-Up (BUR)	65%			2031	* *	10	$51,900	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : 1929 Wing*								
Copper/Terne	5%			2058	* *	10	$10,000	
Single Ply Membrane	30%			2028	* *	10	$24,000	
Interior								
Floors								
Cast in Place Concrete	22%			LIFE	* *	5	$68,000	
Ceramic Tile	5%			2032	* *	5	$7,100	
Marble Panels	3%			LIFE	* *	5	$3,200	
Quarry Tile	5%			2036	* *	5	$10,600	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	20%			2028	* *	3	$10,600	
Vinyl Tile	30%			2018	$360,300	3	$15,900	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : 1929 Wing* *Explanation : 9x9 Tiles*								
Wood	10%			2051	* *	5	$26,500	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$7,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,700	
Gypsum Board	15%			LIFE	* *	5	$12,800	
Marble Panels	3%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$24,300	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$7,000	
AcousTileSusp.Lay-In	25%			2036	* *	5	$35,100	
Exposed Concrete	20%			LIFE	* *	5	$4,400	
Plaster	50%			LIFE	* *	5	$43,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated At 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	20%			2043	* *	5	$100	
Fused Knife Sw	80%	0-2	$136,800	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	70%			2023	$120,800	1		
Conduit	30%			2043	* *	1		
Panelboards								
Molded Case Bkrs	30%			2039	* *	5	$700	
Molded Case Bkrs	70%			2022	$125,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	70%			2021	$52,900	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$86,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$12,700	1		
Exit, Battery	50%			2023	$43,400	10	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$347,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$83,500	1	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$17,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2043	* *	1		
Interruptible Gas/Dual Fuel	80%			2043	* *	1		
Conversion Equipment								
Furnace	20%			2028	* *	1	$9,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 7 Roof Top Units								
Steam Boiler	80%			2036	* *	1	$74,800	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2043	* *	4	$3,700	
No Component	20%							
Terminal Devices								
Air Handler	20%			2018	$101,800	1	$11,700	
Convector/Radiator	40%			2021	$356,600	1	$12,200	
Fan Coil Unit/Heat	20%			2018	$282,600	1	$6,100	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 148 - Q

Asset # : 1549

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2028	* *	2	$1,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 7 Roof Top Units								
Window/Wall Unit	30%			2018	$58,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,600	
Exhaust Fans								
Interior	80%			2018	$83,500	2	$2,300	
Roof	20%			2028	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%	2-4	$1,100	2021	$56,400	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%			2022	$22,000	2	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1, 2r, 2, 3r, 3.								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2043	* *	1-5	$9,500	
Sprinkler								
No Component	80%							
Generic	20%			2043	* *	1-2	$5,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 149 - BK THE DANNY KAYE SCHOOL**				
Address	: **700 SUTTER AVENUE @VERMONT ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K149**
Program / Asset #	: **BOE0449.000 / 1349**			**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **93,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **3774**	**Lot**	: **16**	**BIN**	: **3084348**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$665,900	$370,100
Interior Architecture	$782,900	$130,700
Electrical	$419,700	$117,400
Total	**$1,868,500**	**$618,100**
Importance Code A	$665,900	$370,100
Importance Code B	$982,300	$206,900
Importance Code C	$220,300	$41,200
Total	**$1,868,500**	**$618,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$10,500	
Interior Architecture	$91,300			$15,200
Electrical	$12,000	$2,100	$4,500	$2,100
Mechanical	$49,500	$14,600	$25,800	$15,400
Total	**$152,900**	**$16,600**	**$40,700**	**$32,700**
Importance Code A	$9,500	$9,500	$20,100	$9,500
Importance Code B	$98,500	$7,200	$20,600	$23,200
Importance Code C	$44,900			
Total	**$152,900**	**$16,600**	**$40,700**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$196,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$125,600	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,300	
Stucco Cement	5%			2029	* *	5	$20,900	
Windows								
Aluminum	100%	Now	$606,200	2040	* *	5	$24,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	40%			LIFE	* *	5	$48,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$9,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2029	* *	10	$59,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,700	
Ceramic Tile	5%	Now	$13,900	2033	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	35%	0-2	$42,600	2019	$426,100	3	$18,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%			2029	* *	3	$35,800	
Wood	5%	Now	$23,600	2039	* *	5	$6,700	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	10%	Now	$30,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	3%	Now	$14,800	2027	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	77%	Now	$220,300	LIFE	* *	5	$41,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms Located At Building Corners, 1st Thru 4th Floors								
Ceilings								
Plaster	100%	2-4	$94,000	LIFE	* *	5	$89,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2054	* *	5	$200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 1500 Amps Main Disconnect Swicth								
Fused Disc Sw	50%			2054	* *	5	$200	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	30%			2034	* *	5	$100	
Fused Disc Sw	70%			2054	* *	5	$300	
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2054	* *	1		
Panelboards								
Fused Disc Sw	15%			2032	* *	5	$300	
Molded Case Bkrs	85%			2049	* *	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$127,800	2049	* *	1		
Insulation Aged, Extent : Light, Area Affected : 10%								
Location : Basement								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	30%			2054	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$400	
Locally Mounted	30%			2044	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	72%			2029	* *	10	$63,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	20%			2034	* *	10	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Auditorium And Hallways								
Explanation : T8 Lamps								
HID	3%			2024	$22,900	10	$100	
Incandescent	5%			2019	$53,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$64,500	10	$11,500	
Exit, Service	50%			2024	$12,900	1		
Exterior Lighting								
HID	50%			2032	* *	10	$100	
HID	50%			2019	$175,600	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2034	* *	1-3	$22,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - BK THE DANNY KAYE SCHOOL

Asset # : 1349

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$94,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,400	2044	* *	4	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Headers Shut Off Valve								
Terminal Devices								
Air Handler	50%			2029	* *	1	$29,600	
Convector/Radiator	50%			2037	* *	1	$15,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	$19,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,300	
Exhaust Fans								
Interior	100%			2029	* *	2	$2,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,300	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	95%							
Generic	5%			2024	$500	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 149 - BK THE DANNY KAYE SCHOOL
Asset # : 1349

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 149 - M (TANDEM M207 03)**			
Address	:	**34 WEST 118 STREET @ 5TH AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M149**
Program / Asset #	:	**BOE0090.000 / 1707**	**Yr Built/Renovated**	:	**1968 / 2008**
Area Sq Ft	:	**126,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Dec-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**1601** **Lot** : **1**	**BIN**	:	**1051434**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$216,200	$284,000
Interior Architecture	$1,713,300	$757,700
Electrical	$1,425,600	$257,900
Mechanical	$1,009,900	$210,400
Total	**$4,364,900**	**$1,510,000**
Importance Code A	$849,300	$284,000
Importance Code B	$3,515,600	$1,189,900
Importance Code C		$36,200
Total	**$4,364,900**	**$1,510,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,300		
Interior Architecture	$15,700			$21,900
Electrical	$36,900	$36,900	$2,900	$4,100
Mechanical	$29,700	$45,400	$31,300	$18,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$86,300**	**$96,500**	**$38,200**	**$48,500**
Importance Code A		$23,100	$13,100	$12,900
Importance Code B	$86,300	$73,300	$25,000	$35,600
Importance Code C				
Total	**$86,300**	**$96,500**	**$38,200**	**$48,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - M (TANDEM M207 03)

Asset # : 1707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$89,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$101,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$216,200	2039	* *	5	$12,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$12,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2031	* *	10	$92,400	
IRMA/Protected Membrane	10%			2028	* *	10	$10,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,300	
Ceramic Tile	5%			2026	$188,600	5	$9,700	
Vinyl Tile	30%	Now	$49,700	2023	$496,500	3	$21,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	60%	Now	$198,600	2018	$993,000	3	$43,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,400	
Plaster	70%			LIFE	* *	5	$36,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - M (TANDEM M207 03)

Asset # : 1707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	Now	$472,000	2043	* *	5	$36,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	10%	Now	$15,700	2036	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$15,200	
Plaster	10%			LIFE	* *	5	$12,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$500	
Raceway								
Conduit	85%			2023	$177,400	1		
Conduit	15%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$300	
Molded Case Bkrs	90%			2045	* *	5	$3,000	
Wiring								
Braided Cloth	80%	2-4	$238,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2049	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$80,600	5	$600	
Locally Mounted	30%	2-4	$34,500	2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - M (TANDEM M207 03)

Asset # : 1707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$107,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Gym								
Explanation : T-5 Lamps								
Incandescent	5%			2018	$72,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$87,700	10	$15,700	
Exit, Service	50%			2018	$17,500	1		
Exterior Lighting								
HID	100%			2018	$475,900	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$443,700	1-3	$26,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%	0-2	$633,100	2043	* *	1	$115,900	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : One Boiler Leaking Badly								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - M (TANDEM M207 03)

Asset # : 1707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$90,800	2033	* *	4	$6,400	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$10,500	2023	$210,400	1	$21,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Fan Room Air Handler								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Convector/Radiator	70%	Now	$86,000	2028	* *	1	$26,500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2018	$106,900	1		
No Component	60%							
Terminal Devices								
Fan Coil - Cooling	5%			2023	$20,000	1	$2,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Covering Auditorium, Kitchen, Cafeteria, And Gym								
Explanation : 5 Units								
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2023	$5,200	2	$4,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Interior	10%			2023	$14,400	2	$400	
Roof	90%	Now	$4,700	2018	$93,000	2	$2,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$19,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - M (TANDEM M207 03)

Asset # : 1707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%	0-2	$6,700	2018	$6,700	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - 1								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 149 - Q**				
Address	: **93-11 34 AVNEUE BTWN: 93 ST., 94 ST.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q149**
Program / Asset #	: **BOE0796.000 / 1550**			**Yr Built/Renovated**	: **1936 / 2004**
Area Sq Ft	: **94,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **1576**	**Lot**	: **38**	**BIN**	: **4039394**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$112,900	$116,400
Interior Architecture	$571,300	$442,000
Electrical	$76,700	$617,900
Mechanical		$455,000
Total	**$760,800**	**$1,631,200**
Importance Code A	$112,900	$134,900
Importance Code B	$607,900	$1,496,400
Importance Code C	$40,000	
Total	**$760,800**	**$1,631,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$81,400			
Interior Architecture	$77,200		$27,800	$17,500
Electrical	$3,700	$1,100	$1,400	$1,100
Mechanical	$58,200	$21,000	$25,900	$16,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$224,500**	**$26,000**	**$59,000**	**$39,200**
Importance Code A	$89,800	$8,400	$8,400	$8,400
Importance Code B	$84,600	$17,700	$50,700	$27,200
Importance Code C	$50,100			$3,600
Total	**$224,500**	**$26,000**	**$59,000**	**$39,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$118,500	
Masonry: Brick Cavity	25%			LIFE	* *	5	$49,400	
Masonry: Granite	5%			LIFE	* *	5	$7,400	
Masonry: Limestone	7%			LIFE	* *	5	$10,400	
Masonry: Limestone	3%			LIFE	* *	5	$4,400	
Windows								
Aluminum	100%			2042	* *	5	$34,800	
Parapets								
Copper/Terne	5%			2061	* *	5	$3,600	
Masonry: Brick	62%			LIFE	* *	5-10	$62,900	
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$20,300	
Masonry: Limestone	5%			LIFE	* *	5-10	$9,000	
Metal Security Bars	5%			2041	* *			
Pre-Cast Concrete	3%			LIFE	* *	5	$5,600	
Roof								
Built-Up (BUR)	70%			2031	* *	10	$57,100	
Copper/Terne	5%			2054	* *	10	$10,200	
Single Ply Membrane	25%			2031	* *	10	$20,400	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$7,200	
Mosaic Tile	3%			2039	* *	5	$10,800	
Terrazzo	5%			LIFE	* *	5	$11,300	
Vinyl Tile	32%			2026	$392,700	3	$23,100	
Vinyl Tile	25%			2031	* *	3	$13,500	
Vinyl Tile 9" X 9"	25%	Now	$397,400	2036	* *	3	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Fifth Floor Corridor, Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25% Location : Fifth Floor Corridor, Stairs								
Wood	5%	Now	$47,600	2041	* *	5	$6,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25% Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,300	
Gypsum Board	25%			LIFE	* *	5-10	$61,800	
Masonry: Brick	10%			LIFE	* *	10	$4,400	
Marble Panels	5%			LIFE	* *	10	$2,900	
Plaster	40%			LIFE	* *	5-10	$49,400	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$7,300	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2031	* *	5	$14,300	
AcousTileSusp.Lay-In	25%			2039	* *	5	$35,800	
Exposed Concrete	10%			LIFE	* *	5-10	$17,900	
Plaster	55%			LIFE	* *	5-10	$135,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Fused Disc Sw	50%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	30%			2046	* *	1		
Conduit	70%			2026	$120,800	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$2,400	
Wiring								
Braided Cloth	30%	2-4	$76,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$300	
Locally Mounted	50%			2024	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$85,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$355,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : C C T V Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns, Smoke Detector And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2046	* *	1		
Interruptible Gas/Dual Fuel	75%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 7500 Gallon Tank								
Conversion Equipment								
Furnace	25%			2031	* *	1	$11,900	
Other Observation, Extent : Light, Area Affected : 25%								
Location : New Wing Roof								
Explanation : 10 Roof Top Package Units								
Steam Boiler	75%			2039	* *	1	$71,600	
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Boiler Room, Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	75%	0-2	$10,100	2036	* *	4	$3,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : F & T Traps, Boiler Room								
No Component	25%							
Terminal Devices								
Air Handler	15%			2026	$78,000	1	$8,900	
Convector/Radiator	45%			2031	* *	1	$14,000	
Fan Coil Unit/Heat	15%			2021	$216,600	1	$4,700	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2031	* *	2	$1,500	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : 10 Package Units, New Wing Roof								
Window/Wall Unit	25%			2021	$49,600	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$63,800	
Ductwork/Diffusers	25%			LIFE	* *	2-5	$21,300	
Exhaust Fans								
Interior	50%			2026	$53,300	2	$1,500	
Roof	50%			2031	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2046	* *	1		
Galv Iron/Steel	20%			2024	$57,600	1		
Water Heater								
Gas Fired	100%			2021	$22,400	2	$1,400	
Sanitary Piping								
Cast Iron	75%			LIFE	* *	1		
Cast Iron	25%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	75%			LIFE	* *	1		
Cast Iron	25%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,800	
Fixtures								
Generic	75%							
Obsolete Fixtures, Extent : Severe, Area Affected : 75%								
Location : Throughout Old Wing								
Generic	25%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing 1-4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 149 - Q

Asset # : 1550

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 150 - BK**
Address : **364 SACKMAN STREET BTWN: BELMONT AVE - SUTTER AVE**
Borough : **BROOKLYN**
Agency's Number : **K150**
Program / Asset # : **BOE0450.000 / 1350**
Yr Built/Renovated : **1907 / 2005**
Area Sq Ft : **95,000**
Project Type : **EDUCATION**
Date of Survey : **05-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3744** **Lot** : **9**
BIN : **3084012**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$992,900	$172,500
Interior Architecture	$658,500	$1,127,100
Electrical	$258,700	$1,388,900
Mechanical	$143,100	$945,000
Total	**$2,053,200**	**$3,633,400**
Importance Code A	$992,900	$191,000
Importance Code B	$916,700	$3,147,400
Importance Code C	$143,600	$295,000
Total	**$2,053,200**	**$3,633,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,800	$28,000		
Interior Architecture	$63,100	$27,400		$13,700
Electrical	$2,600	$2,400	$3,100	$3,600
Mechanical	$102,300	$40,400	$15,500	$13,400
Total	**$188,700**	**$98,200**	**$18,600**	**$30,700**
Importance Code A	$30,300	$37,700	$9,800	$9,700
Importance Code B	$133,300	$60,400	$8,800	$21,000
Importance Code C	$25,100			
Total	**$188,700**	**$98,200**	**$18,600**	**$30,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$383,500	LIFE	* *	5	$127,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$220,200	LIFE	* *	5	$13,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	20%	Now	$105,200	2036	* *	5	$45,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Construction, Extent : Light, Area Affected : 100%								
Location : North Facade, South Facade								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North Facade, South Facade								
Explanation : Stucco Applied Over Existing Brick								
Windows								
Aluminum	100%	Now	$215,000	2039	* *	5	$25,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$20,800	LIFE	* *	5	$10,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$69,000	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	55%			2028	* *	10	$28,000	
Copper/Terne	20%			2051	* *	10	$25,400	
Paver: Asphalt	25%			2032	* *	10	$19,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2026	$141,700	5	$7,300	
Vinyl Tile	25%	Now	$310,900	2033	* *	3	$13,700	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria And Corridors, Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria And Corridors, Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria And Corridors, Throughout								
Vinyl Tile	50%			2023	$621,800	3	$36,600	
Wood	10%			2063	* *	5	$27,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	10%			2038	* *	5	$27,400	
Interior Walls								
Ceramic Tile	5%	Now	$25,100	2026	$251,300	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$71,000	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Bolier Room								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Marble Panels	5%	Now	$72,600	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Stair Near Auditorium Entrance								
Plaster	70%			LIFE	* *	5	$38,200	
Plaster	10%			LIFE	* *	5	$5,500	
Ceilings								
AcousTile,Adhered	15%	Now	$204,000	2043	* *	5	$11,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Exposed Concrete	10%			LIFE	* *	5	$2,300	
Plaster	15%	Now	$28,800	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Entrance And Storage Room In Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Entrance								
Plaster	60%			LIFE	* *	5	$54,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Rated @ 2000 Amps								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	80%			2023	$138,100	1		
Conduit	20%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	75%			2045	* *	5	$1,900	
Molded Case Bkrs	20%			2022	$35,900	5	$500	
Wiring								
Braided Cloth	80%	2-4	$204,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2049	* *	1		
Motor Controllers								
Locally Mounted	80%			2040	* *	5	$500	
Locally Mounted	20%			2021	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	25%			2031	* *	10	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	70%			2023	$759,800	10	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-12 Lamps								
Incandescent	5%			2018	$54,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,800	
Exit, Service	50%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$358,800	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$7,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$9,500	2036	* *	1	$87,100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$34,100	2023	$682,300	4	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2018	$52,700	1	$6,000	
Convector/Radiator	90%			2028	* *	1	$28,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	45%			2018	$90,400	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$13,600	
No Component	75%							
Exhaust Fans								
Interior	25%			2018	$27,000	2	$800	
No Component	75%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BK

Asset # : 1350

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galv Iron/Steel	90%	Now	$26,300	2021	$262,700	1		
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Water Heater								
Gas Fired	100%			2021	$22,700	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$10,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Boys Room								
Storm Drain Piping								
Cast Iron	100%	Now	$6,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof Affecting Classrooms # 301 And 401								
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 150 - BX**		
Address	: **920 EAST 167 STREET BTWN: FOX ST., TIFFANY ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X150**
Program / Asset #	: **BOE0287.000 / 385**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2717** **Lot** : **5**	**BIN**	: **2005681**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$354,000	$909,200
Interior Architecture	$1,085,800	
Electrical		$633,200
Mechanical	$68,500	$870,200
Total	**$1,508,300**	**$2,412,600**
Importance Code A	$354,000	$1,386,500
Importance Code B	$1,118,600	$1,026,000
Importance Code C	$35,700	
Total	**$1,508,300**	**$2,412,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$113,400		$22,100	$14,700
Electrical	$2,300	$1,100	$1,400	$1,100
Mechanical	$48,700	$19,600	$21,800	$13,900
Total	**$164,400**	**$20,600**	**$45,200**	**$29,600**
Importance Code A	$9,700	$9,700	$9,700	$9,700
Importance Code B	$130,700	$10,900	$29,000	$19,900
Importance Code C	$24,000		$6,500	
Total	**$164,400**	**$20,600**	**$45,200**	**$29,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$81,200	
Glazed Ceramic Panel	10%			LIFE	* *	5	$76,100	
Masonry: Brick Cavity	75%			LIFE	* *	5	$121,800	
Metal Panel	5%			2046	* *	5-10	$27,900	
Windows								
Aluminum	100%	Now	$76,400	2042	* *	5	$9,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Metal Rail	70%			2031	* *	5-10	$168,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Roof								
Explanation : Height Of Railing Is Very Low								
Metal Security Bars	30%			2041	* *			
Roof								
Built-Up (BUR)	40%	Now	$53,200	2026	$177,300			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium And Gymnasium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Over Cafeteria								
Copper/Terne	5%			2041	* *	10	$12,100	
IRMA/Protected Membrane	55%	Now	$84,900	2026	$424,300			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%								
Location : Third Floor Roof								
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Third Floor Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$64,200	
Ceramic Tile	5%			2035	* *	5	$7,300	
Terrazzo	5%			LIFE	* *	5	$11,500	
Vinyl Tile	10%			2031	* *	3	$5,500	
Vinyl Tile 9" X 9"	60%	0-2	$970,000	2036	* *	3	$33,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2054	* *	5	$27,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2029	* *	5	$13,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,400	
Marble Panels	5%			LIFE	* *	10	$2,600	
Plaster	50%			LIFE	* *	5-10	$55,200	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,200	
Ceilings								
AcousTileConcealSpLn	20%			2031	* *	5	$36,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Exposed Concrete	50%			LIFE	* *	5-10	$91,600	
Metal Panel	15%			LIFE	* *	5	$55,000	
Plaster	15%			LIFE	* *	5-10	$37,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	95%			2046	* *	1		
Conduit	5%			2026	$8,600	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$2,400	
Wiring								
Thermoplastic	25%			2026	$63,900	1		
Thermoplastic	75%			2046	* *	1		
Motor Controllers								
Locally Mounted	60%			2039	* *	5	$400	
Locally Mounted	40%			2024	$30,200	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$85,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2034	* *			
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2026	$358,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$86,200	1	$10,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Some Classrooms								
Explanation : Strobe Lights, Smoke Detectors, Horns, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$30,400	
Conversion Equipment								
Steam Boiler	100%			2024	$477,300	1	$97,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$68,500	2036	* *	4	$4,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Various								
Terminal Devices								
Air Handler	25%			2026	$132,200	1	$15,200	
Convector/Radiator	75%			2031	* *	1	$23,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - BX

Asset # : 385

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$141,100	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,600	
Exhaust Fans								
Interior	20%			2026	$21,700	2	$600	
Roof	80%	Now	$3,100	2026	$62,400	2	$1,900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$30,400	4	$14,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 80%								
Location : Various								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$57,200	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 150 - Q**		
Address	: **40-01 43 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q150**
Program / Asset #	: **BOE0797.000 / 1537**	**Yr Built/Renovated**	: **1932 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Feb-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **185** **Lot** : **1**	**BIN**	: **4002387**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$270,300	$307,000
Interior Architecture	$718,900	$220,100
Electrical	$1,339,400	$438,800
Mechanical	$422,700	
Total	**$2,751,300**	**$965,900**
Importance Code A	$270,300	$331,000
Importance Code B	$2,481,000	$634,900
Total	**$2,751,300**	**$965,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,800	$26,700		
Interior Architecture	$32,200	$3,300	$7,800	$17,500
Electrical	$3,600	$300	$700	$68,800
Mechanical	$31,200	$16,900	$23,700	$38,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$101,700**	**$51,300**	**$36,200**	**$128,300**
Importance Code A	$38,300	$34,200	$7,500	$7,700
Importance Code B	$63,400	$17,000	$28,700	$120,600
Importance Code C				
Total	**$101,700**	**$51,300**	**$36,200**	**$128,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,900	
Masonry: Brick	50%			LIFE	* *	5	$45,700	
Masonry: Brick Cavity	25%			LIFE	* *	5	$22,800	
Masonry: Granite	5%			LIFE	* *	5	$3,400	
Masonry: Limestone	12%			LIFE	* *	5	$8,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 15% *Location : Throughout*								
Pre-Cast Concrete	3%			LIFE	* *	5	$8,900	
Windows								
Aluminum	100%	Now	$270,300	2041	* *	5	$16,100	
Hardware Missing, Extent : Moderate, Area Affected : 15% *Location : Throughout* *Unit Inoperable, Extent : Moderate, Area Affected : 20%* *Location : Throughout*								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$7,500	
Masonry: Brick Cavity	20%			LIFE	* *	5	$2,700	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	15%			2038	* *	5-10	$37,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	62%			2025	$214,500	10	$46,800	
Metal Panel	3%			2038	* *	10	$4,200	
Modified Bitumen	35%	Now	$30,800	2030	* *			
Blisters, Extent : Moderate, Area Affected : 25% *Location : Over New Wing* *Water Penetration, Extent : Moderate, Area Affected : 15%* *Location : Rooms 324, 325, 330 Corridor, Stair*								
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,600	
Ceramic Tile	8%			2034	* *	5	$10,700	
Sheet Vinyl/Rubber	7%	Now	$277,500	2035	* *	5	$7,000	
Adhesion Failure, Extent : Severe, Area Affected : 25%								
Location : Auditorium								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 50%								
Location : Auditorium								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	15%			2025	$170,400	3	$7,500	
Vinyl Tile	20%			2030	* *	3	$10,000	
Vinyl Tile 9" X 9"	30%	Now	$441,400	2035	* *	3	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	10%			2040	* *	5	$25,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$5,400	
Gypsum Board	17%			LIFE	* *	5	$13,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	48%			LIFE	* *	5	$19,400	
Ceilings								
AcousTileSusp.Lay-In	30%	Now	$32,200	2038	* *	5	$19,900	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 324, 325, 330, Stair And Thrd Floor Corridor								
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Plaster	60%			LIFE	* *	5	$49,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2025	$13,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$119,700	5	$300	
Fused Disc Sw	30%			2045	* *	5	$100	
Raceway								
Conduit	20%			2045	* *	1		
Conduit	80%			2025	$138,100	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Knife Sw	2%	0-2	$3,600	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Molded Case Bkrs	30%			2041	* *	5	$700	
Molded Case Bkrs	58%			2024	$104,000	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$52,900	5	$400	
Locally Mounted	30%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2030	* *	10	$16,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	76%			2020	$753,400	10	$62,200	
Other Observation, Extent : Moderate, Area Affected : 99%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$14,200	10	$100	
Incandescent	2%			2020	$19,800	2		
Egress Lighting								
Emergency, Service	50%			2020	$22,000	1		
Exit, Service	50%			2020	$12,000	1		
Exterior Lighting								
HID	100%			2020	$328,600	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	30%			2045	* *	1		
Interruptible Gas/Dual Fuel	70%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2030	* *	1	$13,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof Of New Addition								
Explanation : 7 Package Units								
Steam Boiler	70%			2038	* *	1	$61,900	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%			2035	* *	4	$3,100	
No Component	30%							

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2020	$96,200	1	$11,000	
Convector/Radiator	30%	Now	$12,600	2030	* *	1	$7,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2020	$267,300	1	$5,800	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2030	* *	2	$1,600	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 7 Units, New Wing Roof								
Window/Wall Unit	10%			2020	$18,300	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$34,800	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$14,900	
Exhaust Fans								
Interior	60%			2020	$59,200	2	$1,600	
Roof	40%			2030	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2023	$13,800	4	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Working Units And 1 Abandoned Gas Fired Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								

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DEPARTMENT OF EDUCATION - 040

P. S. 150 - Q

Asset # : 1537

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	70%							
Obsolete Fixtures, Extent : Severe, Area Affected : 70%								
Location : Throughout Old Wing								
Generic	30%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, 1, 1a, 2, 2a, 3, 3a								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2045	* *	1-2	$8,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 151 - BK**				
Address	: **763 KNICKERBOCKER AVENUE @ HALSEY ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K151**
Program / Asset #	: **BOE0451.000 / 1083**			**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **56,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**				
Block	: **3406**	**Lot**	: **1**	**BIN**	: **3078654**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$292,200	$195,400
Interior Architecture	$575,600	$645,500
Electrical	$336,200	$649,000
Mechanical	$97,500	$234,200
Total	**$1,301,400**	**$1,724,000**
Importance Code A	$292,200	$195,400
Importance Code B	$794,800	$1,232,400
Importance Code C	$214,400	$296,200
Total	**$1,301,400**	**$1,724,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,500		
Interior Architecture	$43,200	$6,800		$3,200
Electrical	$11,100	$16,200	$1,000	$900
Mechanical	$38,900	$13,900	$16,700	$8,000
Total	**$93,200**	**$51,400**	**$17,700**	**$12,100**
Importance Code A	$5,700	$20,300	$5,700	$5,700
Importance Code B	$87,400	$31,100	$12,000	$6,400
Importance Code C				
Total	**$93,200**	**$51,400**	**$17,700**	**$12,100**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$78,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%	Now	$243,300	LIFE	* *	5	$80,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 202, 204, 302, 308								
Masonry: Limestone	10%			LIFE	* *	5	$7,600	
Windows								
Aluminum	100%			2048	* *	5	$29,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$48,800	LIFE	* *	5	$8,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Security Bars	5%			2038	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	100%			2033	* *	10	$36,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$4,500	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$16,700	2026	$83,500	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	30%	Now	$22,000	2023	$219,900	3	$9,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%			2018	$183,300	3	$8,100	
Vinyl Tile	10%			2033	* *	3	$3,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	20%	4+	$113,700	2038	* *	5	$16,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	10%	Now	$88,900	2026	$296,200	5	$5,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	15%	Now	$125,600	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%								
Location : Basement Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Plaster	75%			LIFE	* *	5	$24,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 210								
Ceilings								
AcousTile,Adhered	7%			2043	* *	5	$6,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTile,Adhered	8%	Now	$64,100	2043	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	85%			LIFE	* *	5	$45,800	

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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$200	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$10,500	5	$100	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$100	
Molded Case Bkrs	75%			2022	$78,500	5	$1,100	
Wiring								
Braided Cloth	45%	2-4	$78,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	45%			2023	$78,200	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$200	
Locally Mounted	50%			2021	$22,700	5	$200	
Motor Control Center	10%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$52,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	10%			2028	* *	10	$1,400	
Emergency, Battery	40%			2018	$31,100	10	$5,600	
Exit, Service	50%			2018	$7,800	1		
Exterior Lighting								
HID	100%			2023	$211,500	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$174,000	1-3	$10,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$57,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$40,200	2033	* *	4	$2,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$12,400	2023	$62,100	1	$6,400	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Convector/Radiator	80%			2028	* *	1	$14,900	
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2018	$5,900	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,100	
Exhaust Fans								
Interior	90%	Now	$5,700	2018	$57,300	2	$1,300	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Roof	10%			2023	$4,600	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Accessible								
Explanation : Roof Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$172,000	1		
Water Heater								
Gas Fired	100%	Now	$13,400	2023	$13,400	2	$700	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement								
Not Energy Efficient, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2023	$17,900	4	$5,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 151 - BK

Asset # : 1083

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 151 - Q**		
Address	: **50-05 31 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q151**
Program / Asset #	: **BOE0798.000 / 1523**	**Yr Built/Renovated**	: **1931 / 2001**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **752** **Lot** : **1**	**BIN**	: **4014094**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$637,100	$61,900
Interior Architecture	$693,800	$451,100
Electrical	$716,600	$309,400
Mechanical	$238,900	$389,500
Total	**$2,286,300**	**$1,211,900**
Importance Code A	$637,100	$80,400
Importance Code B	$1,467,500	$1,131,500
Importance Code C	$181,700	
Total	**$2,286,300**	**$1,211,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,300		$7,900	
Interior Architecture	$27,000	$5,800	$3,500	
Electrical	$4,800	$2,600	$30,400	$2,100
Mechanical	$14,400	$14,800	$33,200	$13,100
Total	**$51,500**	**$23,200**	**$75,000**	**$15,200**
Importance Code A	$12,100	$6,800	$14,800	$6,800
Importance Code B	$37,800	$16,400	$60,200	$8,400
Importance Code C	$1,600			
Total	**$51,500**	**$23,200**	**$75,000**	**$15,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,500	
Masonry: Brick	88%	Now	$373,600	LIFE	* *	5	$61,900	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Facade Facing School Yard								
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Metal Panel	5%			2044	* *	5-10	$24,200	
Windows								
Aluminum	100%	Now	$208,200	2040	* *	5	$12,400	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Facade Facing School Yard								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,100	
Copper/Terne	5%			2044	* *	5	$2,600	
Masonry: Brick	90%			LIFE	* *	5	$9,500	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$55,300	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2037	* *	10	$5,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,300	
Ceramic Tile	3%			2027	* *	5	$3,100	
Cork Tile	5%			2044	* *	5	$4,500	
Terrazzo	5%	4+	$23,900	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Lobby, Stairs								
Vinyl Tile	45%			2024	$393,600	3	$17,400	
Vinyl Tile	10%			2019	$87,500	3	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Under Sinks In Classrooms								
Explanation : 9 inch X 9 inch Tiles								
Wood	27%	4+	$183,200	2039	* *	5	$26,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,100	
Masonry: Brick	10%	0-2	$40,400	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Electric Room And Boiler Room In Basement								
Marble Panels	2%			LIFE	* *			
Plaster	85%	0-2	$141,300	LIFE	* *	5	$26,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Back Of Building Facing School Yard								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : 4th Floor Classrooms Located In The Back Of The Building Facing School Yard								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	90%	0-2	$241,400	LIFE	* *	5	$57,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Room 454								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : 4th Floor Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2024	$88,000	5	$200	
Fused Disc Sw	40%			2044	* *	5	$100	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	2%	2-4	$2,700	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	68%			2023	$91,500	5	$1,200	
Molded Case Bkrs	20%			2040	* *	5	$400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$59,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2029	* *	10	$1,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
HID	2%			2019	$11,000	10		
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,700	
Emergency, Battery	40%			2019	$37,100	10	$6,600	
Exit, Service	5%			2029	* *	1		
Exit, Service	45%			2019	$8,300	1		
Exterior Lighting								
HID	100%			2019	$253,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$7,500	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$208,200	1-3	$12,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	90%			2044	* *	5	$19,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7,500 Gallon Tanks								
Natural Gas	10%	Now	$300	2044	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Sufficient Gas Service Not Available, Burners Are Not Connected								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #2 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2019	$74,100	1	$8,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Blowers Are At Or Are Approaching Their Useful Life Cycle Limit								
Convector/Radiator	60%			2022	$389,500	1	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Radiators Are At Or Are Approaching Their Useful Life Cycle Limit								
Unit Heater-Stm/HW	20%			2019	$88,800	4	$1,300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Classrooms, The Unit Ventilators Are At Or Are Approaching Their Useful Life Cycle Limit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	$14,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	100%			2019	$76,000	2	$2,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, The Exhaust Fans Are At Or Are Approaching Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 151 - Q

Asset # : 1523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$16,000	2	$1,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2029	* *	1	$800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,000	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 152 - BK**
Address : **725 EAST 23 STREET BTWN: GLENWOOD RD., CAMPUS RD.**
Borough : **BROOKLYN**
Agency's Number : **K152**
Program / Asset # : **BOE0452.000 / 1351**
Yr Built/Renovated : **1907 / 2015**
Area Sq Ft : **162,000**
Project Type : **EDUCATION**
Date of Survey : **19-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **7551** **Lot** : **26** **BIN** : **3205780**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$556,500	$362,700
Interior Architecture	$1,066,000	$132,300
Electrical		$3,344,400
Mechanical	$41,300	$679,900
Total	**$1,663,800**	**$4,519,300**
Importance Code A	$556,500	$362,700
Importance Code B	$586,600	$4,110,000
Importance Code C	$520,700	$46,600
Total	**$1,663,800**	**$4,519,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$94,500		$30,600	
Interior Architecture	$153,300		$11,700	$35,800
Electrical	$46,100	$12,500	$14,600	$13,800
Mechanical	$72,800	$33,300	$45,200	$36,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$374,600**	**$53,700**	**$109,900**	**$94,000**
Importance Code A	$111,000	$16,500	$47,100	$16,500
Importance Code B	$224,800	$37,200	$62,900	$69,800
Importance Code C	$38,800			$7,800
Total	**$374,600**	**$53,700**	**$109,900**	**$94,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$82,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$49,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	2%			2046	* *	10	$12,400	
Masonry: Brick	40%			LIFE	* *	5	$211,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	$79,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	22%			LIFE	* *	5	$116,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$7,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2046	* *	5-10	$36,400	
Windows								
Aluminum	55%			2042	* *	5	$43,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glass Block	30%			LIFE	* *	5	$29,500	
Wood	15%			2034	* *	5	$118,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$48,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5-10	$93,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5-10	$34,900	
Masonry: Brick	25%			LIFE	* *	5-10	$58,100	
Masonry: Limestone	5%			LIFE	* *	5-10	$20,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	5%			2039	* *	5-10	$30,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$21,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	45%			2031	* *	10	$58,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	3%			2054	* *	10	$9,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	2%			2054	* *	10	$6,500	
Metal Panel	5%			2039	* *	10	$11,900	
Slate	45%			LIFE	* *	10	$58,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1907 Wing								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$54,600	
Ceramic Tile	5%			2035	* *	5	$12,500	
Quarry Tile	10%	0-2	$71,700	2039	* *	5	$18,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$19,500	
Vinyl Tile	70%	Now	$296,900	2031	* *	3	$65,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%			2054	* *	5	$23,400	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$15,500	
Concrete Masonry Unit	25%			LIFE	* *	5	$62,100	
Glazed Ceramic Panel	15%	0-2	$147,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$373,700	LIFE	* *	5	$46,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	0-2	$25,200	2039	* *	5	$39,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	Now	$40,400	2039	* *	5	$24,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5-10	$31,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$24,900	
Gypsum Board	10%			LIFE	* *	5-10	$85,700	
Plaster	30%			LIFE	* *	5-10	$128,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2036	* *	5	$300	
Fused Disc Sw	50%			2036	* *	5	$300	
Raceway								
Conduit	90%			2026	$222,700	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$12,700	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Fused Toggle Switch	5%	4+	$12,700	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Molded Case Bkrs	60%			2025	$152,500	5	$2,600	
Molded Case Bkrs	30%			2034	* *	5	$1,300	
Wiring								
Thermoplastic	90%			2026	$312,600	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$1,100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$49,800	
Generators								
Diesel	100%			2029	* *	1	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 230 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$36,100	
Fuel Storage								
Main Tank	100%			2041	* *	5	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 290 Gal								
Lighting								
Interior Lighting								
Fluorescent	94%			2026	$1,739,900	10	$143,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	6%			2026	$111,100	10	$9,200	
Other Observation, Extent : Moderate, Area Affected : 6%								
Location : Throughout								
Explanation : Using T-5 Lamps								
Egress Lighting								
Emergency, Service	50%			2021	$41,000	1		
Exit, Service	25%			2026	$11,200	1		
Exit, Service	25%			2021	$11,200	1		
Exterior Lighting								
HID	100%			2021	$611,800	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$12,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$165,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 In Basement Boiler Room, 2 On 3rd Floor								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$23,300	2036	* *	4	$8,200	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Pump, Basement								
Terminal Devices								
Air Handler	20%			2026	$179,700	1	$20,600	
Convector/Radiator	70%			2031	* *	1	$37,700	
Fan Coil Unit/Heat	10%			2031	* *	1	$5,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2031	* *	1	$7,700	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Cooling	20%			2026	$153,800	2	$2,000	
Window/Wall Unit	30%			2021	$102,800	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2036	* *	4	$800	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2031	* *	1	$10,300	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2031	* *	2	$11,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$147,100	
Exhaust Fans								
Interior	60%			2026	$110,500	2	$3,100	
Roof	40%			2021	$53,000	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$38,800	2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BK

Asset # : 1351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2031	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : (1) 1-4 (1) B-1								
Explanation : Two Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$9,300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 152 - BX**		
Address	: **1007 EVERGREEN AVENUE @BRUCKNER BLVD.**		
Borough	: **BRONX**	**Agency's Number**	: **X152**
Program / Asset #	: **BOE0289.000 / 1096**	**Yr Built/Renovated**	: **1975 / 2008**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **3711** **Lot** : **1**	**BIN**	: **2023336**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$439,200	$73,900
Interior Architecture	$241,100	$956,200
Electrical	$1,852,300	$849,100
Mechanical		$1,125,100
Total	**$2,532,600**	**$3,004,300**
Importance Code A	$439,200	$568,100
Importance Code B	$2,043,500	$2,436,100
Importance Code C	$49,900	
Total	**$2,532,600**	**$3,004,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,700			
Interior Architecture	$75,300			$14,100
Electrical	$2,700	$45,400	$1,600	$1,500
Mechanical	$54,600	$46,200	$29,800	$17,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$180,200**	**$95,500**	**$35,300**	**$37,100**
Importance Code A	$53,000	$9,500	$9,300	$9,300
Importance Code B	$127,200	$86,000	$26,000	$27,800
Importance Code C				
Total	**$180,200**	**$95,500**	**$35,300**	**$37,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$73,900	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	60%	2-4	$439,200	2048	* *	5	$5,200	
Air Infiltration, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	40%			2031	* *	5	$7,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$12,100	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Roof								
IRMA/Protected Membrane	90%	Now	$33,300	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	10%	Now	$10,500	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,800	
Ceramic Tile	3%	Now	$8,200	2032	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panel/Paver: Cer/Brk	5%	0-2	$33,100	2039	* *	5	$7,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Quarry Tile	2%			2036	* *	5	$4,200	
Vinyl Tile	80%	0-2	$191,200	2023	$956,200	3	$42,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$12,400	
Metal Panel	10%			LIFE	* *			
Plaster	50%	0-2	$49,900	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	$34,100	2036	* *	5	$21,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5	$12,100	
Fiber Board	5%			2028	* *			
Metal Panel	10%			LIFE	* *	5	$17,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps & One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2023	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	85%			2022	$152,500	5	$2,000	
Wiring								
Braided Cloth	40%	2-4	$102,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	55%			2023	$140,500	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$37,800	5	$300	
Motor Control Center	50%			2021	$146,300	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2018	$991,100	10	$81,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2028	* *	10	$100	
Incandescent	2%			2018	$20,900	2		
Egress Lighting								
Emergency, Battery	10%			2031	* *	10	$2,300	
Emergency, Battery	40%			2018	$50,700	10	$9,100	
Exit, Service	50%			2018	$12,700	1		
Exterior Lighting								
HID	100%			2018	$343,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$282,800	1-3	$16,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$29,100	
Conversion Equipment								
Steam Boiler	100%			2021	$457,200	1	$93,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,900	
Terminal Devices								
Air Handler	50%			2023	$253,200	1	$29,000	
Convector/Radiator	50%	Now	$22,200	2028	* *	1	$13,700	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2023	$63,800	1	$8,700	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : A C Room								
Window/Wall Unit	40%			2021	$77,200	1		
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - BX

Asset # : 1096

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	20%			2033	* *	4	$1,400	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2023	$89,200	1	$11,600	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2023	$67,300	2	$13,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	60%			2023	$62,300	2	$1,700	
Roof	40%			2023	$29,900	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$5,600	2033	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1, 2, 3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$47,400	
Sprinkler								
No Component	95%							
Generic	5%			2023	$54,800	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 152 - M**		
Address	**: 93 NAGLE AVE. @ ELLWOOD ST**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M152**
Program / Asset #	**: BOE0092.000 / 1709**	**Yr Built/Renovated**	**: 1928 / 1992**
Area Sq Ft	**: 137,975**	**Project Type**	**: EDUCATION**
Date of Survey	**: 03-Oct-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 2173 Lot : 1**	**BIN**	**: 1064149**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$125,700	$403,000
Interior Architecture	$866,800	$142,000
Electrical	$1,489,700	$415,200
Mechanical	$816,800	$1,307,900
Total	**$3,299,000**	**$2,268,100**
Importance Code A	$125,700	$860,600
Importance Code B	$2,993,300	$1,407,500
Importance Code C	$180,000	
Total	**$3,299,000**	**$2,268,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,500			$2,200
Interior Architecture	$89,300	$15,500		$9,000
Electrical	$51,000	$15,600	$11,600	$11,800
Mechanical	$25,600	$25,200	$33,200	$82,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$191,300**	**$60,200**	**$48,800**	**$109,400**
Importance Code A	$32,800	$11,300	$11,300	$13,800
Importance Code B	$120,700	$49,000	$37,500	$95,600
Importance Code C	$37,800			
Total	**$191,300**	**$60,200**	**$48,800**	**$109,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$199,100	
Masonry: Brick	10%	Now	$76,900	LIFE	* *	5	$25,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Foundation								
Masonry: Brick	45%			LIFE	* *	5	$114,700	
Masonry: Brick	25%			LIFE	* *	5	$63,700	
Masonry: Granite	10%			LIFE	* *	5	$19,100	
Windows								
Aluminum	100%	2-4	$48,800	2041	* *	5	$11,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,200	
Concrete Masonry Unit	8%			LIFE	* *	5	$1,700	
Copper/Terne	5%			2060	* *	5	$4,400	
Masonry: Brick	20%			LIFE	* *	5	$3,700	
Masonry: Brick	55%			LIFE	* *	5	$10,100	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	95%	Now	$21,500	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2053	* *	10	$12,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$10,700	LIFE	* *	5	$45,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	0-2	$40,000	2034	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$15,500	
Terrazzo	5%	2-4	$24,000	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	30%			2030	* *	3	$23,200	
Vinyl Tile	35%	Now	$307,300	2030	* *	3	$27,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	10%	Now	$136,200	2040	* *	5	$19,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	4+	$13,000	2034	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$20,900	LIFE	* *	5	$7,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	10%	4+	$3,900	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	2-4	$36,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	4+	$37,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	35%	2-4	$105,800	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	2-4	$8,400	2038	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	2-4	$8,400	2038	* *	5	$10,300	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	75%	0-2	$203,300	LIFE	* *	5	$96,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$300	
Water Present, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Fused Disc Sw	50%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$110,000	5	$300	
Fused Disc Sw	50%			2035	* *	5	$300	
Raceway								
Conduit	60%			2025	$148,500	1		
Conduit	40%			2035	* *	1		
Panelboards								
Fused Disc Sw	15%			2024	$33,600	5	$500	
Fused Toggle Switch	5%	2-4	$11,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	40%			2033	* *	5	$1,500	
Molded Case Bkrs	40%			2024	$89,700	5	$1,500	
Wiring								
Braided Cloth	60%	2-4	$208,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%	2-4	$34,500	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	30%			2030	* *	5	$300	
Locally Mounted	40%			2023	$46,000	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$42,500	
Generators								
Natural Gas	100%	Now	$121,400	2040	* *	1	$48,100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$5,100	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$126,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	40%			2033	* *	10	$13,300	
Exit, Service	60%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$521,100	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$83,500	1	$10,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$428,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$42,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	35%			2042	* *	1	$23,900	
Other Observation, Extent : Severe, Area Affected : 35%								
Location : Basement								
Explanation : Three New Hot Water Units Designed To Serve New Addition Have Not Been Made Operational								
Steam Boiler	65%			2023	$436,600	1	$88,800	
Other Observation, Extent : Light, Area Affected : 65%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$48,200	2035	* *	4	$6,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2020	$148,800	1	$17,100	
Convector/Radiator	50%			2023	$651,600	1	$22,300	
Fan Coil Unit/Heat	30%			2020	$619,800	1	$13,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$28,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,900	
Exhaust Fans								
Interior	90%	Now	$2,700	2025	$137,300	2	$3,000	
Broken, Extent : Severe, Area Affected : 50%								
Location : Flexible Connections								
Roof	10%	Now	$1,100	2025	$11,000	2	$300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$82,400	1		
Water Heater								
Gas Fired	100%			2023	$32,100	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Boiler Room								
Explanation : Two (2) 300 Gallon Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - M

Asset # : 1709

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$7,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 152 - Q**				
Address	: **33-52 62 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q152**
Program / Asset #	: **BOE0799.000 / 1524**			**Yr Built/Renovated**	: **1938 / 1999**
Area Sq Ft	: **10,700**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **1184**	**Lot**	: **14**	**BIN**	: **4027102**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$61,000	
Interior Architecture	$41,900	
Electrical	$142,700	$92,600
Mechanical		$91,000
Total	**$245,600**	**$183,600**
Importance Code A	$61,000	$37,400
Importance Code B	$184,600	$146,200
Total	**$245,600**	**$183,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,000		$200	
Interior Architecture	$18,900	$700	$4,000	$800
Electrical	$200	$300	$25,900	$300
Mechanical	$6,900	$1,500	$38,400	$2,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$76,100**	**$6,400**	**$72,400**	**$7,800**
Importance Code A	$46,900	$900	$1,100	$900
Importance Code B	$29,100	$5,100	$71,300	$6,800
Importance Code C		$400		
Total	**$76,100**	**$6,400**	**$72,400**	**$7,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$61,000	LIFE	* *	5	$10,100	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Facade Along 62nd Street								
Masonry: Granite	5%			LIFE	* *	5	$400	
Masonry: Limestone	5%			LIFE	* *	5	$400	
Windows								
Aluminum	95%	0-2	$31,600	2040	* *	5	$1,900	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Windows								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Wood	5%	Now	$5,600	2049	* *	5	$1,000	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Gymnasium								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Gymnasium								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$1,400	
Masonry: Limestone	5%			LIFE	* *	5	$100	
Metal Panel	5%			2044	* *	5	$300	
Metal Rail	10%			2037	* *	5-10	$3,000	
Roof								
Built-Up (BUR)	75%	Now	$6,400	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof 1938 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : 1938 Wing								
Copper/Terne	5%			2052	* *	10	$1,200	
Single Ply Membrane	20%	2-4	$600	2029	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Above New Addition								
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,800	
Ceramic Tile	3%			2033	* *	5	$500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms In 1938 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms In 1938 Wing								
Vinyl Tile	40%			2029	* *	3	$3,300	
Vinyl Tile	30%			2019	$41,900	3	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1938 Wing								
Explanation : 9 inch X 9 inch Tiles								
Wood	22%			2039	* *	5	$6,800	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$800	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Gypsum Board	5%			LIFE	* *	5	$500	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$3,000	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2037	* *	5	$2,400	
AcousTileSusp.Lay-In	10%			2037	* *	5	$1,600	
Plaster	75%	Now	$16,100	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 3rd And 4th Floor In 1938 Wing								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$2,400	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2024	$60,800	5		
Fused Disc Sw	25%			2044	* *	5		
Raceway								
Conduit	70%			2024	$15,500	1		
Conduit	30%			2044	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Electrical		Current Repair		Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$3,000	5		
Molded Case Bkrs	60%			2023	$17,900	5	$200	
Molded Case Bkrs	30%			2040	* *	5	$100	
Wiring								
Thermoplastic	70%			2024	$17,000	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$31,700	5	$100	
Locally Mounted	30%			2037	* *	5		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$100	
Generic	50%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	62%			2019	$75,600	10	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Section								
Explanation : T-12 Lamps								
Fluorescent	30%			2029	* *	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Section								
Explanation : T-8 Lamps								
HID	3%			2019	$2,600	10		
Incandescent	5%			2019	$6,100	2		
Egress Lighting								
Emergency, Battery	15%			2029	* *	10	$400	
Emergency, Battery	35%			2019	$5,200	10	$900	
Exit, Service	15%			2029	* *	1		
Exit, Service	35%			2019	$1,000	1		
Exterior Lighting								
HID	70%			2019	$28,300	10		
HID	30%			2029	* *	10		
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$38,800	1-3	$2,300	

Mechanical		Current Repair		Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	70%			2034	* *	5	$2,400	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Basement								
Natural Gas	30%			2044	* *	1		
Conversion Equipment								
Furnace	30%			2029	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Of New Wing								
Explanation : 16 Gas Fired Rooftop Units								
Steam Boiler	70%			2022	$37,400	1	$7,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unreliable Burner Operation								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers Are At Or Approaching Their Useful Life Cycle Limit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (3) #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	70%	0-2	$5,400	2024	$53,600	4	$400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Defective Steam Traps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam & Condensate Return Piping & Equipment Are At Or Are Approaching Their Useful Life Cycle Limit								
No Component	30%							
Terminal Devices								
Air Handler	20%			2019	$11,800	1	$1,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Blowers Are At Or Are Approaching Their Useful Life Cycle Limit								
Convector/Radiator	60%			2029	* *	1	$2,100	
Unit Heater-Stm/HW	20%			2019	$14,200	4	$200	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	30%			2029	* *	2	$200	
Window/Wall Unit	5%			2022	$1,100	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 152 - Q

Asset # : 1524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	70%			2019	$8,500	2	$200	
On Extended Life, Extent : Moderate, Area Affected : 70%								
Location : The Exhaust Fans In The Old Wing Are At Or Are Approaching Their Useful Life Cycle Limit								
Roof	30%			2029	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
Water Heater								
Gas Fired	30%			2022	$800	2	$100	
No Component	70%							
HW Heat Exchanger								
Low Temp	70%			2024	$2,400	4	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Of Old Wing, The Domestic Hot Water Heat Exchanger Is At Or Is Approaching Its Useful Life Cycle Limit								
No Component	30%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	85%							
Generic	15%			2044	* *	1-5	$900	
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 152 ANNEX - BK / EARLY CHILDHOOD CENTER**		
Address	: **1087 OCEAN AVE. @ FOSTER AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K776**
Program / Asset #	: **BOE1085.000 / 14431**	**Yr Built/Renovated**	:
Area Sq Ft	: **34,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5220** **Lot** : **7**	**BIN**	: **3339044**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$67,300	$179,000
Interior Architecture	$79,700	$187,200
Electrical	$253,400	$235,400
Total	**$400,500**	**$601,700**
Importance Code A	$67,300	$179,000
Importance Code B	$253,400	$422,600
Importance Code C	$79,700	
Total	**$400,500**	**$601,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$49,100	$2,600	$1,600	$1,600
Electrical		$100	$400	$48,200
Mechanical	$2,100	$8,600	$4,600	$2,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$55,100**	**$15,300**	**$10,500**	**$56,200**
Importance Code A				
Importance Code B	$50,900	$15,300	$10,500	$56,200
Importance Code C	$4,300			
Total	**$55,100**	**$15,300**	**$10,500**	**$56,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 ANNEX - BK / EARLY CHILDHOOD CENTER

Asset # : 14431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	55%			LIFE	* *	5	$179,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Leased Space - 1st, 2nd And 3rd Floors Only								
Masonry: Brick	30%			LIFE	* *	5	$19,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Fieldstone	15%			LIFE	* *	5	$7,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$67,300	2041	* *	5	$7,000	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Hardware Missing, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$21,500	LIFE	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Rooms 008, 009								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Rooms 008, 009								
Ceramic Tile	5%			2028	* *	5	$2,100	
Quarry Tile	5%			2038	* *	5	$3,100	
Terrazzo	25%			LIFE	* *	5	$8,100	
Vinyl Tile	30%			2035	* *	3	$6,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%			2025	$136,600	3	$4,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 ANNEX - BK / EARLY CHILDHOOD CENTER

Asset # : 14431

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$4,300	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Electrical Room 012								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room 012								
Explanation : Condensation Forms In Room From Temperature Differentiation.								
Concrete Masonry Unit	20%			LIFE	* *	5	$5,400	
Glazed Ceramic Panel	60%	Now	$79,700	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Stairway Walls								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Gypsum Board	18%			LIFE	* *	5	$7,300	
Ceilings								
Exposed Concrete	2%	Now	$1,300	LIFE	* *	5	$100	
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : Electrical Room 012								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Electrical Room Ceiling Room 012								
Explanation : Condensation Is Forming On The Ceiling Due To Temperature Differentiation								
Gypsum Board	98%	0-2	$20,500	LIFE	* *	5	$50,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Main Hallway Ceilings								
Explanation : This Is Stucco Coated Gypsum								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Service Comes From The Church Building								
Switchgear / Switchboard								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Switchgear / Switchboard At The Church Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 ANNEX - BK / EARLY CHILDHOOD CENTER

Asset # : 14431

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2025	$52,600	1		
Panelboards								
Fused Disc Sw	5%			2024	$3,700	5		
Molded Case Bkrs	95%			2024	$71,000	5	$900	
Wiring								
Thermoplastic	100%			2025	$66,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$30,800	
T-8 Lamps, Extent : Moderate, Area Affected : 98%								
Location : Throughout The Building								
Incandescent	2%			2020	$7,600	2		
Egress Lighting								
Emergency, Battery	10%			2020	$4,600	10	$800	
Emergency, Battery	40%			2030	* *	10	$3,300	
Exit, Service	10%			2020	$900	1		
Exit, Service	40%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$129,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$124,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Church Building								
Explanation : Boiler Located In Adjacent Building								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Church Building								
Explanation : Boiler Located In Adjacent Building								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 152 ANNEX - BK / EARLY CHILDHOOD CENTER

Asset # : 14431

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	2%			2020	$1,400	1		
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$19,100	
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Not Accessible	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Roof Drain								
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 - 4								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 153 - BK**
Address : **1970 HOMECREST AVENUE @AVENUE T**
Borough : **BROOKLYN**
Program / Asset # : **BOE0453.000 / 1352**
Area Sq Ft : **54,000**
Date of Survey : **12-Oct-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **7291** **Lot** : **30**

Agency's Number : **K153**
Yr Built/Renovated : **1908 / 2008**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3196677**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$841,700	$125,500
Interior Architecture		$576,900
Electrical	$618,200	$360,900
Mechanical		$978,800
Total	**$1,459,900**	**$2,042,100**
Importance Code A	$841,700	$125,500
Importance Code B	$618,200	$1,916,600
Total	**$1,459,900**	**$2,042,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,900			
Interior Architecture	$7,300	$9,900		$2,100
Electrical	$35,700	$1,300	$40,300	$1,000
Mechanical	$8,300	$7,400	$43,500	$8,700
Total	**$67,200**	**$18,500**	**$83,700**	**$11,800**
Importance Code A	$21,400	$5,500	$5,600	$5,500
Importance Code B	$40,600	$13,000	$78,100	$6,300
Importance Code C	$5,200			
Total	**$67,200**	**$18,500**	**$83,700**	**$11,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$79,100	LIFE	* *	5	$38,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Main Entrance								
Masonry: Brick	90%	Now	$527,900	LIFE	* *	5	$87,500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Along Front Facade And Building Corners								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%	Now	$234,600	2040	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,000	
Masonry: Brick	90%			LIFE	* *	5	$8,200	
Roof								
Built-Up (BUR)	100%	Now	$15,900	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$4,200	
Vinyl Tile	20%			2032	* *	3	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	75%			2024	$530,200	3	$23,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tile								
Interior Walls								
Ceramic Tile	10%			2027	* *	5	$10,400	
Plaster	80%			LIFE	* *	5	$24,800	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	90%			LIFE	* *	5	$46,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$1,400	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2044	* *	1		
Panelboards								
Molded Case Bkrs	30%			2040	* *	5	$400	
Molded Case Bkrs	70%			2023	$73,200	5	$1,000	
Wiring								
Braided Cloth	20%	2-4	$34,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	50%			2024	$86,900	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$300	
Locally Mounted	20%			2022	$9,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	15%			2024	$92,500	10	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	80%			2019	$493,600	10	$40,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	5%			2019	$30,800	2	$100	
Egress Lighting								
Exit, Service	50%			2019	$7,500	1		
Exit, Battery	50%			2024	$25,600	10	$1,900	
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	85%							
Generic	15%			2024	$24,500	1	$3,000	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2019	$83,900	1-3	$5,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$387,800	4	$2,700	
Terminal Devices								
Convector/Radiator	100%			2022	$524,700	1	$17,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$22,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,500	
No Component	95%							
Exhaust Fans								
Wall Unit	5%			2024	$4,200	2	$100	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2034	* *	1		
Galv Iron/Steel	40%			2022	$66,400	1		
Water Heater								
Gas Fired	100%			2019	$12,900	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BK

Asset # : 1352

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$19,500	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 153 - BX**		
Address	**: 650 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	**: BRONX**	**Agency's Number**	**: X153**
Program / Asset #	**: BOE0290.000 / 387**	**Yr Built/Renovated**	**: 1971 / 2003**
Area Sq Ft	**: 94,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 19-Nov-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 5141** **Lot : 150**	**BIN**	**: 2097470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$824,500	$185,900
Interior Architecture	$91,000	$108,800
Electrical		$1,647,000
Mechanical	$65,900	$1,938,200
Total	**$981,300**	**$3,879,900**
Importance Code A	$824,500	$222,900
Importance Code B	$121,400	$3,657,000
Importance Code C	$35,500	
Total	**$981,300**	**$3,879,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,600	$2,700		
Interior Architecture	$133,200			$16,300
Electrical	$2,700	$700	$1,200	$1,600
Mechanical	$89,900	$37,100	$29,800	$42,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$267,300**	**$44,500**	**$35,000**	**$64,300**
Importance Code A	$42,400	$7,500	$4,800	$4,800
Importance Code B	$154,200	$37,000	$30,200	$59,500
Importance Code C	$70,700			
Total	**$267,300**	**$44,500**	**$35,000**	**$64,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$88,400	
Pre-Cast Concrete	40%			LIFE	* *	5	$208,900	
Slate Panels	5%			LIFE	* *	5	$6,000	
Windows								
Aluminum	30%			2048	* *	5	$5,400	
Aluminum	70%	0-2	$529,300	2051	* *	5	$6,300	
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Second And Third Floors								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Second And Third Floors								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$40,500	
Metal Rail	10%			2031	* *	5-10	$23,800	
Pre-Cast Concrete	45%			LIFE	* *	5	$74,500	
Roof								
Built-Up (BUR)	70%	Now	$61,400	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Mechanical Unit								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	30%			LIFE	* *	10	$47,900	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
Location : Over Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Basement								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$44,500	
Ceramic Tile	3%	2-4	$8,400	2035	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	90%	0-2	$55,600	2031	* *	3	$49,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$20,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,100	
Metal Panel	20%	0-2	$35,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	45%			LIFE	* *	5-10	$49,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$7,300	
AcousTileSusp.Lay-In	75%			2031	* *	5	$108,800	
Exposed Concrete	20%			LIFE	* *	5-10	$36,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amps Service								
Transformers								
Dry Type	100%			2024	$15,800	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2042	* *	5	$400	
Molded Case Bkrs	70%			2025	$125,600	5	$1,700	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Thermoplastic	90%			2026	$230,000	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$300	
Locally Mounted	50%			2039	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$89,000	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2021	$355,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$56,900	1	$7,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2026	$389,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Hot Water Provided From Nearby Co Op City - Housing Development								
Conversion Equipment								
Heat Exchanger	100%			2029	* *	1	$48,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$24,400	2034	* *	4	$4,800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 1 Of 2 Pumps Not Working In Basement								
Terminal Devices								
Air Handler	50%			2026	$261,600	1	$30,000	
Convector/Radiator	50%			2031	* *	1	$15,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$65,900	2026	$329,300	1	$40,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : B M S System, Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Refrigerant Type R-22								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$4,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - BX

Asset # : 387

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$15,400	2026	$767,700	1	$54,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Air System Is Not Properly Balanced								
Heat Rejection								
Remote Air Cond	100%			2026	$579,600	2	$67,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,700	
Exhaust Fans								
Roof	100%			2031	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$9,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : West Side Wall								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$48,900	
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 153 - M**
Address : **1750 AMSTERDAM AVENUE @ W. 146 STREET**
Borough : **MANHATTAN**
Agency's Number : **M153**
Program / Asset # : **BOE0093.000 / 1711**
Yr Built/Renovated : **1975 / 1995**
Area Sq Ft : **135,000**
Project Type : **EDUCATION**
Date of Survey : **27-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2078** **Lot** : **19** **BIN** : **1081834**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,029,400	$198,200
Interior Architecture	$283,700	$123,700
Electrical		$1,876,000
Mechanical	$258,300	$695,600
Total	**$1,571,400**	**$2,893,500**
Importance Code A	$1,029,400	$198,200
Importance Code B	$542,100	$2,695,300
Total	**$1,571,400**	**$2,893,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,600		$28,500	
Interior Architecture	$76,600			$20,900
Electrical	$31,800	$12,500	$26,700	$13,200
Mechanical	$87,400	$36,100	$82,700	$35,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$216,200**	**$56,600**	**$145,900**	**$77,500**
Importance Code A	$26,400	$13,800	$42,600	$13,800
Importance Code B	$160,200	$42,800	$103,200	$63,700
Importance Code C	$29,600			
Total	**$216,200**	**$56,600**	**$145,900**	**$77,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$103,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2044	* *	5-10	$79,300	
Windows								
Aluminum	100%	Now	$108,600	2040	* *	5	$13,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,600	
Masonry: Brick	80%			LIFE	* *	5	$15,100	
Metal: Cage/Fence	10%			2041	* *	5-10	$14,600	
Roof								
IRMA/Protected Membrane	70%	Now	$153,500	2019	$767,300			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Around Perimeter And Drains								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Membrane Patches								
IRMA/Protected Membrane	5%			2029	* *	10	$6,900	
Metal Panel	5%			2037	* *	10	$12,600	
Panel/Paver: Cer/Brk	20%			2044	* *	10	$36,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Ceramic Tile	5%	0-2	$10,100	2033	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$15,600	
Slate	5%			LIFE	* *	5	$11,100	
Vinyl Tile	80%	Now	$283,700	2029	* *	3	$62,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	7%			LIFE	* *	5	$5,200	
Gypsum Board	20%			LIFE	* *	5	$22,100	
Masonry: Brick	3%			LIFE	* *			
Metal Panel	10%			LIFE	* *			
Plaster	40%	0-2	$29,600	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	0-2	$29,100	2029	* *	5	$31,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	25%			LIFE	* *	5	$65,100	
Plaster	45%			LIFE	* *	5	$58,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$600	
Raceway								
Conduit	70%			2034	* *	1		
Conduit	30%			2044	* *	1		
Panelboards								
Fused Disc Sw	70%			2032	* *	5	$2,200	
Molded Case Bkrs	30%			2032	* *	5	$1,100	
Wiring								
Thermoplastic	70%			2034	* *	1		
Thermoplastic	30%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$41,500	
Generators								
Diesel	100%			2027	* *	1	$52,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 125 Kva								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$30,100	
Fuel Storage								
Main Tank	100%			2039	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	99%			2024	$1,532,200	10	$126,500	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-12 Lamps & Some Compact Fluorescent								
HID	1%			2019	$11,100	10		
Egress Lighting								
Emergency, Service	50%			2024	$34,300	1		
Exit, Service	50%			2024	$18,800	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$102,100	1	$12,600	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2029	* *	1-3	$21,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$138,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$48,600	2034	* *	4	$6,900	
Obsolete Equipment, Extent : Severe, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$150,300	1	$17,200	
Convector/Radiator	60%			2029	* *	1	$27,000	
Fan Coil Unit/Heat	20%	Now	$20,900	2024	$417,300	1	$8,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2029	* *	1	$25,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
Window/Wall Unit	10%			2022	$28,600	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2034	* *	4	$4,100	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2029	* *	1	$60,300	
Fan Coil - Cool/Heat	30%			2029	* *	1	$13,500	
Heat Rejection								
Remote Air Cond	40%	0-2	$166,500	2034	* *	2	$31,100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Interior	40%			2024	$61,600	2	$1,700	
Roof	60%			2024	$66,500	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2017	$32,400	2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - M

Asset # : 1711

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	0-2	$43,200	2054	* *	4	$13,800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2024	$13,100	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Basement : 3rd , Other Unit Basement : Mezzanine								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairway								
Explanation : Dry System								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$2,000	
Chemical System								
Dry	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Kitchen								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 153 - Q**		
Address	: **60-02 60 LANE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q153**
Program / Asset #	: **BOE0800.000 / 1525**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **137,879**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2732** **Lot** : **18**	**BIN**	: **4060987**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$253,900
Interior Architecture	$71,600	$262,500
Electrical	$297,600	$152,200
Mechanical		$321,400
Total	**$369,200**	**$990,000**
Importance Code A		$253,900
Importance Code B	$369,200	$736,100
Total	**$369,200**	**$990,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$69,600	$2,200	$20,200	
Interior Architecture	$10,100		$14,200	
Electrical	$18,000	$42,900	$15,500	$13,400
Mechanical	$29,700	$54,100	$34,100	$22,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$139,200**	**$111,000**	**$95,800**	**$48,000**
Importance Code A	$80,500	$13,400	$31,100	$10,900
Importance Code B	$51,700	$97,600	$64,600	$37,100
Importance Code C	$7,000			
Total	**$139,200**	**$111,000**	**$95,800**	**$48,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$77,400	
Masonry: Brick	27%			LIFE	* *	5	$53,500	
Masonry: Brick	32%			LIFE	* *	5	$63,400	
Masonry: Brick	30%			LIFE	* *	5	$59,500	
Granite Panels	3%			LIFE	* *	5	$4,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$19,300	
Windows								
Aluminum	99%			2039	* *	5	$40,400	
Wood	1%	Now	$11,500	2048	* *	5	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Bulkhead								
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Bulkhead								
Parapets								
Copper/Terne	5%			2058	* *	5	$4,400	
Masonry: Brick	55%			LIFE	* *	5	$10,000	
Masonry: Brick	30%			LIFE	* *	5	$5,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$11,400	
Roof								
Built-Up (BUR)	65%	Now	$25,800	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Roof Over 1931 Wing								
Copper/Terne	3%			2051	* *	10	$6,500	
Modified Bitumen	32%	Now	$32,300	2028	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over 2002 Wing								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over 2002 Wing								
Interior								
Floors								
Ceramic Tile	3%			2026	$120,000	5	$6,200	
Ceramic Tile	3%			2032	* *	5	$6,200	
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	55%			2028	* *	3	$42,600	
Wood	37%			2038	* *	5	$143,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	7%			2036	* *	5	$12,200	
Concrete Masonry Unit	25%			LIFE	* *	5	$17,400	
Gypsum Board	10%			LIFE	* *	5	$10,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	33%			LIFE	* *	5	$17,300	
Plaster	5%	Now	$7,000	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1931 Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1931 Bulkhead								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%			2036	* *	5	$61,900	
Exposed Concrete	10%			LIFE	* *	5	$3,200	
Gypsum Board	5%			LIFE	* *	5	$12,900	
Plaster	55%			LIFE	* *	5	$70,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Elevator								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Bolted Pressure Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$600	
Raceway								
Conduit	25%			2023	$61,900	1		
Conduit	75%			2043	* *	1		
Panelboards								
Molded Case Bkrs	30%			2022	$67,300	5	$1,100	
Molded Case Bkrs	70%			2039	* *	5	$2,500	
Wiring								
Braided Cloth	50%	2-4	$173,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$500	
Locally Mounted	20%			2021	$23,000	5	$200	
Motor Control Center	30%			2036	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$42,400	
Generators								
Diesel	100%			2032	* *	1	$53,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Generator Rated @ 375 Kva								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$5,100	
Fuel Storage								
Main Tank	100%			2038	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 285 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$123,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	1%			2018	$11,000	10		
Incandescent	1%			2018	$15,300	2		
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, LED	10%			2051	* *	1		
Exit, Service	40%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$25,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horn And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2043	* *	1		
Interruptible Gas/Dual Fuel	60%			2043	* *	1		
Conversion Equipment								
Furnace	40%			2028	* *	1	$27,300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 13 Roof Top Package Units								
Steam Boiler	60%			2036	* *	1	$81,900	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	60%			2033	* *	4	$6,100	
No Component	40%							
Terminal Devices								
Air Handler	15%			2023	$111,500	1	$12,800	
Convector/Radiator	40%			2028	* *	1	$17,800	
Fan Coil Unit/Heat	5%			2023	$103,200	1	$2,200	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2028	* *	1	$6,400	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 1 Unit Outside Of Auditorium								
Ext Pkg Unit - Heating/Cooling	40%			2028	* *	2	$3,400	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 13 Rtus								
Window/Wall Unit	5%			2018	$14,200	1		
No Component	45%							
Terminal Devices								
Direct Expansion	10%			2028	* *	1		
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2028	* *	2	$9,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,900	
Exhaust Fans								
Interior	70%			2023	$106,700	2	$3,000	
Roof	30%			2028	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galv Iron/Steel	70%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$32,100	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 153 - Q

Asset # : 1525

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) G-4 (1) G-3 (1) G-1								
Explanation : Three Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$69,500	
Sprinkler								
No Component	70%							
Generic	30%			2043	* *	1-2	$11,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 154 - BK**		
Address	: **11 AVENUE & WINDSOR PLACE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K154**
Program / Asset #	: **BOE0454.000 / 1353**	**Yr Built/Renovated**	: **1908 / 2006**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5257** **Lot** : **1**	**BIN**	: **3121871**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$219,700	$61,100
Interior Architecture	$261,500	$38,100
Electrical	$719,900	$320,700
Mechanical	$74,400	$36,000
Total	**$1,275,500**	**$455,900**
Importance Code A	$219,700	$61,100
Importance Code B	$1,055,800	$394,800
Total	**$1,275,500**	**$455,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,000			
Interior Architecture	$9,500	$2,100	$1,000	$10,800
Electrical	$2,100	$200	$400	$63,400
Mechanical	$13,600	$5,800	$9,800	$5,800
Total	**$37,300**	**$8,200**	**$11,300**	**$80,000**
Importance Code A	$16,500	$4,500	$4,500	$4,600
Importance Code B	$14,200	$1,600	$6,800	$75,400
Importance Code C	$6,600	$2,100		
Total	**$37,300**	**$8,200**	**$11,300**	**$80,000**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$28,100	
Masonry: Brick	85%	Now	$184,300	LIFE	* *	5	$61,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : North And East Facades								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Masonry: Limestone	10%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%			2047	* *	5	$21,400	
Parapets								
Masonry: Brick	88%			LIFE	* *	5	$8,100	
Metal Rail	2%			2042	* *	5-10	$3,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$35,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$14,800	
Ceramic Tile	3%			2034	* *	5	$2,000	
Vinyl Tile	35%			2020	$201,600	3	$11,900	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Corridors,Stairs								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Stairs								
Explanation : 9x9 Tiles								
Vinyl Tile	52%	Now	$59,900	2030	* *	3	$13,200	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$4,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,700	
Gypsum Board	15%			LIFE	* *	5	$7,600	
Masonry: Brick	10%	Now	$6,600	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	65%			LIFE	* *	5	$16,400	
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$6,800	
Plaster	90%			LIFE	* *	5	$38,100	
Recent Repair Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Rooms On Second And Third Floors								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$122,200	5	$200	
Raceway								
Conduit	95%			2025	$66,000	1		
Conduit	5%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$10,500	5	$100	
Fused Knife Sw	2%	2-4	$2,100	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	68%			2024	$71,200	5	$800	
Molded Case Bkrs	20%			2033	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$63,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	20%			2025	$18,300	1		
Motor Controllers								
Locally Mounted	20%			2030	* *	5	$100	
Locally Mounted	80%			2023	$36,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	90%			2020	$452,500	10	$37,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2025	$25,100	10	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler								
Explanation : T-8 Lamps								
HID	3%			2020	$10,800	10		
Incandescent	2%			2020	$10,100	2		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$30,500	10	$5,500	
Exit, Service	50%			2020	$6,100	1		
Exterior Lighting								
HID	100%			2020	$166,200	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$44,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$6,300	2035	* *	4	$2,200	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Basement								
Terminal Devices								
Convector/Radiator	90%			2030	* *	1	$13,200	
Unit Heater-Stm/HW	10%			2025	$29,200	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$74,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,200	
Exhaust Fans								
Roof	100%			2025	$36,000	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$27,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BK

Asset # : 1353

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$10,500	2	$700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Boiler Room* *Explanation : 225 Gallons*								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 154 - BX**
Address : **333 EAST 135 STREET @ALEXANDER AVE.**
Borough : **BRONX** | **Agency's Number** : **X154**
Program / Asset # : **BOE0291.000 / 148** | **Yr Built/Renovated** : **1962 / 2009**
Area Sq Ft : **88,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-Jun-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2298** **Lot** : **1** | **BIN** : **2097030**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$48,900	$875,100
Interior Architecture	$1,085,100	
Electrical	$1,671,300	$917,600
Mechanical		$271,300
Total	**$2,805,300**	**$2,064,000**
Importance Code A	$48,900	$912,100
Importance Code B	$2,756,400	$1,151,900
Total	**$2,805,300**	**$2,064,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$11,200	
Interior Architecture		$6,400	$32,300	
Electrical	$1,200	$3,500	$13,900	$3,100
Mechanical	$26,900	$12,500	$43,500	$19,200
Total	**$28,100**	**$22,400**	**$100,800**	**$22,300**
Importance Code A	$9,000	$9,000	$20,400	$9,000
Importance Code B	$19,100	$10,400	$80,400	$13,300
Importance Code C		$3,000		
Total	**$28,100**	**$22,400**	**$100,800**	**$22,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$71,500	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	95%			2046	* *	5	$16,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$500	
Parapets								
Metal: Cage/Fence	100%	Now	$48,900	2029	* *	5	$39,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	5%			2039	* *	10	$11,200	
IRMA/Protected Membrane	95%			2024	$678,800	10	$85,100	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$6,800	
Vinyl Tile	90%			2019	$1,040,300	3	$45,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%	Now	$44,800	2039	* *	5	$6,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Light, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$6,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2029	* *	5	$34,000	
Exposed Concrete	65%			LIFE	* *	5	$13,800	
Metal Panel	5%			LIFE	* *	5	$8,500	
Plaster	10%			LIFE	* *	5	$8,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	90%			2023	$161,400	5	$2,100	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	0-2	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%			2029	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2019	$958,400	10	$79,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2019	$50,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,000	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$332,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$79,900	1	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Entrance And Exit Doors, Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$273,400	2034	* *	1-3	$14,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2044	* *	5	$28,100	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$90,000	
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,500	
Terminal Devices								
Air Handler	20%			2029	* *	1	$11,200	
Convector/Radiator	80%			2037	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2019	$9,300	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	20%			2029	* *	2	$600	
Roof	80%			2029	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$271,300	1		
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - BX

Asset # : 148

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
Not Accessible	100%							
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 154 - M**				
Address	: **250 WEST 127 STREET**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M154**	
Program / Asset #	: **BOE0094.000 / 1646**		**Yr Built/Renovated**	: **1964 / 2010**	
Area Sq Ft	: **90,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **29-Nov-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1932**	**Lot** : **10**	**BIN**	: **1058671**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$108,300	$250,000
Interior Architecture	$635,300	
Electrical	$230,000	$2,255,700
Mechanical	$650,700	$380,600
Total	**$1,624,300**	**$2,886,400**
Importance Code A	$560,500	$287,100
Importance Code B	$1,004,300	$2,599,300
Importance Code C	$59,500	
Total	**$1,624,300**	**$2,886,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,100		$33,900	
Interior Architecture	$75,300			$12,200
Electrical	$2,000	$3,100	$30,200	$1,700
Mechanical	$25,500	$14,600	$64,200	$14,600
Total	**$149,800**	**$17,700**	**$128,200**	**$28,500**
Importance Code A	$47,100	$9,200	$43,300	$9,200
Importance Code B	$50,200	$8,500	$84,900	$19,300
Importance Code C	$52,500			
Total	**$149,800**	**$17,700**	**$128,200**	**$28,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	$43,400	LIFE	* *	5	$76,900	
Diagonal Cracks, Extent : Moderate, Area Affected : 8%								
Location : Above Door To Auditorium Roof								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Above Door To Auditorium Roof								
Masonry: Brick	30%			LIFE	* *	5	$23,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	45%			2054	* *	5-10	$238,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Stucco Cement	3%	Now	$13,400	2029	* *	5	$2,900	
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout Bulkhead								
Window Wall	2%			2054	* *	5	$5,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$17,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	35%	Now	$12,700	LIFE	* *	5	$4,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Brick Covered With Roll Roofing								
Metal: Cage/Fence	55%			2044	* *	5-10	$53,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$7,900	
Roof								
Built-Up (BUR)	100%	Now	$21,000	2032	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Penthouse 309								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Chimney								
Explanation : Missing Storm Covers Allowing Water To Enter								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,400	
Ceramic Tile	5%	0-2	$6,700	2027	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	10%			LIFE	* *	5	$10,900	
Vinyl Tile	30%	0-2	$35,500	2029	* *	3	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	Now	$472,900	2034	* *	3	$20,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Stairways And Classrooms								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%	0-2	$11,500	2052	* *	5	$6,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$17,000	2033	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$7,400	
Masonry: Brick	5%			LIFE	* *			
Mosaic Tile	5%	0-2	$15,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	0-2	$19,700	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$59,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	Now	$50,600	2029	* *	5	$13,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
AcousTileConcealSpLn	15%	0-2	$16,900	2037	* *	5	$13,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Preforated Metal Concealed Spine								
Exposed Concrete	55%			LIFE	* *	5	$11,900	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	5%	0-2	$4,600	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Main Disconnect Service Switch Rated At 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	85%			2023	$152,500	5	$2,000	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$1,000,900	10	$82,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	1%			2019	$7,400	10		
Incandescent	2%			2019	$20,600	2		
Egress Lighting								
Emergency, Service	50%			2024	$22,800	1		
Exit, Service	50%			2024	$12,500	1		
Exterior Lighting								
HID	100%			2024	$339,900	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$54,500	1	$6,700	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2024	$186,400	1-3	$11,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$228,800	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	0-2	$452,200	2044	* *	1	$82,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2 Boilers In Basement								
Distribution								
Steam Piping/Pump	100%	Now	$64,900	2034	* *	4	$4,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Condensate Return Line								
Obsolete Equipment, Extent : Moderate, Area Affected : 15%								
Location : Condensate Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$5,000	2024	$100,200	1	$10,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium Fan								
Convector/Radiator	80%			2029	* *	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$133,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	30%			2024	$30,800	2	$900	
Roof	70%			2024	$51,700	2	$2,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$5,500	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Pipe Connects To Water Main Valve								
Water Heater								
Gas Fired	100%			2019	$21,600	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious Type With 1,000 Gal Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sump Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - M

Asset # : 1646

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul 102 - Wet System*								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 154 - Q**		
Address	**: 75-02 162 STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q154**
Program / Asset #	**: BOE0801.000 / 1526**	**Yr Built/Renovated**	**: 1930 / 2012**
Area Sq Ft	**: 76,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 15-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 6834** **Lot : 1**	**BIN**	**: 4148003**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$218,900	$328,300
Interior Architecture	$525,900	$43,500
Electrical	$581,000	$377,800
Mechanical	$191,300	
Total	**$1,517,000**	**$749,600**
Importance Code A	$218,900	$365,300
Importance Code B	$1,298,100	$384,300
Total	**$1,517,000**	**$749,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,600		$4,100	
Interior Architecture	$10,100		$40,500	
Electrical	$15,500	$2,400	$21,200	$2,000
Mechanical	$39,400	$12,100	$18,700	$13,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$75,500**	**$18,400**	**$88,500**	**$19,700**
Importance Code A	$25,600	$7,700	$12,000	$7,700
Importance Code B	$48,100	$10,700	$76,500	$12,000
Importance Code C	$1,800			
Total	**$75,500**	**$18,400**	**$88,500**	**$19,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$63,900	
Masonry: Limestone	10%			LIFE	* *	5	$5,300	
Windows								
Aluminum	50%			2032	* *	5	$13,200	
Aluminum	50%	Now	$166,000	2040	* *	5	$6,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Older Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Older Wing								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,200	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout Older Wing, 2012								
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout 1955 Wing, 2012								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
Built-Up (BUR)	70%	Now	$52,900	2024	$264,400			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Pre-k, Room 113 And 117								
Copper/Terne	3%			2052	* *	10	$6,200	
Copper/Terne	2%			2039	* *	10	$4,100	
IRMA/Protected Membrane	25%			2034	* *	10	$20,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Auditorium And 1955 Wing, 2012								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,500	
Ceramic Tile	5%			2037	* *	5	$5,800	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Throughout Bathrooms, 2012								
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	53%			2019	$525,900	3	$23,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1955 Wing								
Explanation : 9x9 Units								
Wood	30%			2039	* *	5	$65,600	
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Perimeter Foundation Walls								
Ceramic Tile	3%			2027	* *	5	$3,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$7,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$10,600	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	4+	$5,400	2037	* *	5	$5,800	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Main Lobby								
Exposed Concrete	30%			LIFE	* *	5	$5,400	
Plaster	60%			LIFE	* *	5	$43,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 1600 Amps Main Dsiconnect								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	5%	0-2	$6,700	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	5%	2-4	$6,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2023	$107,600	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$147,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	80%			2029	* *	10	$57,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-8 Lamps								
Fluorescent	5%			2029	* *	10	$3,600	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium & Gym								
Fluorescent	10%			2024	$86,600	10	$7,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Incandescent	5%			2019	$43,300	2	$100	
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,900	
Emergency, Battery	40%			2019	$42,100	10	$7,500	
Exit, Service	5%			2029	* *	1		
Exit, Service	45%			2019	$9,500	1		
Exterior Lighting								
HID	100%			2019	$287,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$16,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$19,000	2037	* *	1	$69,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Boiler #1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$10,900	2034	* *	4	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump Hose								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$84,100	1	$9,600	
Convector/Radiator	80%			2029	* *	1	$20,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$64,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	50%			2019	$43,100	2	$1,200	
Roof	50%			2024	$31,000	2	$1,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,100	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Backs Up In The Basement During A Hard Rain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 154 - Q

Asset # : 1526

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 155 - BK**		
Address	: **1355 HERKIMER STREET @EASTERN PKWY.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K155**
Program / Asset #	: **BOE0455.000 / 1354**	**Yr Built/Renovated**	: **1908 / 2003**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1552** **Lot** : **43**	**BIN**	: **3042263**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$147,700	$145,700
Interior Architecture	$726,500	$928,900
Electrical	$1,245,400	$681,400
Mechanical	$107,800	$716,300
Total	**$2,227,500**	**$2,472,300**
Importance Code A	$147,700	$182,700
Importance Code B	$1,887,100	$2,289,600
Importance Code C	$192,600	
Total	**$2,227,500**	**$2,472,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,000			
Interior Architecture	$35,100			$12,700
Electrical	$26,300	$2,300	$38,500	$1,500
Mechanical	$118,600	$11,000	$42,500	$11,400
Total	**$200,100**	**$13,300**	**$81,000**	**$25,600**
Importance Code A	$26,900	$6,900	$7,100	$6,900
Importance Code B	$162,400	$6,300	$73,900	$18,600
Importance Code C	$10,800			
Total	**$200,100**	**$13,300**	**$81,000**	**$25,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$47,800	
Masonry: Brick	80%			LIFE	* *	5	$97,900	
Masonry: Limestone	15%			LIFE	* *	5	$13,800	
Windows								
Aluminum	100%	Now	$147,700	2032	* *	5	$17,600	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$2,700	
Masonry: Brick	95%			LIFE	* *	5	$10,800	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,400	
Roof								
Built-Up (BUR)	100%	Now	$20,000	2029	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%	Now	$24,300	2027	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Vinyl Tile	97%	Now	$259,000	2024	$863,500	3	$38,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : 1st, 2nd And 3rd Floors, Classrooms And Corridors Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Tiles								
Interior Walls								
Ceramic Tile	3%	0-2	$10,800	2027	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$101,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Plaster	87%	Now	$91,000	LIFE	* *	5	$34,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Plaster	100%	Now	$274,800	LIFE	* *	5	$65,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2024	$123,800	1		
Panelboards								
Fused Toggle Switch	10%	2-4	$13,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	90%			2023	$121,100	5	$1,600	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$52,200	1		
Motor Controllers								
Locally Mounted	60%			2022	$45,300	5	$300	
Locally Mounted	40%			2029	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	68%			2019	$528,300	10	$43,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	20%			2024	$155,400	10	$12,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	2%			2019	$11,200	10		
Incandescent	10%			2019	$77,700	2	$200	
Egress Lighting								
Emergency, Service	45%			2019	$15,500	1		
Emergency, Service	5%	Now	$1,700	2034	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Exit, Service	50%			2019	$9,400	1		
Exterior Lighting								
HID	100%			2019	$256,800	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$41,100	1	$5,100	
Fire/Smoke Detection								
No Component	75%							
Generic	25%			2019	$176,100	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$69,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$24,400	2044	* *	4	$3,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Steam Piping In Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Line								
Obsolete Equipment, Extent : Moderate, Area Affected : 5%								
Location : Vacuum / Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%			2022	$660,700	1	$22,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%	Now	$21,600	2019	$107,800	1		
Broken, Extent : Severe, Area Affected : 20%								
Location : Throughout Building								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,000	
Exhaust Fans								
Roof	100%	Now	$2,800	2024	$55,600	2	$1,700	
Broken, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$20,900	2029	* *	1		
Booster Pump w/Tank, Extent : Severe, Area Affected : 5%								
Location : Faulty Pumps In Basement								
Water Heater								
Gas Fired	100%			2019	$16,300	2	$1,000	
Sanitary Piping								
Cast Iron	100%	0-2	$15,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$19,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : At Side Yard, Basement When It Rains Hard								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 155 - BK

Asset # : 1354

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	50%			2024	$5,500	4	$800	
Submersible	50%	2-4	$3,300	2019	$3,300	4	$800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2032	* *	1	$4,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2044	* *	1-2	$4,900	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 155 - M**		
Address	: **319 EAST 117 STREET @ 2ND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M155**
Program / Asset #	: **BOE0095.000 / 1647**	**Yr Built/Renovated**	: **1961 / 2011**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1689** **Lot** : **5**	**BIN**	: **1052986**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$68,800	$78,500
Interior Architecture	$914,200	$286,100
Electrical	$230,000	$2,107,800
Mechanical	$43,700	$1,098,500
Total	**$1,256,600**	**$3,570,900**
Importance Code A	$112,500	$552,700
Importance Code B	$1,144,200	$2,854,200
Importance Code C		$164,100
Total	**$1,256,600**	**$3,570,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$8,900	
Interior Architecture		$33,200		
Electrical	$22,400	$25,900	$3,000	$2,400
Mechanical	$35,400	$38,200	$25,200	$12,400
Total	**$57,800**	**$97,200**	**$37,100**	**$14,800**
Importance Code A		$9,100	$17,800	$8,900
Importance Code B	$57,800	$88,100	$19,300	$5,900
Importance Code C				
Total	**$57,800**	**$97,200**	**$37,100**	**$14,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$78,500	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,100	
Windows								
Aluminum	100%			2039	* *	5	$17,800	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$9,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping								
Roof								
Copper/Terne	3%			2051	* *	10	$5,300	
IRMA/Protected Membrane	97%			2028	* *	10	$68,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Pit								
Ceramic Tile	3%			2026	$78,100	5	$4,000	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	80%			2018	$914,200	3	$40,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$12,600	
Interior Walls								
Ceramic Tile	5%			2026	$164,100	5	$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Plaster	65%			LIFE	* *	5	$23,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2028	* *	5	$26,900	
Exposed Concrete	60%			LIFE	* *	5	$12,600	
Fiber Board	5%			2023	$43,900			
Metal Panel	5%			LIFE	* *	5	$8,400	
Plaster	10%			LIFE	* *	5	$8,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$171,100	5	$2,300	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	90%			2022	$161,400	5	$2,100	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	75%			2021	$56,700	5	$400	
Locally Mounted	25%	2-4	$18,900	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$977,500	10	$80,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$7,200	10		
Incandescent	1%			2018	$10,000	2		
Egress Lighting								
Emergency, Battery	50%			2023	$60,600	10	$10,800	
Exit, Service	50%			2018	$12,100	1		
Exterior Lighting								
HID	100%			2023	$328,600	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$79,000	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$16,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$221,200	5	$27,800	
Conversion Equipment								
Steam Boiler	100%	Now	$43,700	2021	$437,100	1	$80,000	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Fuel Feeding System								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Old Units. Underground Stream Affecting Boiler Foundation								
Distribution								
Steam Piping/Pump	100%	Now	$31,300	2033	* *	4	$4,400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Various Areas								
Terminal Devices								
Air Handler	20%			2023	$96,800	1	$11,100	
Convector/Radiator	80%			2028	* *	1	$23,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$92,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	30%			2023	$29,800	2	$800	
Roof	70%			2023	$50,000	2	$1,900	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - M

Asset # : 1647

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2033	* *	1		
Galv Iron/Steel	75%			2021	$201,100	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Cold Water Piping - Rooms #404, 304, 204, 104								
HW Heat Exchanger								
Low Temp	100%			2023	$27,900	4	$8,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$31,500	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 155 - Q**		
Address	: **130-02 115 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q155**
Program / Asset #	: **BOE0802.000 / 2852**	**Yr Built/Renovated**	: **1931 / 2001**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **11673** **Lot** : **1**	**BIN**	: **4252357**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$55,300	$235,200
Interior Architecture	$384,400	$49,800
Electrical	$668,200	$382,700
Mechanical	$323,000	$429,600
Total	**$1,430,900**	**$1,097,400**
Importance Code A	$55,300	$272,200
Importance Code B	$1,334,300	$825,100
Importance Code C	$41,300	
Total	**$1,430,900**	**$1,097,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$5,600
Interior Architecture		$5,100	$1,000	$33,200
Electrical	$2,100	$800	$1,000	$43,000
Mechanical	$34,700	$31,200	$15,200	$20,700
Total	**$36,800**	**$37,100**	**$17,200**	**$102,500**
Importance Code A	$6,800	$6,800	$6,800	$12,600
Importance Code B	$30,000	$30,300	$9,300	$89,900
Importance Code C			$1,000	
Total	**$36,800**	**$37,100**	**$17,200**	**$102,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,500	
Masonry: Brick	90%			LIFE	* *	5	$63,300	
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2041	* *	5	$24,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,100	
Copper/Terne	5%			2045	* *	5	$2,600	
Masonry: Brick	80%			LIFE	* *	5	$8,500	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$55,300	
Copper/Terne	3%			2040	* *	10	$4,400	
Skylight, Metal/Glass	2%			2025	$171,900	10	$3,900	
Interior								
Floors								
Ceramic Tile	3%	Now	$59,800	2040	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Second And Third Floor Toilets								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Second And Third Floor Toilets								
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	20%			2030	* *	3	$7,700	
Vinyl Tile	20%			2033	* *	3	$7,700	
Vinyl Tile 9" X 9"	25%	Now	$283,300	2035	* *	3	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	30%			2040	* *	5	$57,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	2%			2034	* *	5	$2,100	
Glass: Single Pane	3%			LIFE	* *	5	$2,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$41,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Plaster	75%			LIFE	* *	5	$23,300	
Ceilings								
AcousTileSusp.Lay-In	2%			2030	* *	5	$2,000	
Exposed Concrete	20%			LIFE	* *	5	$3,200	
Plaster	78%			LIFE	* *	5	$49,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2025	$102,600	5	$200	
Molded Case Bkrs	30%			2045	* *	5	$500	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Toggle Switch	1%	2-4	$1,300	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 1%								
Location : Electrical Room								
Molded Case Bkrs	15%			2024	$20,200	5	$300	
Molded Case Bkrs	74%			2041	* *	5	$1,300	
Wiring								
Braided Cloth	60%	2-4	$104,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2025	$52,200	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	10%			2038	* *	5		
Locally Mounted	90%	2-4	$68,000	2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2033	* *	10	$59,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	2%			2020	$11,000	10		
Incandescent	4%			2020	$30,500	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$253,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front And Back Door								
Explanation : Two Cameras (Standard)								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$242,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$21,300	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$24,000	2035	* *	4	$3,400	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Supply Line In Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Areas								
Terminal Devices								
Air Handler	25%			2020	$92,600	1	$10,600	
Convector/Radiator	60%			2023	$389,500	1	$13,300	
Fan Coil Unit/Heat	15%			2020	$154,400	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$21,200	1		
No Component	85%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 155 - Q

Asset # : 2852

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	100%			2020	$76,000	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$16,000	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$40,100	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 156 - Q**		
Address	: **229-02 137 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q156**
Program / Asset #	: **BOE0803.000 / 191**	**Yr Built/Renovated**	: **1931 / 2012**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13170** **Lot** : **12**	**BIN**	: **4283015**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$278,400	$67,200
Interior Architecture		$960,300
Electrical	$531,900	$1,354,400
Mechanical	$460,100	$436,600
Total	**$1,270,400**	**$2,818,500**
Importance Code A	$278,400	$104,200
Importance Code B	$992,000	$2,714,300
Total	**$1,270,400**	**$2,818,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,300			
Interior Architecture	$7,100	$3,900	$7,700	$36,800
Electrical	$34,500	$1,200	$1,600	$24,500
Mechanical	$41,400	$12,800	$18,200	$37,300
Total	**$119,300**	**$17,900**	**$27,500**	**$98,600**
Importance Code A	$44,400	$8,100	$8,100	$8,300
Importance Code B	$74,900	$6,600	$19,400	$90,300
Importance Code C		$3,100		
Total	**$119,300**	**$17,900**	**$27,500**	**$98,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$202,800	LIFE	* *	5	$67,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Masonry: Limestone	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%			2047	* *	5	$27,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	20%			2042	* *	5-10	$57,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,000	
Roof								
Built-Up (BUR)	95%	Now	$75,600	2030	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium And Bulkheads								
Copper/Terne	5%			2053	* *	10	$10,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%	Now	$7,100	2034	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets Throughout								
Terrazzo	2%			LIFE	* *	5	$1,900	
Traffic Topping	25%			2025	$380,900	5	$38,400	
Vinyl Tile	50%			2025	$522,200	3	$23,000	
Vinyl Tile	5%			2033	* *	3	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Wood	10%			2040	* *	5	$23,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2028	* *	5	$6,200	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$22,300	
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$12,200	
Exposed Concrete	15%			LIFE	* *	5	$2,900	
Plaster	75%			LIFE	* *	5	$57,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	25%	2-4	$33,600	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	65%			2024	$87,400	5	$1,400	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Main Water Pipe Point Of Contact Not Visible; Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2025	$774,800	10	$64,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	5%			2020	$45,600	2	$100	
Egress Lighting								
Emergency, Battery	25%			2020	$27,700	10	$5,000	
Emergency, Battery	25%			2030	* *	10	$5,000	
Exit, Service	25%			2020	$5,500	1		
Exit, Service	25%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$302,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$72,600	1	$9,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Manual Pull Station, Smoke Detector And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$81,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156 - Q

Asset # : 191

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$28,700	2035	* *	4	$4,000	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Bottom Of Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	30%			2020	$132,700	1	$15,200	
Convector/Radiator	50%			2023	$387,600	1	$13,300	
Fan Coil Unit/Heat	20%			2020	$245,800	1	$5,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$25,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,800	
Exhaust Fans								
Interior	90%			2020	$81,600	2	$2,300	
Roof	10%			2025	$6,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$49,000	1		
Water Heater								
Gas Fired	100%			2025	$19,100	2	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$28,700	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 156/I. S. 392 - BK**				
Address	: **104 SUTTER AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K356**
Program / Asset #	: **BOE1023.000 / 13465**			**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **148,693**			**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3535**	**Lot** : **16**		**BIN**	: **3081276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$189,400	$349,000
Interior Architecture	$228,900	$83,500
Electrical		$135,000
Mechanical	$36,800	$119,600
Total	**$455,200**	**$687,100**
Importance Code A	$189,400	$349,000
Importance Code B	$169,000	$338,100
Importance Code C	$96,800	
Total	**$455,200**	**$687,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$120,400	$57,200		
Interior Architecture	$123,200	$17,500	$22,900	
Electrical	$30,800	$13,900	$11,400	$11,400
Mechanical	$122,600	$67,200	$102,700	$59,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$404,900**	**$163,800**	**$144,900**	**$79,000**
Importance Code A	$135,400	$72,000	$14,700	$14,700
Importance Code B	$215,500	$91,800	$128,800	$64,300
Importance Code C	$54,000		$1,400	
Total	**$404,900**	**$163,800**	**$144,900**	**$79,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$42,200	
Glazed Ceramic Panel	5%			LIFE	* *	5	$66,000	
Masonry: Brick Cavity	70%			LIFE	* *	5	$197,100	
Metal Panel	12%			2052	* *	5-10	$116,200	
Pre-Cast Concrete	2%			LIFE	* *	5	$18,300	
Window Wall	8%			2052	* *	5	$42,200	
Windows								
Aluminum	100%			2048	* *	5	$51,300	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$106,400	
Metal Panel	10%			2052	* *	5	$8,600	
Metal Rail	20%			2043	* *	5-10	$80,300	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$117,200	
Interior								
Floors								
Carpet	5%			2027	* *	3	$16,700	
Cast in Place Concrete	5%			LIFE	* *	5	$48,700	
Quarry Tile	3%			2043	* *	5	$10,000	
Terrazzo	5%			LIFE	* *	5	$17,400	
Vinyl Tile	77%			2034	* *	3	$64,300	
Wood	5%			2061	* *	5	$20,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$17,900	
Ceramic Tile	2%			2039	* *	5	$2,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,500	
Glass Block	3%			LIFE	* *	10	$1,700	
Glazed Ceramic Panel	75%			LIFE	* *	10	$96,800	
Wood	5%			LIFE	* *	5	$57,300	
Ceilings								
AcousTileConcealSpLn	5%			2043	* *	5	$13,900	
AcousTileSusp.Lay-In	75%			2043	* *	5	$166,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$22,300	
Gypsum Board	10%			LIFE	* *	5-10	$76,500	
Metal Panel	5%			LIFE	* *	5	$27,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4000 Amps Service								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Water Main							
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$45,800	
Generators								
Diesel	100%			2039	* *	1	$57,600	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : 600 Kw							
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$33,100	
Fuel Storage								
Main Tank	100%			2061	* *	5	$4,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : 275 Gals							
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$135,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : T-8 Lamps							
HID	1%			2031	* *	10		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Gym							
	Explanation : Mercury							
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$500	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$4,400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$11,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$147,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$20,800	2046	* *	4	$7,300	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement Room #c11								
Terminal Devices								
Air Handler	50%			2031	* *	1	$46,000	
Convector/Radiator	50%			2039	* *	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	85%			2035	* *	1	$136,800	
R-134a Refrigerant, Extent : Light, Area Affected : 85%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 85%								
Location : Penthouse Mech Room								
Explanation : 2 Units								
Split Unit	15%			2031	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roofs								
Explanation : 7 Units								
Distribution								
Chilled Wtr Pipe/Pump	85%			2046	* *	4	$9,300	
No Component	15%							

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	85%			2031	* *	1	$78,200	
Fan Coil - Cooling	15%			2031	* *	1	$7,200	
Heat Rejection								
Remote Air Cond	15%			2031	* *	2	$15,500	
Water Cool Tower	85%			2027	* *	2	$127,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$131,300	
Exhaust Fans								
Interior	30%			2031	* *	2	$1,400	
Roof	70%	Now	$4,100	2026	$82,700	2	$2,500	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2025	$34,600	2	$2,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$9,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$75,000	
Sprinkler								
Generic	100%			2046	* *	1-2	$41,700	
Fire Pump								
Generic	100%			2035	* *	1	$27,800	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 156/I. S. 392 - BK

Asset # : 13465

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 157 - BK**				
Address	: **850 KENT AVENUE BTWN PARK AVE. - MYRTLE AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K157**	
Program / Asset #	: **BOE0457.000 / 1355**		**Yr Built/Renovated**	: **1909 / 2013**	
Area Sq Ft	: **102,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Dec-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1897**	**Lot** : **13**	**BIN**	: **3054671**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$912,700	$374,600
Interior Architecture	$1,219,700	$132,300
Electrical	$385,200	$1,444,400
Mechanical	$167,100	$1,716,000
Total	**$2,684,700**	**$3,667,400**
Importance Code A	$912,700	$374,600
Importance Code B	$1,656,800	$3,248,800
Importance Code C	$115,200	$44,000
Total	**$2,684,700**	**$3,667,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,600	$23,500		$22,800
Interior Architecture	$70,800			$26,500
Electrical	$3,000	$1,300	$1,300	$53,200
Mechanical	$27,800	$14,800	$28,600	$14,800
Total	**$108,100**	**$39,600**	**$29,800**	**$117,400**
Importance Code A	$17,000	$33,900	$10,400	$33,200
Importance Code B	$41,600	$5,700	$19,400	$84,200
Importance Code C	$49,500			
Total	**$108,100**	**$39,600**	**$29,800**	**$117,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$228,400	
Copper/Terne	5%			2060	* *	10	$22,800	
Masonry: Brick	75%			LIFE	* *	5	$146,200	
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Windows								
Aluminum	95%	2-4	$877,200	2033	* *	5	$26,200	2
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,700	
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$27,600	
Masonry: Brick	60%			LIFE	* *	5	$8,600	
Metal Rail	15%			2038	* *	5-10	$38,700	
Roof								
Built-Up (BUR)	65%			2030	* *	10	$35,500	
Cast in Place Concrete	35%	2-4	$6,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,400	
Ceramic Tile	2%	Now	$3,000	2034	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	3%			2030	* *	5	$11,800	
Terrazzo	5%	2-4	$18,300	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	25%	2-4	$16,700	2030	* *	3	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	55%	Now	$146,900	2020	$734,400	3	$32,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$27,000	2028	* *	5	$4,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glass: Single Pane	5%	0-2	$14,700	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$76,200	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Marble Panels	5%	0-2	$39,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	5%	Now	$7,800	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Storage Space Near Auditorium, Auditorium Stair								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stair, Stair 6								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stair 6								
Plaster	70%			LIFE	* *	5	$41,100	
Ceilings								
AcousTileConcealSpLn	5%			2030	* *	5	$9,800	
Exposed Struc: Steel	5%	Now	$165,400	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Plaster	20%	Now	$41,200	LIFE	* *	5	$19,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Storage Space Near Auditorium, Stair 6								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 6								
Plaster	70%			LIFE	* *	5	$68,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	80%			2025	$166,900	1		
Conduit	20%			2051	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	10%			2047	* *	5	$300	
Molded Case Bkrs	80%			2047	* *	5	$2,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wiring								
Thermoplastic	90%			2051	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2042	* *	5	$100	
Locally Mounted	40%			2023	$46,000	5	$300	
Motor Control Center	40%			2042	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	92%			2025	$1,072,200	10	$88,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2033	* *	10	$2,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Limited Areas Using T-8 Lamps								
HID	2%			2020	$16,700	10	$100	
Incandescent	3%			2020	$35,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$70,800	10	$12,700	
Exit, Service	50%			2025	$14,200	1		
Exterior Lighting								
HID	100%			2020	$385,200	10	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,400	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$103,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2025	$732,600	4	$7,800	
Terminal Devices								
Air Handler	20%	Now	$113,100	2035	* *	1	$11,700	
Obsolete Equipment, Extent : Severe, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2023	$792,800	1	$27,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$53,900	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,500	
Exhaust Fans								
Interior	20%	Now	$2,300	2025	$23,200	2	$500	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Basement								
Roof	80%	Now	$6,700	2025	$66,700	2	$2,100	
Not in Service, Extent : Severe, Area Affected : 80%								
Location : Roof								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BK

Asset # : 1355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$1,300	2023	$62,700	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2024	$24,400	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$10,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$61,300	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 157 - BX**
Address : **757 CAULDWELL AVENUE @E. 156 STREET**
Borough : **BRONX**
Agency's Number : **X157**
Program / Asset # : **BOE0294.000 / 389**
Yr Built/Renovated : **1967 / 2012**
Area Sq Ft : **82,000**
Project Type : **EDUCATION**
Date of Survey : **28-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2625** **Lot** : **1**
BIN : **2004464**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$220,300	$216,900
Interior Architecture	$840,100	
Electrical	$1,362,200	$529,400
Mechanical	$625,700	$306,600
Total	**$3,048,300**	**$1,052,900**
Importance Code A	$632,300	$235,400
Importance Code B	$2,416,000	$817,500
Total	**$3,048,300**	**$1,052,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,000	$14,600	$8,400	
Interior Architecture	$24,300	$26,900	$7,000	$9,500
Electrical	$4,300	$23,800	$2,200	$1,700
Mechanical	$24,000	$59,600	$18,800	$11,700
Total	**$74,600**	**$124,900**	**$36,500**	**$22,900**
Importance Code A	$22,000	$23,100	$16,900	$8,400
Importance Code B	$52,600	$101,800	$12,600	$14,500
Importance Code C			$7,000	
Total	**$74,600**	**$124,900**	**$36,500**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$44,000	LIFE	* *	5	$39,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$176,400	LIFE	* *	5	$58,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Wall Facing Kindergarten Courtyard								
Metal Panel	10%			2033	* *	5-10	$53,600	
Mosaic Tile	5%			2033	* *	10	$12,200	
Windows								
Aluminum	100%			2039	* *	5	$16,800	
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	$80,500	
Metal Rail	10%			2036	* *	5-10	$16,600	
Metal Security Bars	5%			2051	* *			
Roof								
Built-Up (BUR)	50%	Now	$15,300	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Above Spandrel Beam								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
IRMA/Protected Membrane	50%	0-2	$6,700	2028	* *			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,900	
Ceramic Tile	5%			2032	* *	5	$6,300	
Terrazzo	10%			LIFE	* *	5	$9,900	
Vinyl Tile	60%	Now	$193,900	2018	$646,200	3	$28,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%			2033	* *	3	$9,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Folding Partition	5%			2039	* *	5	$14,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$20,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%			2028	* *	5	$47,500	
Exposed Concrete	63%			LIFE	* *	5	$12,500	
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	5%	Now	$21,100	LIFE	* *	5	$7,900	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrica Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	85%			2023	$146,700	1		
Conduit	10%			2033	* *	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Fused Toggle Switch	1%	2-4	$1,800	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	74%			2022	$132,700	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$217,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$400	
Locally Mounted	20%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	20%			2031	* *	10	$15,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor And Some Stair Landings								
Explanation : T-8 Lamps								
Fluorescent	70%			2018	$658,100	10	$54,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2023	$20,300	10	$100	
Incandescent	7%			2018	$65,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$57,100	10	$10,200	
Exit, Service	50%			2018	$11,400	1		
Exterior Lighting								
HID	100%			2018	$309,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2031	* *	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$412,000	2043	* *	1	$75,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units In Process Of Replacement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$59,100	2033	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Condensate Pump								
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Thermostats								
Terminal Devices								
Air Handler	20%			2018	$91,300	1	$10,500	
Convector/Radiator	75%			2036	* *	1	$20,500	
Fan Coil Unit/Heat	5%	Now	$63,400	2033	* *	1	$1,200	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$34,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	20%			2023	$18,700	2	$500	
Roof	80%	Now	$5,400	2023	$53,800	2	$1,700	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$252,800	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Pit Is Damaged								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 157 - BX

Asset # : 389

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 158 - BK**				
Address	: **400 ASHFORD STREET BTWN: PITKIN AVE., BELMONT AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K158**	
Program / Asset #	: **BOE0458.000 / 1356**		**Yr Built/Renovated**	: **1909 / 2001**	
Area Sq Ft	: **84,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **16-Dec-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **4015**	**Lot** : **1**	**BIN**	: **3089176**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,432,700	$182,100
Interior Architecture	$1,248,900	$993,100
Electrical	$178,900	$803,700
Mechanical		$930,700
Total	**$2,860,500**	**$2,909,600**
Importance Code A	$1,432,700	$182,100
Importance Code B	$1,032,700	$2,688,800
Importance Code C	$395,000	$38,600
Total	**$2,860,500**	**$2,909,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000			
Interior Architecture	$44,600		$800	$12,100
Electrical	$2,200	$2,000	$700	$600
Mechanical	$58,200	$12,800	$19,900	$15,000
Total	**$126,000**	**$14,800**	**$21,400**	**$27,700**
Importance Code A	$29,800	$8,600	$8,600	$8,600
Importance Code B	$71,600	$6,200	$12,900	$19,200
Importance Code C	$24,600			
Total	**$126,000**	**$14,800**	**$21,400**	**$27,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	Now	$78,400	LIFE	* *	5	$37,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	25%	Now	$363,300	LIFE	* *	5	$40,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brick	15%	Now	$72,700	LIFE	* *	5	$24,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria Wing								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria Wing								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria Wing								
Masonry: Brick	50%			LIFE	* *	5	$160,500	
Masonry: Granite	2%	Now	$38,000	LIFE	* *	5	$2,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$87,700	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$570,300	2042	* *	5	$22,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Brick	50%	Now	$101,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	27%			LIFE	* *	5-10	$21,700	
Metal Panel	5%			2046	* *	5	$2,300	
Metal Security Bars	15%			2041	* *			
Pre-Cast Concrete	3%	Now	$2,500	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Built-Up (BUR)	98%	Now	$40,400	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Copper/Terne	2%			2054	* *	10	$2,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$13,500	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$50,100	2035	* *	5	$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Toilets								
Traffic Topping	5%	Now	$80,200	2036	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	50%	Now	$110,000	2026	$549,800	3	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	5%			2034	* *	3	$2,400	
Vinyl Tile 9" X 9"	25%	0-2	$106,800	2021	$356,100	3	$12,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%	Now	$42,700	2041	* *	5	$6,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$22,200	2035	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Toilet(s)								
Masonry: Brick	5%			LIFE	* *	10	$2,400	
Masonry: Brick	10%	Now	$188,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Plaster	80%	0-2	$206,700	LIFE	* *	5	$38,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$52,300	2046	* *	5	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	25%	0-2	$208,100	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry:Vault Struct	10%			LIFE	* *	10	$6,500	
Plaster	60%	Now	$203,700	LIFE	* *	5	$48,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$2,100	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$500	
Locally Mounted	20%			2024	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$79,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2026	$29,100	10	$5,200	
Emergency, Battery	25%			2031	* *	10	$5,200	
Exit, Service	25%			2026	$5,800	1		
Exit, Service	25%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$317,200	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$50,800	1	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$174,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Stations In The Hallways								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Using #2 Oil - One Tank 8,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$85,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,300	
Terminal Devices								
Convector/Radiator	95%			2024	$775,300	1	$26,500	
Fan Coil Unit/Heat	5%			2026	$64,700	1	$1,400	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - BK

Asset # : 1356

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2030	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Computer Room								
Explanation : Split Unit								
Window/Wall Unit	5%			2021	$8,900	1		
No Component	90%							
Heat Rejection								
Remote Air Cond	5%			2034	* *	2	$3,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,300	
Exhaust Fans								
Interior	95%	Now	$18,100	2026	$90,700	2	$2,000	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Units Not Operated For 20 Years, Basement								
Roof	5%			2031	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$20,100	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$20,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 158 - M**		
Address	: **1458 YORK AVENUE @E. 78 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M158**
Program / Asset #	: **BOE0096.000 / 1648**	**Yr Built/Renovated**	: **1898 / 2009**
Area Sq Ft	: **106,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1489** **Lot** : **1**	**BIN**	: **1046411**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$479,800	$308,100
Interior Architecture	$454,900	$181,000
Electrical	$159,700	$688,900
Mechanical	$112,100	$1,891,300
Total	**$1,206,500**	**$3,069,300**
Importance Code A	$479,800	$308,100
Importance Code B	$726,700	$2,761,200
Total	**$1,206,500**	**$3,069,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$2,000	$8,100	$8,200	
Electrical	$24,300	$16,100	$11,600	$10,500
Mechanical	$31,200	$15,500	$24,400	$16,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$62,500**	**$44,700**	**$49,200**	**$31,800**
Importance Code A	$10,800	$11,000	$10,800	$10,800
Importance Code B	$49,700	$30,600	$38,400	$21,000
Importance Code C	$2,000	$3,000		
Total	**$62,500**	**$44,700**	**$49,200**	**$31,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$79,100	
Masonry: Brick	85%			LIFE	* *	5	$172,200	
Masonry: Granite	5%			LIFE	* *	5	$7,600	
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Windows								
Aluminum	100%	Now	$479,800	2039	* *	5	$28,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,500	
Masonry: Brick	85%			LIFE	* *	5	$12,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,700	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$56,700	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$89,200	
Ceramic Tile	5%			2038	* *	5	$8,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$12,200	
Vinyl Tile	40%			2031	* *	3	$24,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	5%			2018	$69,400	3	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Fl								
Explanation : 9x9 Tiles								
Wood	20%			2051	* *	5	$61,200	
Interior Walls								
Ceramic Tile	2%			2032	* *	5	$4,100	
Ceramic Tile	3%			2038	* *	5	$6,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gypsum Board	20%			LIFE	* *	5	$24,400	
Masonry: Brick	15%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$30,500	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,600	
Plaster	90%	Now	$385,600	LIFE	* *	5	$91,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	* *	5	$400	
Fused Disc Sw	20%			2043	* *	5	$100	
Raceway								
Conduit	50%			2043	* *	1		
Conduit	50%			2023	$104,300	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$400	
Molded Case Bkrs	50%			2039	* *	5	$1,400	
Molded Case Bkrs	35%			2022	$62,800	5	$1,000	
Wiring								
Braided Cloth	20%	2-4	$59,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Thermoplastic	80%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$400	
Locally Mounted	50%			2040	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$32,600	
Generators								
Diesel	100%			2026	$121,400	1	$41,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 125 Kw - Wa Kraff Corp.								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$23,600	
Fuel Storage								
Main Tank	100%			2038	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$100,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$3,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$400,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$19,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,200	2023	$761,300	4	$5,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Pipe, Boiler Room								
Terminal Devices								
Air Handler	25%			2023	$147,000	1	$16,900	
Convector/Radiator	65%			2021	$669,400	1	$22,900	
Fan Coil Unit/Heat	10%			2023	$163,300	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$112,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,800	
Exhaust Fans								
Roof	100%			2023	$86,700	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2022	$25,400	2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 158 - M

Asset # : 1648

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$63,700	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 159 - BK**
Address : **2781 PITKIN AVENUE BTWN: CRESCENT ST. - HEMLOCK ST.**
Borough : **BROOKLYN** **Agency's Number** : **K159**
Program / Asset # : **BOE0459.000 / 1357** **Yr Built/Renovated** : **1908 / 2010**
Area Sq Ft : **55,000** **Project Type** : **EDUCATION**
Date of Survey : **19-Jan-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4216** **Lot** : **1** **BIN** : **3094735**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$358,500	$166,400
Interior Architecture	$347,600	$639,800
Electrical	$266,400	$1,277,900
Mechanical		$106,000
Total	**$972,500**	**$2,190,200**
Importance Code A	$358,500	$166,400
Importance Code B	$614,000	$1,732,800
Importance Code C		$291,000
Total	**$972,500**	**$2,190,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,400			
Interior Architecture	$63,100		$1,800	$6,400
Electrical	$22,800	$10,000	$1,700	$1,300
Mechanical	$28,200	$42,700	$13,600	$7,900
Total	**$116,500**	**$52,700**	**$17,100**	**$15,500**
Importance Code A	$28,800	$5,600	$5,600	$5,600
Importance Code B	$52,200	$47,100	$11,500	$9,900
Importance Code C	$35,400			
Total	**$116,500**	**$52,700**	**$17,100**	**$15,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$77,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$89,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$358,500	2031	* *	5	$14,300	1
Air Infiltration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2033	* *	10	$31,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%	Now	$2,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Electrical Room								
Metal Panel	5%			2043	* *	10	$3,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$4,900	2026	$49,200	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	25%	Now	$180,000	2033	* *	3	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Cafeteria,Classrooms, Corridors								
Vinyl Tile	17%			2028	* *	3	$5,400	
Vinyl Tile	35%			2023	$252,000	3	$14,800	
Wood	20%	Now	$167,600	2038	* *	5	$15,900	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms								
Interior Walls								
Ceramic Tile	10%	Now	$29,100	2026	$291,000	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	15%	Now	$6,300	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Corridors								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Plaster	70%			LIFE	* *	5	$22,100	
Ceilings								
AcousTile,Adhered	10%	Now	$7,900	2028	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$11,100	LIFE	* *	5	$5,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 401 And 403								
Plaster	80%			LIFE	* *	5	$42,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	0-2	$20,800	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Service Entry								
Explanation : Amps Rating Not Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$200	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Molded Case Bkrs	95%			2022	$99,400	5	$1,400	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	25%	0-2	$43,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2023	$121,700	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2021	$18,100	5	$100	
Locally Mounted	10%			2036	* *	5		
Motor Control Center	50%			2021	$146,300	5	$800	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-8 Lamps								
Fluorescent	95%			2023	$597,000	10	$49,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	20%			2018	$15,300	10	$2,700	
Emergency, Battery	30%			2031	* *	10	$4,100	
Exit, Service	20%			2018	$3,100	1		
Exit, Service	30%			2031	* *	1		
Exterior Lighting								
HID	100%			2018	$207,700	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$4,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$10,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$56,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,800	2033	* *	4	$2,800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement Level								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2023	$61,000	1	$7,000	
Convector/Radiator	80%			2028	* *	1	$14,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$34,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,500	
Exhaust Fans								
Roof	100%			2023	$45,000	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 4th Floor								
Explanation : Low Water Pressure								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK

Asset # : 1357

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$13,200	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2023	$500	1	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 159 - BK MINISCHOOL**
Address : **2789 PITKIN AVENUE BTWN: CRESCENT ST. - HEMLOCK ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K851**
Program / Asset # : **BOE0459.010 / 2748** | **Yr Built/Renovated** : **1972 / 1999**
Area Sq Ft : **10,620** | **Project Type** : **EDUCATION**
Date of Survey : **19-Jan-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **4217** **Lot** : **1** | **BIN** : **3094749**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$103,400	$79,100
Interior Architecture		$130,600
Electrical	$77,000	$196,800
Mechanical	$139,100	
Total	**$319,500**	**$406,400**
Importance Code A	$103,400	$79,100
Importance Code B	$216,100	$327,400
Total	**$319,500**	**$406,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000	$29,700		
Interior Architecture	$28,800			$1,900
Electrical	$600	$5,100	$500	$500
Mechanical	$2,400	$500	$1,600	$500
Total	**$52,800**	**$35,300**	**$2,000**	**$2,900**
Importance Code A	$21,500	$30,200	$500	$500
Importance Code B	$31,300	$5,100	$1,500	$2,400
Importance Code C				
Total	**$52,800**	**$35,300**	**$2,000**	**$2,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$2,300	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	95%			2043	* *	5-10	$108,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	97%	2-4	$103,400	2048	* *	5	$1,200	2
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Caulking Deteriorated, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Louvers	3%			2026	$2,300	10	$500	
Roof								
Metal Panel	100%	Now	$18,600	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Various Classrooms								
Interior								
Floors								
Ceramic Tile	5%	Now	$1,600	2026	$15,700	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms, Throughout								
Vinyl Tile	95%			2023	$130,600	3	$7,700	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$2,900	
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$25,300	2028	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridors, Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Corridors, Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Service Entry								
Explanation : Amps Rating Not Available								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 159 - BK MINISCHOOL
Asset # : 2748

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2023	$22,200	1		
Panelboards								
Molded Case Bkrs	100%			2022	$29,900	5	$300	
Wiring								
Thermoplastic	100%			2023	$36,700	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$120,000	10	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$1,300	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$40,100	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2018	$3,200	1	$400	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2018	$77,000	1-3	$4,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	100%			2028	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2017	$139,100	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - BK MINISCHOOL

Asset # : 2748

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Interior	100%			2023	$11,900	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	100%			2017	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 159 - Q**		
Address	**: 205-01 33 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q159**
Program / Asset #	**: BOE0806.000 / 1529**	**Yr Built/Renovated**	**: 1931 / 2002**
Area Sq Ft	**: 63,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 09-Nov-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 6038** **Lot : 13**	**BIN**	**: 4134525**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$415,400
Interior Architecture	$183,400	$200,500
Electrical	$409,400	$1,364,200
Mechanical	$261,400	$550,900
Total	**$854,200**	**$2,530,900**
Importance Code A		$452,400
Importance Code B	$854,200	$2,078,600
Total	**$854,200**	**$2,530,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$1,500	$10,600	
Interior Architecture	$4,800	$38,300	$2,400	$2,400
Electrical	$11,900	$16,100	$1,900	$1,800
Mechanical	$12,300	$48,500	$14,200	$10,100
Total	**$29,100**	**$104,400**	**$29,100**	**$14,300**
Importance Code A	$6,400	$8,000	$17,000	$6,400
Importance Code B	$22,700	$96,400	$12,100	$7,900
Importance Code C				
Total	**$29,100**	**$104,400**	**$29,100**	**$14,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	3%			LIFE	* *	5	$8,300	
Masonry: Brick	25%			LIFE	* *	5	$14,700	
Masonry: Brick	65%			LIFE	* *	5	$38,200	
Masonry: Granite	2%			LIFE	* *	5	$900	
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Windows								
Aluminum	97%			2039	* *	5	$21,200	
Metal Louvers	3%			2032	* *	10	$4,100	
Parapets								
Copper/Terne	5%			2058	* *	5	$3,000	
Masonry: Brick	30%			LIFE	* *	5	$3,700	
Masonry: Brick	35%			LIFE	* *	5	$4,300	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Rail	25%			2036	* *	5-10	$56,100	
Roof								
Built-Up (BUR)	95%			2023	$297,500	10	$65,000	
Copper/Terne	5%			2051	* *	10	$8,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,600	
Ceramic Tile	5%			2032	* *	5	$4,800	
Terrazzo	5%			LIFE	* *	5	$3,800	
Traffic Topping	5%	Now	$60,000	2033	* *	5	$3,000	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Vinyl Tile	20%			2028	* *	3	$7,300	
Vinyl Tile	20%			2023	$164,500	3	$9,700	
Vinyl Tile	15%			2018	$123,400	3	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	25%			2038	* *	5	$45,300	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$17,500	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$18,000	
AcousTileSusp.Lay-In	10%			2028	* *	5	$9,600	
Exposed Concrete	10%			LIFE	* *	5	$1,500	
Fiber Board	5%			2023	$31,400			
Plaster	60%			LIFE	* *	5	$36,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$100	
Fused Disc Sw	10%			2039	* *	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	70%			2022	$94,200	5	$1,200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	40%			2036	* *	5	$200	
Locally Mounted	60%			2021	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	89%			2023	$638,900	10	$52,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2028	* *	10	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	1%			2023	$5,200	10		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$7,800	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$237,900	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$57,200	1	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$195,800	1-3	$11,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$20,000	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$64,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$4,800	
Terminal Devices								
Air Handler	20%			2023	$69,700	1	$8,000	
Convector/Radiator	60%			2021	$366,300	1	$12,500	
Fan Coil Unit/Heat	20%			2018	$193,500	1	$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$26,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,000	
Exhaust Fans								
Interior	95%			2018	$67,900	2	$1,900	
Roof	5%			2018	$2,600	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 159 - Q

Asset # : 1529

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2033	* *	1		
Galv Iron/Steel	40%	0-2	$1,500	2021	$77,200	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2021	$15,000	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$37,700	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 16 - BX**		
Address	: **4550 CARPENTER AVENUE @E. 239-240 STS.**		
Borough	: **BRONX**	**Agency's Number**	: **X016**
Program / Asset #	: **BOE0166.000 / 507**	**Yr Built/Renovated**	: **1909 / 2008**
Area Sq Ft	: **44,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **5076** **Lot** : **31**	**BIN**	: **2070894**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$286,700	$115,200
Interior Architecture	$85,100	$535,700
Electrical	$40,400	$358,400
Mechanical	$54,300	$65,900
Total	**$466,500**	**$1,075,200**
Importance Code A	$286,700	$115,200
Importance Code B	$94,600	$960,000
Importance Code C	$85,100	
Total	**$466,500**	**$1,075,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,400
Interior Architecture	$21,200	$7,300	$11,600	
Electrical	$10,900	$1,500	$1,400	$1,500
Mechanical	$7,200	$7,100	$9,800	$6,000
Total	**$39,200**	**$15,900**	**$22,900**	**$18,900**
Importance Code A	$4,400	$4,400	$4,500	$15,800
Importance Code B	$14,800	$11,500	$18,400	$3,100
Importance Code C	$20,100			
Total	**$39,200**	**$15,900**	**$22,900**	**$18,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$23,200	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$36,300	
Masonry: Brick	85%	Now	$238,100	LIFE	* *	5	$78,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Foundation, Custodians Office								
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%			2040	* *	5	$22,800	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$10,200	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$48,600	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$11,200	
Ceramic Tile	3%			2027	* *	5	$2,200	
Quarry Tile	5%			2029	* *	5	$5,500	
Vinyl Tile	80%			2024	$496,900	3	$21,900	
Wood	5%			2039	* *	5	$6,800	
Interior Walls								
Ceramic Tile	5%	Now	$20,100	2027	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	15%	Now	$85,100	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement And Former Coal Shoot Area								
Plaster	60%			LIFE	* *	5	$13,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Custodians Office								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$11,000	
Plaster	85%			LIFE	* *	5	$38,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	80%			2024	$55,600	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$100	
Molded Case Bkrs	60%			2032	* *	5	$700	
Molded Case Bkrs	30%			2040	* *	5	$300	
Wiring								
Braided Cloth	10%	2-4	$9,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	90%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$40,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2024	$29,700	10	$5,300	
Exit, Service	50%			2024	$5,900	1		
Exterior Lighting								
HID	100%			2024	$166,200	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$136,700	1-3	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights, Smoke Detector								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 16 - BX

Asset # : 507

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$43,600	
Other Observation, Extent : Light, Area Affected : 100% Location : Basement Boiler Room Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$3,300	
Terminal Devices								
Air Handler	15%			2029	* *	1	$4,100	
Convector/Radiator	75%			2029	* *	1	$10,700	
Fan Coil Unit/Heat	10%			2024	$65,900	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$54,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$24,500	
Exhaust Fans								
Interior	15%			2029	* *	2	$200	
Roof	85%			2029	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$26,300	1		
Water Heater								
Gas Fired	100%			2023	$10,200	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2034	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 160 - BK**		
Address	: **5105 FT. HAMILTON PKWY BTWN: FT HAMILTON PKWAY., 11 A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K160**
Program / Asset #	: **BOE0460.000 / 1330**	**Yr Built/Renovated**	: **1909 / 2008**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5653** **Lot** : **21**	**BIN**	: **3138276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$574,300	$89,600
Interior Architecture	$677,900	$331,200
Electrical		$664,100
Mechanical		$853,700
Total	**$1,252,200**	**$1,938,500**
Importance Code A	$574,300	$89,600
Importance Code B	$422,700	$1,848,900
Importance Code C	$255,200	
Total	**$1,252,200**	**$1,938,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$81,700			
Interior Architecture	$88,100			$7,400
Electrical	$1,300	$400	$600	$1,100
Mechanical	$28,700	$7,700	$13,000	$9,100
Total	**$199,800**	**$8,100**	**$13,600**	**$17,600**
Importance Code A	$87,400	$5,600	$5,600	$5,600
Importance Code B	$97,800	$2,500	$8,000	$11,900
Importance Code C	$14,700			
Total	**$199,800**	**$8,100**	**$13,600**	**$17,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$85,100	LIFE	* *	5	$20,400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	90%	Now	$425,800	LIFE	* *	5	$47,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$63,400	LIFE	* *	5	$2,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Spandrels								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Spandrels								
Windows								
Aluminum	90%			2042	* *	5	$10,100	
Wood	10%	Now	$31,600	2051	* *	5	$5,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Auditorium								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$17,500	
Masonry: Brick	90%			LIFE	* *	5-10	$37,900	
Roof								
Built-Up (BUR)	70%			2034	* *	10	$31,400	
Built-Up (BUR)	25%			2034	* *	10	$11,200	
Copper/Terne	5%			2061	* *	10	$5,600	
Interior								
Floors								
Ceramic Tile	5%	Now	$16,500	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	40%	Now	$28,900	2031	* *	3	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$28,100	2021	$280,800	3	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	25%	Now	$140,100	2041	* *	5	$19,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$62,200	2029	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%	Now	$14,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$193,000	LIFE	* *	5	$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceilings								
Metal Panel	5%	Now	$70,900	LIFE	* *	5	$5,300	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	95%	Now	$211,700	LIFE	* *	5	$50,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 35%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Molded Case Bkrs	80%			2025	$83,700	5	$1,200	
Molded Case Bkrs	10%			2042	* *	5	$100	
Wiring								
Thermoplastic	80%			2026	$139,100	1		
Thermoplastic	20%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2024	$31,700	5	$300	
Locally Mounted	30%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$52,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$38,300	10	$6,900	
Exit, Service	50%			2026	$7,700	1		
Exterior Lighting								
HID	100%			2026	$207,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$33,300	1	$4,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$56,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$2,800	
Terminal Devices								
Convector/Radiator	100%			2024	$536,200	1	$18,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Auditorium A H U Has Been Removed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BK

Asset # : 1330

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2024	$81,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Roof	10%			2021	$4,500	2	$200	
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Only 2 Fans Remain, The Rest Have Been Removed								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$169,500	1		
Water Heater								
Gas Fired	100%			2021	$13,200	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Water Back-ups At Basement Shower Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2026	$66,300	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 160 - BX**
Address : **4140 HUTCHINSON RIVER PK BTWN: EINSTEIN LOOP S., HUNTER A**
Borough : **BRONX** | **Agency's Number** : **X160**
Program / Asset # : **BOE0296.000 / 1097** | **Yr Built/Renovated** : **1972 / 2011**
Area Sq Ft : **111,000** | **Project Type** : **EDUCATION**
Date of Survey : **25-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5135** **Lot** : **200** **BIN** : **2072352**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$249,700	$299,300
Interior Architecture	$979,700	$96,400
Electrical		$2,299,900
Mechanical	$28,400	$504,800
Total	**$1,257,800**	**$3,200,300**
Importance Code A	$249,700	$341,300
Importance Code B	$751,700	$2,859,100
Importance Code C	$256,400	
Total	**$1,257,800**	**$3,200,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,300			
Interior Architecture	$170,200		$9,500	$19,300
Electrical	$13,700	$800	$1,000	$2,100
Mechanical	$22,500	$22,300	$26,200	$13,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$239,600**	**$27,100**	**$40,700**	**$39,200**
Importance Code A	$35,000	$5,700	$5,700	$5,700
Importance Code B	$125,300	$21,400	$25,500	$33,500
Importance Code C	$79,300		$9,500	
Total	**$239,600**	**$27,100**	**$40,700**	**$39,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$94,900	
Masonry: Brick	65%			LIFE	* *	5	$123,400	
Pre-Cast Concrete	25%			LIFE	* *	5	$154,200	
Windows								
Aluminum	100%			2051	* *	5	$21,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$74,400	
Pre-Cast Concrete	30%			LIFE	* *	5	$58,600	
Roof								
Modified Bitumen	100%			2036	* *	10	$113,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$52,500	
Ceramic Tile	3%	0-2	$19,900	2035	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	90%	Now	$262,400	2031	* *	3	$57,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$19,000	
Ceramic Tile	3%	0-2	$12,600	2035	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	7%	2-4	$11,800	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	5%			2034	* *	5	$19,000	
Masonry: Brick	10%			LIFE	* *	10	$4,600	
Metal Panel	15%	0-2	$31,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$109,500	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$146,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$277,200	2046	* *	5	$21,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	10%	0-2	$27,600	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$17,100	
Gypsum Board	25%			LIFE	* *	5-10	$147,200	
Plaster	40%	Now	$90,000	LIFE	* *	5	$42,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$175,900	5	$400	
Fused Disc Sw	10%			2046	* *	5		
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	30%			2025	$53,800	5	$800	
Molded Case Bkrs	10%			2042	* *	5	$300	
Molded Case Bkrs	60%			2025	$107,600	5	$1,800	
Wiring								
Thermoplastic	85%			2026	$253,600	1		
Thermoplastic	10%			2046	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	* *	5	$400	
Locally Mounted	50%			2039	* *	5	$400	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,247,100	10	$103,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2036	* *	10		
Incandescent	1%			2021	$12,700	2		
Egress Lighting								
Emergency, Battery	40%			2021	$61,800	10	$11,100	
Exit, Service	60%			2021	$18,500	1		
Exterior Lighting								
HID	100%			2036	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$67,200	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Alarm Bells And Strobe Lights, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Supplied From Co Op City								
Conversion Equipment								
Heat Exchanger	100%			2029	* *	1	$56,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - BX

Asset # : 1097

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2034	* *	4	$8,500	
Terminal Devices								
Air Handler	50%			2026	$308,900	1	$35,400	
Convector/Radiator	50%			2031	* *	1	$18,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$141,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,100	
Exhaust Fans								
Interior	40%			2031	* *	2	$1,400	
Roof	60%			2026	$54,600	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
High Temp	100%			2046	* *	4	$17,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : C-3							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$57,800	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 160 - Q**				
Address	: **109-59 INWOOD STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q160**
Program / Asset #	: **BOE0807.000 / 1530**			**Yr Built/Renovated**	: **1938 / 2007**
Area Sq Ft	: **68,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **11942**	**Lot**	: **302**	**BIN**	: **4258143**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,100	$64,300
Interior Architecture	$266,300	$196,400
Electrical	$351,300	$1,601,500
Mechanical		$297,500
Total	**$671,700**	**$2,159,600**
Importance Code A	$54,100	$101,300
Importance Code B	$617,600	$1,971,300
Importance Code C		$87,000
Total	**$671,700**	**$2,159,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$12,600	
Interior Architecture		$24,500	$5,200	$6,500
Electrical	$28,200	$18,400	$2,000	$2,300
Mechanical	$37,900	$53,800	$15,500	$9,600
Total	**$66,100**	**$96,700**	**$35,300**	**$18,400**
Importance Code A	$6,900	$7,100	$19,500	$6,900
Importance Code B	$59,200	$89,700	$15,800	$11,500
Importance Code C				
Total	**$66,100**	**$96,700**	**$35,300**	**$18,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$64,300	
Masonry: Limestone	10%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%			2039	* *	5	$25,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,700	
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	100%	Now	$54,100	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Roof Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 406, 409, 429								
Interior								
Floors								
Ceramic Tile	3%			2026	$60,700	5	$3,100	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	30%	Now	$266,300	2033	* *	3	$11,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	35%			2028	* *	3	$13,700	
Vinyl Tile	5%			2031	* *	3	$2,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Wood	25%			2038	* *	5	$48,900	
Interior Walls								
Ceramic Tile	3%			2026	$87,000	5	$3,200	
Ceramic Tile	2%			2036	* *	5	$2,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Glass Block	2%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$17,300	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$10,400	
AcousTileSusp.Lay-In	5%			2040	* *	5	$5,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	75%			LIFE	* *	5	$48,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$26,900	2048	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	5%			2039	* *	5	$100	
Molded Case Bkrs	20%			2031	* *	5	$400	
Molded Case Bkrs	55%			2022	$74,000	5	$1,000	
Wiring								
Braided Cloth	45%	2-4	$78,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2023	$86,900	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$400	
Locally Mounted	20%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$759,300	10	$62,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$5,600	10		
Incandescent	1%			2018	$7,700	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$8,400	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$256,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$61,700	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$211,300	2033	* *	1-3	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Manual Pull Station And Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$21,600	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$69,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$24,400	2033	* *	4	$3,400	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Noisy Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2023	$75,200	1	$8,600	
Convector/Radiator	70%			2028	* *	1	$15,800	
Fan Coil Unit/Heat	10%			2023	$104,400	1	$2,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 160 - Q

Asset # : 1530

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$21,500	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,900	
Exhaust Fans								
Interior	100%			2023	$77,100	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$10,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$40,700	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 161 - BK**
Address : **330 CROWN STREET BTWN: NOSTRAND AVE, NEW YORK AVE**
Borough : **BROOKLYN** | **Agency's Number** : **K161**
Program / Asset # : **BOE0461.000 / 11** | **Yr Built/Renovated** : **1923 / 2008**
Area Sq Ft : **78,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-Mar-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4,5**
Block : **1297** **Lot** : **26** | **BIN** : **3034181**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,127,200	$192,400
Interior Architecture	$1,049,400	$373,900
Electrical	$121,700	$251,400
Mechanical		$1,486,200
Total	**$3,298,400**	**$2,303,800**
Importance Code A	$2,127,200	$192,400
Importance Code B	$868,900	$2,111,400
Importance Code C	$302,200	
Total	**$3,298,400**	**$2,303,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,500			
Interior Architecture	$16,500			$20,200
Electrical	$12,400	$2,100	$900	$900
Mechanical	$102,300	$11,300	$19,000	$11,300
Total	**$138,700**	**$13,400**	**$19,800**	**$32,400**
Importance Code A	$15,600	$7,900	$7,900	$7,900
Importance Code B	$115,900	$5,400	$11,900	$20,800
Importance Code C	$7,100			$3,700
Total	**$138,700**	**$13,400**	**$19,800**	**$32,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$116,500	
Masonry: Brick	90%	2-4	$202,400	LIFE	* *	5	$134,200	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : All Facades								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Masonry: Limestone	5%	Now	$40,700	LIFE	* *	5	$5,600	
Loose Units, Extent : Severe, Area Affected : 5%								
Location : Decorative Banding - East Facade								
Windows								
Aluminum	100%	Now	$1,765,300	2051	* *	5	$21,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	2-4	$4,300	LIFE	* *	5	$4,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5-10	$70,900	
Roof								
Asphalt Macadam	15%			2026	$21,400	5	$4,200	
Built-Up (BUR)	85%	Now	$3,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : West Roof								
Interior								
Floors								
Carpet	5%	Now	$3,800	2022	$76,600	3	$9,000	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 10%								
Location : Room 401								
Ceramic Tile	5%			2035	* *	5	$6,000	
Terrazzo	5%	Now	$5,600	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	2-4	$61,300	2026	$306,300	3	$13,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium And Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium And Cafeteria								
Vinyl Tile 9" X 9"	40%	Now	$529,100	2036	* *	3	$18,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Corridors And Stairwells Throughout								
Wood	15%			2041	* *	5	$33,800	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$189,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement - Coal Bunker, Oil Tank Room, Hwh Pump, Ash Hoist								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Basement								
Explanation : Water Penetrating Into Basement From Courtyard/playground Above								
Ceramic Tile	5%			2035	* *	5	$7,500	
Masonry: Brick	10%			LIFE	* *	10	$4,500	
Metal Panel	3%			LIFE	* *	10	$2,000	
Metal: Cage/Fence	2%			LIFE	* *	10	$600	
Marble Panels	5%	Now	$59,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%			LIFE	* *	5-10	$82,600	
Ceilings								
Exposed Concrete	10%	Now	$38,600	LIFE	* *	5	$1,900	
Exposed Reinforcement, Extent : Moderate, Area Affected : 25%								
Location : Coal Bunker								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Coal Bunker								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Coal Bunker								
Plaster	90%			LIFE	* *	5-10	$185,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$66,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$3,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2021	$26,700	10	$2,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$12,800	10	$100	
Egress Lighting								
Emergency, Battery	40%			2021	$43,300	10	$7,700	
Emergency, Battery	10%			2036	* *	10	$1,900	
Exit, Service	45%			2021	$9,700	1		
Exit, Service	5%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$8,700	
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 6000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$28,000	2026	$560,200	4	$4,000	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Defective Distribution Control Valves								
Terminal Devices								
Air Handler	25%	Now	$10,800	2021	$108,200	1	$11,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Gymnasium Blower								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Various								
Explanation : All Air Outlets Are Being Blocked Out Except Auditorium For Long Time.								
Convector/Radiator	75%	Now	$11,400	2024	$568,400	1	$17,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Defective Radiator - Cafeteria								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2021	$66,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,800	
Exhaust Fans								
Interior	100%	Now	$17,700	2021	$88,700	2	$2,000	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : 4 Units, Penthouse.								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$47,900	1		
Water Heater								
Gas Fired	100%			2025	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BK

Asset # : 11

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$46,800	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 161 - BX**		
Address	: **620 TINTON AVENUE @E. 151 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X161**
Program / Asset #	: **BOE0297.000 / 391**	**Yr Built/Renovated**	: **1968 /**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2664** **Lot** : **29**	**BIN**	: **2004773**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,310,100	$204,300
Interior Architecture	$1,369,600	$87,700
Electrical	$1,196,600	$893,700
Mechanical		$419,000
Total	**$3,876,300**	**$1,604,700**
Importance Code A	$1,310,100	$241,300
Importance Code B	$2,348,500	$1,363,400
Importance Code C	$217,700	
Total	**$3,876,300**	**$1,604,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,100			
Interior Architecture	$107,100			$14,100
Electrical	$31,800	$34,000	$1,500	$2,000
Mechanical	$43,800	$27,300	$21,100	$13,400
Total	**$227,900**	**$61,300**	**$22,600**	**$29,500**
Importance Code A	$54,000	$9,100	$8,900	$8,900
Importance Code B	$104,900	$52,200	$13,700	$20,600
Importance Code C	$69,000			
Total	**$227,900**	**$61,300**	**$22,600**	**$29,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$2,600	
Masonry: Brick	90%	Now	$224,500	LIFE	* *	5	$74,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner								
Pre-Cast Concrete	5%	Now	$6,800	LIFE	* *	5	$13,400	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Along Base At Play Yard								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Along Base At Play Yard								
Windows								
Aluminum	100%	Now	$746,500	2048	* *	5	$8,900	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Toilet Rooms On 2nd And 3rd Floors, Cafeteria And All Stairs								
Parapets								
Masonry: Brick	90%	Now	$25,300	LIFE	* *	5	$8,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	10%			2036	* *	5-10	$7,500	
Roof								
Built-Up (BUR)	40%	Now	$13,000	2023	$129,900			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	60%	Now	$339,100	2033	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%	Now	$13,000	2032	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets								
Vinyl Tile	84%	Now	$192,000	2018	$959,900	3	$42,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9 X 9 Tiles								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	1%			2051	* *	5	$2,500	
Interior Walls								
Ceramic Tile	5%	Now	$16,400	2032	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$26,400	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Folding Partition	5%	Now	$217,700	2039	* *	5	$7,400	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Wall Between Cafeteria And Gymnasium								
Plaster	55%	Now	$26,200	LIFE	* *	5	$19,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$10,900	2028	* *	5	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$5,400	2036	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5	$12,600	
Fiber Board	10%	Now	$8,800	2023	$87,700			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout Cafetria								
Plaster	10%			LIFE	* *	5	$8,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	75%			2022	$134,500	5	$1,700	
Wiring								
Braided Cloth	85%	2-4	$217,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Thermoplastic	15%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	80%			2018	$797,900	10	$65,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2023	$49,900	10	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	5%			2018	$35,800	10	$100	
Incandescent	8%			2018	$79,800	2	$200	
Inadequate Ltg Level, Extent : Moderate, Area Affected : 80%								
Location : Cafeteria And Teacher Lounge								
Incandescent	2%	Now	$19,900	2033	* *	2		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Spot Lights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	45%			2018	$19,900	1		
Emergency, Battery	5%			2023	$6,100	10	$1,100	
Exit, Service	50%			2018	$12,100	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$270,300	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2043	* *	5	$27,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$88,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$12,500	2033	* *	4	$4,400	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2028	* *	1	$22,200	
Convector/Radiator	35%			2028	* *	1	$10,200	
Fan Coil Unit/Heat	25%	Now	$6,700	2023	$336,100	1	$6,500	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Throughout First Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2023	$82,900	2	$1,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Used For Ventilation Only								
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - BX

Asset # : 391

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,100	
Exhaust Fans								
Interior	20%			2023	$19,900	2	$600	
Roof	80%			2028	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 161 - M**
Address : **499 WEST 133 STREET BTWN: AMSTERDAM AV - CONVENT AV**
Borough : **MANHATTAN** | **Agency's Number** : **M161**
Program / Asset # : **BOE0097.000 / 1649** | **Yr Built/Renovated** : **1962 / 2003**
Area Sq Ft : **95,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors mez,1,2**
Block : **1971** **Lot** : **1** | **BIN** : **1059645**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$598,000	$488,600
Interior Architecture	$1,045,500	$587,600
Electrical	$166,100	$1,721,500
Mechanical		$349,500
Total	**$1,809,600**	**$3,147,200**
Importance Code A	$598,000	$488,600
Importance Code B	$1,131,100	$2,658,600
Importance Code C	$80,500	
Total	**$1,809,600**	**$3,147,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$26,900	
Interior Architecture	$44,200			$15,200
Electrical	$9,800		$300	$100
Mechanical	$69,200	$18,900	$25,300	$24,900
Total	**$123,200**	**$18,900**	**$52,500**	**$40,200**
Importance Code A	$9,700	$9,700	$36,600	$9,700
Importance Code B	$97,900	$9,200	$15,900	$30,500
Importance Code C	$15,600			
Total	**$123,200**	**$18,900**	**$52,500**	**$40,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	88%	2-4	$535,900	LIFE	* *	5	$71,500	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%								
Location : East And North East Facades (horizontal)								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : East Facade, North East Corner								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : All Facades								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Window Openings All Facades								
Metal Panel	2%			2046	* *	5-10	$11,200	
Metal: Cage/Fence	10%			2039	* *	5	$35,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Street Level								
Explanation : Window & Entry Guards								
Windows								
Aluminum	100%			2034	* *	5	$18,200	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$72,700	
Metal Panel	5%			2036	* *	5	$2,600	
Metal Rail	15%			2031	* *	5-10	$36,000	
Roof								
Built-Up (BUR)	70%			2026	$310,200	10	$67,700	
Copper/Terne	3%			2054	* *	10	$7,300	
Paver: Asphalt	27%			2035	* *	10	$39,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Snow Present								
Interior								
Floors								
Cast in Place Concrete	15%	Now	$4,600	LIFE	* *	5	$48,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Ground Floor								
Ceramic Tile	2%			2035	* *	5	$2,900	
Quarry Tile	3%			2031	* *	5	$6,600	
Vinyl Tile	40%	2-4	$99,800	2026	$499,100	3	$22,000	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement, Cafeteria								
Vinyl Tile 9" X 9"	35%	Now	$565,800	2036	* *	3	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Classrooms								
Wood	5%			2041	* *	5	$13,800	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	25%	Now	$44,800	2029	* *	5	$16,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Corridors, Stairwells, Cafeteria								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	15%			LIFE	* *	5	$15,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,800	
Masonry: Brick	5%			LIFE	* *	10	$1,900	
Plaster	50%			LIFE	* *	5-10	$55,200	
Ceilings								
AcousTileConcealSpLn	44%	Now	$104,400	2031	* *	5	$40,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Basement, Cafeteria								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2031	* *	5	$7,300	
Exposed Concrete	15%			LIFE	* *	5-10	$27,500	
Metal Panel	6%	Now	$146,900	LIFE	* *	5	$11,000	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Plaster	30%			LIFE	* *	5-10	$75,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2056	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$400	
Raceway								
Conduit	95%			2026	$164,000	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Fused Disc Sw	5%			2051	* *	5	$100	
Molded Case Bkrs	90%			2051	* *	5	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	65%	2-4	$166,100	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	20%			2026	$51,100	1		
Thermoplastic	5%			2046	* *	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$88,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$11,800	
Exit, Service	50%			2021	$13,200	1		
Exterior Lighting								
HID	100%			2021	$358,800	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$984,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2052	* *	5	$30,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$97,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2- #2 Oil Burning, Gas Ingnition Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	30%			2052	* *	4	$1,500	
Steam Piping/Pump	70%			2036	* *	4	$3,400	
Terminal Devices								
Air Handler	20%			2026	$105,700	1	$12,100	
Convector/Radiator	80%			2031	* *	1	$25,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2021	$181,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,600	
Exhaust Fans								
Interior	20%			2026	$21,700	2	$600	
Roof	80%			2026	$62,400	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galv Iron/Steel	80%			2031	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Various Areas								
Water Heater								
Gas Fired	100%			2025	$22,800	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2034	* *	1	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Backflow Preventer Serves Boiler Makeup Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - M

Asset # : 1649

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,400	
Other Observation, Extent : Light, Area Affected : 100% *Location : Storage Area* *Explanation : Serves Storage Area Only*								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 161 - Q**		
Address	: **101-33 124TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q161**
Program / Asset #	: **BOE1013.000 / 13406**	**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **86,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**		
Block	: **9491** **Lot** : **1**	**BIN**	: **4200748**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$437,300	$144,100
Interior Architecture		$165,200
Electrical	$78,900	
Mechanical		$171,800
Total	**$516,200**	**$481,100**
Importance Code A	$437,300	$144,100
Importance Code B	$78,900	$230,700
Importance Code C		$106,300
Total	**$516,200**	**$481,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,900			$21,300
Interior Architecture	$54,500		$3,400	$10,600
Electrical	$10,500	$8,400	$20,100	$14,000
Mechanical	$42,600	$41,600	$46,700	$47,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$146,400**	**$57,800**	**$78,000**	**$101,200**
Importance Code A	$39,400	$8,500	$8,700	$29,800
Importance Code B	$104,400	$49,300	$69,300	$71,400
Importance Code C	$2,600			
Total	**$146,400**	**$57,800**	**$78,000**	**$101,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$128,700	LIFE	* *	5	$85,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : At Lintels								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : At Lintels, Room 410								
Metal Panel	15%			2050	* *	5-10	$117,300	
Window Wall	10%			2050	* *	5	$42,700	
Windows								
Aluminum	95%	Now	$144,300	2046	* *	5	$17,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2037	* *	10	$11,300	
Parapets								
Masonry: Brick	90%	Now	$79,000	LIFE	* *	5	$13,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : At Flashing								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : At Flashing								
Metal Rail	3%			2041	* *	5-10	$8,200	
Pre-Cast Concrete	7%			LIFE	* *	5	$6,700	
Roof								
Built-Up (BUR)	40%	Now	$19,600	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Flat Sections Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Library, Science Room, Auditorium, Mechanical Room								
Metal Panel	60%			2041	* *	10	$58,800	
Interior								
Floors								
Carpet	5%			2025	$85,900	3	$10,100	
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	7%			2037	* *	5	$9,400	
Quarry Tile	5%			2041	* *	5	$10,100	
Slate	2%			LIFE	* *	5	$2,900	
Terrazzo	3%			LIFE	* *	5	$3,200	
Vinyl Tile	63%			2032	* *	3	$42,400	
Wood	5%			2052	* *	5	$12,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2037	* *	5	$5,200	
Concrete Masonry Unit	53%			LIFE	* *	5	$54,700	
Glass: Single Pane	2%			LIFE	* *	5	$3,900	
Gypsum Board	10%			LIFE	* *	5	$15,500	
Masonry: Brick	3%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$51,600	
Ceilings								
AcousTileSusp.Lay-In	45%			2037	* *	5	$60,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Library, Auditorium, Science Room, Mechanical Room								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	35%			LIFE	* *	5	$58,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 410 And Various Others								
Metal Panel	10%			LIFE	* *	5	$16,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Rated 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	15%			2037	* *	5	$100	
Motor Control Center	85%			2037	* *	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$26,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	* *	1	$33,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : 312 Kva Onan Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$19,200	
Fuel Storage								
Day Tank	50%			2040	* *	5	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Unknown Capacity								
Main Tank	50%			2052	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 10,000 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$77,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2029	* *	10	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exit And Entrance Points								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$16,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$85,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,200	
Terminal Devices								
Air Handler	80%			2029	* *	1	$42,500	
Convector/Radiator	20%			2037	* *	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$14,600	2029	* *	1	$35,900	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : 2 Out Of 4 Units Are Not In Service Due To Refrigerant Leak								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,200	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$53,200	
Heat Rejection								
Air Condenser Unit	100%			2024	$171,800	2	$59,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	100%			2029	* *	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2023	$20,000	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 161 - Q

Asset # : 13406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2029	* *	1	$5,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C-4 (1) C-ph								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$45,000	
Sprinkler								
Generic	100%			2044	* *	1-2	$24,100	
Fire Pump								
Generic	100%			2033	* *	1	$16,100	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 162 - Q**
Address : **201-02 53 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0808.000 / 1531**
Area Sq Ft : **162,000**
Date of Survey : **05-Oct-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7410** **Lot** : **1**

Agency's Number : **Q162**
Yr Built/Renovated : **1937 / 2000**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4159363**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,244,200	$428,200
Interior Architecture	$892,600	$932,400
Electrical	$1,058,700	$453,400
Mechanical	$109,300	$922,000
Total	**$3,304,700**	**$2,736,000**
Importance Code A	$1,244,200	$428,200
Importance Code B	$2,060,600	$2,266,500
Importance Code C		$41,300
Total	**$3,304,700**	**$2,736,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$22,000		
Interior Architecture	$38,300	$12,400		$7,800
Electrical	$4,700	$4,700	$5,200	$4,700
Mechanical	$26,000	$48,600	$39,000	$22,900
Total	**$68,900**	**$87,800**	**$44,200**	**$35,400**
Importance Code A	$16,500	$38,800	$16,500	$16,500
Importance Code B	$52,500	$49,000	$27,700	$18,900
Importance Code C				
Total	**$68,900**	**$87,800**	**$44,200**	**$35,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$410,700	LIFE	* *	5	$136,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation At East And West Sides								
Masonry: Granite	5%			LIFE	* *	5	$5,700	
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Windows								
Steel	15%	Now	$441,200	2048	* *	5	$52,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Gymnasium								
Wood	85%			2039	* *	5	$478,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$30,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	95%	Now	$153,000	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Room 315								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Rooms 327, 330, 332, Gymnasium								
Copper/Terne	5%			2038	* *	10	$22,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$27,200	
Ceramic Tile	5%			2032	* *	5	$12,400	
Terrazzo	5%			LIFE	* *	5	$9,700	
Vinyl Tile	25%			2023	$528,700	3	$31,100	
Vinyl Tile	40%			2018	$846,000	3	$37,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	20%			2038	* *	5	$93,300	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$41,300	
SGFT/Glazed Masonry	25%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2036	* *	5	$15,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2021	$199,900	5	$30,900	
Exposed Concrete	10%			LIFE	* *	5	$3,900	
Plaster	60%			LIFE	* *	5	$92,700	
Plaster	15%	Now	$24,300	LIFE	* *	5	$23,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rooms 315, 321, 327, 330, 332								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 315, 321, 327, 330, 332								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$700	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$38,100	5	$600	
Molded Case Bkrs	50%			2045	* *	5	$2,100	
Molded Case Bkrs	35%			2022	$88,900	5	$1,500	
Wiring								
Braided Cloth	60%	2-4	$208,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2049	* *	1		
Thermoplastic	10%			2053	* *	1		
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Motor Controllers								
Locally Mounted	90%			2021	$103,600	5	$1,000	
Locally Mounted	10%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$143,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2018	$39,800	10	$200	
Incandescent	3%			2018	$55,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$20,100	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2018	$611,800	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$39,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$51,500	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$164,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$58,000	2033	* *	4	$8,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pumps, Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2023	$179,200	1	$20,600	
Convector/Radiator	60%			2028	* *	1	$32,200	
Fan Coil Unit/Heat	20%			2023	$497,700	1	$10,700	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$51,200	1		
No Component	85%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 162 - Q

Asset # : 1531

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,700	
Exhaust Fans								
Interior	90%			2023	$165,300	2	$4,600	
Roof	10%			2023	$13,200	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2033	* *	1		
Galv Iron/Steel	15%	2-4	$1,500	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Piping, Basement								
Water Heater								
Gas Fired	100%			2023	$38,700	2	$2,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 163 - BX**
Address : **2075 WEBSTER AVENUE @E. 180 STREET**
Borough : **BRONX**
Agency's Number : **X163**
Program / Asset # : **BOE0299.000 / 392**
Yr Built/Renovated : **1975 / 2011**
Area Sq Ft : **33,000**
Project Type : **EDUCATION**
Date of Survey : **27-Sep-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3142** **Lot** : **48**
BIN : **2013297**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$268,000	
Electrical	$313,800	$490,300
Mechanical		$374,600
Total	**$581,800**	**$864,900**
Importance Code A	$268,000	
Importance Code B	$313,800	$864,900
Total	**$581,800**	**$864,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,700	$400	$3,200
Interior Architecture	$2,000	$15,300	$4,000	$5,100
Electrical	$1,000	$48,200	$900	$600
Mechanical	$12,400	$32,700	$11,800	$6,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$19,300**	**$103,800**	**$21,100**	**$19,300**
Importance Code A	$8,300	$7,100	$3,800	$6,500
Importance Code B	$10,300	$96,600	$16,100	$12,700
Importance Code C	$700		$1,100	
Total	**$19,300**	**$103,800**	**$21,100**	**$19,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$24,800	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	5	$1,400	
Repairs in Progress, Extent : Light, Area Affected : 30%								
Location : Bulkheads								
Metal Panel	7%			2043	* *	5-10	$13,600	
Windows								
Aluminum	100%			2045	* *	5	$6,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,400	
Recent Repair Evident, Extent : Light, Area Affected : 35%								
Location : Throughout								
Metal Panel	5%			2049	* *	5	$900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Coping								
Roof								
IRMA/Protected Membrane	100%	Now	$268,000	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,600	
Ceramic Tile	5%			2032	* *	5	$2,500	
Vinyl Tile	45%			2028	* *	3	$8,600	
Vinyl Tile	20%			2033	* *	3	$3,800	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Under Construction	25%							
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$1,400	
Concrete Masonry Unit	50%			LIFE	* *	5	$9,000	
Folding Partition	2%			2039	* *	5	$2,300	
Gypsum Board	20%			LIFE	* *	5	$5,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Under Construction	25%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%			2028	* *	5	$28,000	
AcousTileSusp.Lay-In	20%			2040	* *	5	$10,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Under Construction	25%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$8,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$97,700	5	$100	
Raceway								
Conduit	100%			2023	$52,600	1		
Panelboards								
Fused Disc Sw	10%			2022	$7,500	5	$100	
Fused Disc Sw	20%			2031	* *	5	$200	
Molded Case Bkrs	70%			2022	$52,300	5	$600	
Wiring								
Thermoplastic	80%			2023	$53,200	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	50%			2023	$189,200	10	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	50%			2018	$189,200	10	$15,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2018	$23,000	10	$4,100	
Exit, Service	50%			2018	$4,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$124,600	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2031	* *	1-3	$7,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$10,600	
Conversion Equipment								
Steam Boiler	100%	Now	$8,300	2028	* *	1	$30,400	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Bricks At The Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$2,500	
Terminal Devices								
Air Handler	100%			2023	$183,600	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	85%			2023	$190,900	2	$1,800	
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 85%								
Location : Roof								
Explanation : 4 Units								
Window/Wall Unit	15%			2018	$10,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$19,000	
Exhaust Fans								
Roof	100%			2028	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%			2018	$5,300	4	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - BX

Asset # : 392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2023	$10,600	4	$3,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$17,200	
Sprinkler								
No Component	85%							
Generic	15%			2033	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 163 - M**
Address : **163 WEST 97 STREET @ AMSTERDAM AVE.**
Borough : **MANHATTAN**
Agency's Number : **M163**
Program / Asset # : **BOE0098.000 / 1650**
Yr Built/Renovated : **1958 / 2013**
Area Sq Ft : **69,000**
Project Type : **EDUCATION**
Date of Survey : **24-Dec-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1852** **Lot** : **99** **BIN** : **1055908**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$584,600	$47,000
Interior Architecture	$758,500	
Electrical	$226,100	$241,200
Mechanical		$592,600
Total	**$1,569,200**	**$880,800**
Importance Code A	$584,600	$391,600
Importance Code B	$984,700	$489,200
Total	**$1,569,200**	**$880,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,000	$14,900		$3,700
Interior Architecture	$48,700		$4,300	$24,400
Electrical		$200		$30,400
Mechanical	$43,000	$21,000	$19,500	$55,000
Total	**$128,700**	**$36,200**	**$23,700**	**$113,500**
Importance Code A	$54,200	$21,900	$7,000	$10,800
Importance Code B	$44,100	$14,200	$14,100	$102,800
Importance Code C	$30,400		$2,700	
Total	**$128,700**	**$36,200**	**$23,700**	**$113,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$6,000	
Masonry: Brick	73%			LIFE	* *	5	$47,000	
Metal/Glass Curt Wall	25%	2-4	$511,200	LIFE	* *	5	$30,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	98%			2041	* *	5	$23,500	
Glass Block	2%	2-4	$2,400	LIFE	* *	5	$300	
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$34,600	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$10,900	
Metal Rail	10%			2038	* *	5-10	$24,600	
Roof								
Built-Up (BUR)	98%			2030	* *	10	$73,400	
Copper/Terne	2%			2040	* *	10	$3,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,600	
Ceramic Tile	3%			2034	* *	5	$3,200	
Terrazzo	3%			LIFE	* *	5	$2,500	
Vinyl Tile	20%			2035	* *	3	$10,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	65%			2020	$758,500	3	$34,400	
Wood	4%	4+	$7,000	2053	* *	5	$4,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$5,300	
Concrete Masonry Unit	4%	2-4	$4,700	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	1%			LIFE	* *			
Plaster	60%	2-4	$25,700	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$26,300	
Exposed Concrete	55%			LIFE	* *	5	$9,000	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$9,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2051	* *	5	$300	
Molded Case Bkrs	10%			2045	* *	5	$200	
Raceway								
Conduit	85%			2025	$105,300	1		
Conduit	15%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	90%			2050	* *	5	$1,600	
Wiring								
Braided Cloth	80%	0-2	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	93%			2035	* *	10	$60,400	
Other Observation, Extent : Moderate, Area Affected : 98%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2020	$11,300	10		
Incandescent	5%			2020	$39,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$47,700	10	$8,500	
Exit, Service	50%			2020	$9,500	1		
Exterior Lighting								
HID	100%			2035	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$21,900	
Conversion Equipment								
Steam Boiler	100%	Now	$17,200	2023	$344,600	1	$63,100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Both Boilers								
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Tubes Of Both Boilers								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,900	2035	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Return Pump								
Terminal Devices								
Air Handler	20%			2025	$76,300	1	$8,800	
Convector/Radiator	80%			2030	* *	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2023	$109,100	1		
Recent Installation, Extent : Light, Area Affected : 65%								
Location : Throughout								
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,500	
Exhaust Fans								
Interior	80%			2025	$62,600	2	$1,700	
Roof	20%			2025	$11,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2025	$11,000	4	$600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2045	* *	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - M

Asset # : 1650

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$600	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 163 - Q**		
Address	: **159-01 59 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q163**
Program / Asset #	: **BOE0809.000 / 1532**	**Yr Built/Renovated**	: **1935 / 2003**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **6726** **Lot** : **70**	**BIN**	: **4146042**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$47,000	$53,900
Interior Architecture	$336,100	$224,100
Electrical	$1,064,400	$378,100
Mechanical		$456,000
Total	**$1,447,500**	**$1,112,000**
Importance Code A	$47,000	$53,900
Importance Code B	$1,327,500	$1,058,100
Importance Code C	$73,000	
Total	**$1,447,500**	**$1,112,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,100		$14,800	$10,600
Interior Architecture	$32,900	$2,700	$36,600	
Electrical	$11,300	$1,600	$36,300	$1,200
Mechanical	$16,800	$9,200	$14,100	$10,100
Total	**$79,200**	**$13,500**	**$101,800**	**$21,800**
Importance Code A	$23,900	$5,800	$20,700	$16,400
Importance Code B	$37,600	$7,700	$81,100	$5,500
Importance Code C	$17,700			
Total	**$79,200**	**$13,500**	**$101,800**	**$21,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$53,900	
Masonry: Granite	5%			LIFE	* *	5	$2,200	
Masonry: Limestone	5%	0-2	$18,100	LIFE	* *	5	$2,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Exit 7								
Windows								
Aluminum	100%			2040	* *	5	$21,100	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$7,200	
Masonry: Limestone	5%			LIFE	* *	5	$600	
Metal Rail	15%			2029	* *	5-10	$24,400	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$47,000	
Copper/Terne	5%			2052	* *	10	$6,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,600	
Ceramic Tile	3%	0-2	$15,300	2033	* *	5	$1,300	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : All Bathrooms								
Terrazzo	7%			LIFE	* *	5	$4,800	
Vinyl Tile	25%			2024	$186,000	3	$8,200	
Vinyl Tile	30%			2019	$223,200	3	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	30%			2039	* *	5	$49,200	
Interior Walls								
Ceramic Tile	3%	Now	$73,000	2039	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Toilet(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Toilet(s)								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	50%	4+	$17,700	LIFE	* *	5	$13,200	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Exit 7								
SGFT/Glazed Masonry	35%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$8,700	
AcousTileSusp.Lay-In	10%			2029	* *	5	$8,700	
Exposed Concrete	10%			LIFE	* *	5	$1,400	
Plaster	70%	0-2	$39,900	LIFE	* *	5	$38,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Exit 7								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : First Floor Corridor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$10,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$200	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	30%			2032	* *	5	$500	
Molded Case Bkrs	50%			2023	$52,300	5	$800	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Thermoplastic	90%			2024	$156,500	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	50%			2037	* *	5	$200	
Locally Mounted	50%			2022	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2019	$552,100	10	$45,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	2%			2024	$9,300	10		
Incandescent	3%			2019	$19,500	2		
Egress Lighting								
Emergency, Battery	50%			2019	$39,400	10	$7,100	
Exit, Service	50%			2019	$7,900	1		
Exterior Lighting								
HID	100%			2019	$215,300	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$500	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$206,600	1-3	$12,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$8,200	2034	* *	4	$2,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	10%			2024	$31,500	1	$3,600	
Convector/Radiator	70%			2029	* *	1	$13,200	
Fan Coil Unit/Heat	20%			2024	$175,100	1	$3,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 163 - Q

Asset # : 1532

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2022	$48,100	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,600	
Exhaust Fans								
Interior	90%			2024	$58,200	2	$1,600	
Roof	10%			2024	$4,600	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$174,600	1		
Water Heater								
Gas Fired	100%			2022	$13,600	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$800	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 164 - BK**		
Address	: **14 AVENUE & 42 STREET BTWN: 42 ST., 43 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K164**
Program / Asset #	: **BOE0464.000 / 1333**	**Yr Built/Renovated**	: **1910 / 2009**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**		
Block	: **5600** **Lot** : **1**	**BIN**	: **3135976**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$362,000	$114,700
Interior Architecture	$351,500	$781,700
Electrical	$277,100	$945,800
Mechanical		$1,516,000
Total	**$990,500**	**$3,358,100**
Importance Code A	$362,000	$151,700
Importance Code B	$455,500	$3,206,500
Importance Code C	$173,000	
Total	**$990,500**	**$3,358,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$68,700		$3,700	
Interior Architecture	$119,100		$1,200	$10,500
Electrical	$3,500	$900	$1,100	$1,700
Mechanical	$42,400	$12,700	$17,600	$10,800
Total	**$233,700**	**$13,500**	**$23,600**	**$23,000**
Importance Code A	$76,400	$7,600	$11,300	$7,600
Importance Code B	$109,700	$5,900	$12,300	$15,300
Importance Code C	$47,600			
Total	**$233,700**	**$13,500**	**$23,600**	**$23,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$67,200	
Masonry: Brick	80%			LIFE	* *	5	$229,300	
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Masonry: Granite	2%			LIFE	* *	5	$4,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Base Of Building								
Masonry: Limestone	15%	0-2	$130,400	LIFE	* *	5	$16,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance, 4th Fl Banding								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance, 4th Fl Banding								
Windows								
Aluminum	80%	2-4	$67,900	2048	* *	5	$16,200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Aluminum	20%			2042	* *	5	$8,100	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : First Floor Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Level								
Explanation : Protective Metal Grills								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$57,400	
Masonry: Limestone	10%			LIFE	* *	5-10	$12,800	
Metal Security Bars	10%			2041	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$17,500	2031	* *			
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2039	* *	10	$3,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2025	$29,500	3	$3,500	
Cast in Place Concrete	7%			LIFE	* *	5	$35,400	
Ceramic Tile	3%	Now	$6,700	2029	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%			2031	* *	5	$5,800	
Terrazzo	5%	2-4	$13,400	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	7%			2021	$68,700	3	$4,000	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	66%	Now	$64,800	2026	$648,000	3	$28,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : First Floor Corridor								
Wood	5%	4+	$9,500	2041	* *	5	$5,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%			2061	* *	5	$6,500	
Interior Walls								
Ceramic Tile	3%	Now	$11,900	2029	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	8%	4+	$6,900	LIFE	* *	5	$8,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Stairwells, Transom Windows In Corridors								
Masonry: Brick	10%			LIFE	* *	10	$4,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Foundation Walls								
Marble Panels	2%	Now	$22,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$173,000	LIFE	* *	5	$32,300	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Classrooms At Perimeter Walls And Stairwells A& B								
Plaster	2%			LIFE	* *	5-10	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Murals								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *	10	$23,100	
Plaster	90%			LIFE	* *	5-10	$178,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Upper Floor Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	4%			2025	$5,400	5	$100	
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Toggle Switch	1%	2-4	$1,300	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	80%			2025	$107,600	5	$1,600	
Molded Case Bkrs	10%			2034	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2026	$34,800	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$300	
Locally Mounted	30%			2031	* *	5	$200	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$65,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
LED	5%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$52,000	10	$9,300	
Exit, Service	50%			2026	$10,400	1		
Exterior Lighting								
HID	100%			2021	$283,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$68,100	1	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Doors								
Explanation : Intrusion Alarm Only; Motion Sensors And Panic Bars								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	2-4	$155,400	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System; Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	20%			2046	* *	4	$1,100	
Steam Piping/Pump	80%			2026	$430,900	4	$4,600	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%			2024	$655,800	1	$22,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Unit Heater-Stm/HW	10%			2021	$49,800	4	$1,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	10%			2031	* *			
Window/Wall Unit	80%			2021	$126,900	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,100	
Not in Service, Extent : Severe, Area Affected : 60%								
Location : Fan Room								
Exhaust Fans								
Interior	80%			2021	$68,200	2	$1,900	
Not in Service, Extent : Severe, Area Affected : 60%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	10%	0-2	$6,100	2036	* *	2	$200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Roof, Defective Toilet Exhaust Fan Systems								
Wall Unit	10%			2034	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Third And Fourth Floors								
Explanation : Units In The Library And Fourth Floor Classrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galv Iron/Steel	80%			2024	$184,300	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$17,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - BK

Asset # : 1333

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 164 - Q**
Address : **138-01 77 AVENUE**
Borough : **QUEENS**
Program / Asset # : **BOE0810.000 / 1533**
Area Sq Ft : **75,000**
Date of Survey : **25-Sep-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **6606** **Lot** : **2**

Agency's Number : **Q164**
Yr Built/Renovated : **1949 / 2009**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4142980**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$77,300	$56,000
Interior Architecture	$63,400	$35,700
Electrical	$675,300	$1,207,800
Mechanical		$299,400
Total	**$816,100**	**$1,598,900**
Importance Code A	$77,300	$93,000
Importance Code B	$738,700	$1,505,900
Total	**$816,100**	**$1,598,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,500		
Interior Architecture	$700	$23,700		$18,600
Electrical	$54,400	$900	$1,000	$25,000
Mechanical	$27,300	$11,500	$17,900	$65,000
Total	**$82,400**	**$43,600**	**$18,900**	**$108,600**
Importance Code A	$7,600	$15,100	$7,600	$7,800
Importance Code B	$74,800	$28,600	$11,300	$100,800
Importance Code C				
Total	**$82,400**	**$43,600**	**$18,900**	**$108,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$56,000	
Masonry: Limestone	10%			LIFE	* *	5	$5,300	
Granite Panels	10%			LIFE	* *	5	$5,300	
Windows								
Aluminum	95%			2041	* *	5	$24,800	
Glass Block	5%			LIFE	* *	5	$800	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,300	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$77,300	
Metal Panel	5%			2038	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,200	
Terrazzo	5%			LIFE	* *	5	$4,500	
Vinyl Tile	60%			2030	* *	3	$25,900	
Vinyl Tile	10%			2033	* *	3	$4,300	
Vinyl Tile 9" X 9"	5%			2020	$63,400	3	$2,900	
Wood	10%			2053	* *	5	$21,600	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$7,000	
Marble Panels	5%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$18,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$13,900	
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$35,700	
AcousTileSusp.Lay-In	5%			2038	* *	5	$5,700	
Exposed Concrete	20%			LIFE	* *	5	$3,600	
Plaster	50%			LIFE	* *	5	$35,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	* *	5	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Knife Sw	15%	2-4	$20,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	25%	2-4	$33,600	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	45%			2024	$60,500	5	$900	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$500	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$769,100	10	$63,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2025	$42,700	10	$3,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Fluorescent	2%			2033	* *	10	$1,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Stairways								
HID	1%			2020	$6,100	10		
Incandescent	2%			2020	$17,100	2		
Egress Lighting								
Emergency, Battery	50%			2025	$51,900	10	$9,300	
Exit, Service	50%			2025	$10,400	1		
Exterior Lighting								
Incandescent	100%			2020	$240,400	2	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$45,400	1	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$233,000	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$23,800	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$10,700	2035	* *	4	$3,800	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Explanation : Corrosion And Leaking At The Bottom Of The Feedback Tank								
Terminal Devices								
Air Handler	25%			2025	$103,700	1	$11,900	
Convector/Radiator	75%			2030	* *	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2025	$17,800	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Roof								
Window/Wall Unit	15%			2020	$23,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 164 - Q

Asset # : 1533

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2025	$80,800	2	$2,200	
Roof	5%			2025	$3,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2045	* *	1		
Galv Iron/Steel	50%			2023	$114,900	1		
Water Heater								
Gas Fired	100%			2020	$17,900	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2025	$23,900	4	$11,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 165 - BK**
Address : **76 LOTT AVENUE BTWN: HOPKINSON AVE., AMBOY ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K165**
Program / Asset # : **BOE0465.000 / 1334** | **Yr Built/Renovated** : **1912 / 2010**
Area Sq Ft : **62,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3622** **Lot** : **23** | **BIN** : **3082726**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$204,300	$149,600
Interior Architecture	$703,400	$59,700
Electrical	$208,000	$1,374,400
Mechanical	$44,500	$680,800
Total	**$1,160,200**	**$2,264,500**
Importance Code A	$204,300	$175,500
Importance Code B	$903,600	$2,089,000
Importance Code C	$52,300	
Total	**$1,160,200**	**$2,264,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,900	$16,100		
Interior Architecture	$39,900		$2,400	$10,400
Electrical	$1,100		$200	$700
Mechanical	$37,600	$9,900	$13,900	$8,800
Total	**$102,400**	**$26,000**	**$16,500**	**$19,900**
Importance Code A	$30,200	$22,400	$6,300	$6,300
Importance Code B	$65,900	$3,600	$10,200	$11,800
Importance Code C	$6,300			$1,800
Total	**$102,400**	**$26,000**	**$16,500**	**$19,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$87,200	
Masonry: Brick	95%			LIFE	* *	5	$212,000	
Windows								
Aluminum	100%			2048	* *	5	$32,100	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$64,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,100	
Roof								
Built-Up (BUR)	95%	Now	$17,300	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 401								
Copper/Terne	5%			2061	* *	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$62,600	
Ceramic Tile	5%			2035	* *	5	$4,800	
Terrazzo	3%			LIFE	* *	5	$4,500	
Vinyl Tile	20%			2034	* *	3	$7,200	
Vinyl Tile 9" X 9"	52%	Now	$546,800	2036	* *	3	$18,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium Stairs								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Stairs								
Wood	5%			2041	* *	5	$8,900	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,600	
Masonry: Brick	15%			LIFE	* *	10	$5,300	
Marble Panels	2%			LIFE	* *	10	$1,000	
Plaster	80%			LIFE	* *	5-10	$80,800	
Ceilings								
Plaster	95%			LIFE	* *	5-10	$155,900	
Plaster	5%			LIFE	* *	5-10	$8,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room - Basement								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	85%			2025	$114,400	5	$1,400	
Molded Case Bkrs	10%			2051	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	10%			2034	* *	10	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
Fluorescent	88%			2021	$623,400	10	$51,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	2%			2036	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 2%								
Location : Lobby								
Egress Lighting								
Emergency, Battery	50%			2026	$43,000	10	$7,700	
Exit, Service	50%			2026	$8,600	1		
Exterior Lighting								
HID	100%			2021	$234,200	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%	Now	$44,500	2036	* *	4	$3,100	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump Leaks And Noises								
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$68,800	1	$7,900	
Convector/Radiator	70%			2024	$421,700	1	$14,400	
Unit Heater-Stm/HW	10%			2026	$41,200	4	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$7,900	2021	$78,700	1		
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,300	
Exhaust Fans								
Interior	100%			2021	$70,500	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$14,800	2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - BK

Asset # : 1334

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	30%			2026	$3,300	4	$700	
Rigid Piping	70%			2034	* *	4	$1,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 165 - M**
Address : **234 WEST 109 STREET BTWN: AMSTERDAM AVE., BROADWAY**
Borough : **MANHATTAN** | **Agency's Number** : **M165**
Program / Asset # : **BOE0100.000 / 696** | **Yr Built/Renovated** : **1898 / 2006**
Area Sq Ft : **120,000** | **Project Type** : **EDUCATION**
Date of Survey : **26-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **1880** **Lot** : **13** | **BIN** : **1056676**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$880,100	$465,600
Interior Architecture	$593,600	$885,500
Electrical	$208,900	$363,300
Mechanical	$193,800	$1,658,100
Total	**$1,876,400**	**$3,372,400**
Importance Code A	$880,100	$465,600
Importance Code B	$664,000	$2,866,800
Importance Code C	$332,300	$40,000
Total	**$1,876,400**	**$3,372,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$98,800	$32,400		
Interior Architecture	$91,600		$2,800	$21,900
Electrical	$19,600	$1,300	$1,700	$1,300
Mechanical	$27,600	$18,300	$27,900	$20,500
Total	**$237,700**	**$52,000**	**$32,400**	**$43,700**
Importance Code A	$111,100	$44,600	$12,200	$12,200
Importance Code B	$72,300	$7,400	$20,200	$25,800
Importance Code C	$54,400			$5,800
Total	**$237,700**	**$52,000**	**$32,400**	**$43,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$358,300	
Masonry: Brick	80%	Now	$553,600	LIFE	* *	5	$183,500	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair D								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Corner Of Rooms 201, 301, 401 And 501, Foundation								
Masonry: Limestone	10%			LIFE	* *	5	$34,400	
Windows								
Aluminum	100%			2048	* *	5	$64,800	
Parapets								
Copper/Terne	60%			2061	* *	5	$48,700	
Masonry: Brick	20%			LIFE	* *	5-10	$23,000	
Masonry: Limestone	15%			LIFE	* *	5-10	$30,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$10,600	
Roof								
Built-Up (BUR)	35%	Now	$20,600	2026	$103,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium, Room 508b, Stair A/b, B/c								
Clay Tile	55%	Now	$147,300	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Snow Guards At East Side Of Roof								
Copper/Terne	10%	Now	$8,600	2054	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over First Floor Near Stair G								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$80,800	
Ceramic Tile	3%			2029	* *	5	$5,500	
Terrazzo	2%			LIFE	* *	5	$5,800	
Vinyl Tile	25%	Now	$117,800	2031	* *	3	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Vinyl Tile	45%			2026	$706,900	3	$41,600	
Wood	15%			2041	* *	5	$52,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$11,500	
Glass Block	2%			LIFE	* *	10	$1,800	
Masonry: Brick	15%	Now	$269,000	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Foundation								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Foundation								
Plaster	50%			LIFE	* *	5-10	$97,800	
Plaster	8%	Now	$29,500	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 301								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Room 301								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$23,000	
Ceilings								
AcousTileConcealSpLn	5%	0-2	$3,700	2031	* *	5	$5,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Exposed Concrete	10%			LIFE	* *	5-10	$23,100	
Plaster	85%	0-2	$103,100	LIFE	* *	5	$98,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 201, 301, 401, 407 Gymnasium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$500	
Raceway								
Conduit	70%			2026	$146,100	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$23,000	5	$200	
Locally Mounted	80%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$108,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$2,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2021	$19,700	10	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$83,200	10	$14,900	
Exit, Service	50%			2021	$16,600	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,500	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	Now	$2,500	2046	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Fuel Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 5,000 Gallon Tank For #2 Fuel Oil								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$122,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,100	
Terminal Devices								
Air Handler	20%			2021	$133,100	1	$15,300	
Convector/Radiator	70%	Now	$163,200	2024	$816,100	1	$25,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Traps And Valves Pass Steam								
Fan Coil Unit/Heat	10%			2026	$184,800	1	$4,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2024	$38,100	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$109,000	
Exhaust Fans								
Interior	50%			2021	$68,200	2	$1,900	
Roof	50%			2021	$49,100	2	$1,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$368,600	1		
Water Heater								
Gas Fired	100%			2021	$28,700	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 400 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Duplex Set, 1 Single Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - M

Asset # : 696

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100% *Location : Boiler Room* *Explanation : Serves Boiler Only*								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100% *Location : Throughout*								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 165 - Q**		
Address	: **70-35 150 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q165**
Program / Asset #	: **BOE0811.000 / 2738**	**Yr Built/Renovated**	: **1951 / 2007**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6697** **Lot** : **12**	**BIN**	: **4144881**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$89,600	$153,400
Interior Architecture	$1,222,100	
Electrical	$1,366,400	$248,500
Mechanical		$377,700
Total	**$2,678,000**	**$779,600**
Importance Code A	$126,600	$153,400
Importance Code B	$2,551,400	$626,100
Total	**$2,678,000**	**$779,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,700	$17,700		
Interior Architecture	$10,200	$1,600	$6,300	$10,200
Electrical	$900	$1,200	$1,000	$27,600
Mechanical	$13,300	$12,800	$20,900	$44,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$39,100**	**$37,200**	**$32,100**	**$86,300**
Importance Code A	$19,000	$26,100	$8,300	$8,300
Importance Code B	$20,000	$11,200	$20,600	$78,000
Importance Code C			$3,200	
Total	**$39,100**	**$37,200**	**$32,100**	**$86,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$68,900	
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Granite Panels	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	75%			2047	* *	5	$21,400	
Aluminum	25%	Now	$89,600	2047	* *	5	$3,600	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Auditorium And Gymnasium								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$12,900	
Metal Rail	10%			2038	* *	5-10	$29,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$10,200	
Roof								
Built-Up (BUR)	95%			2033	* *	10	$84,500	
Roll Roofing	5%			2021	$18,400	5	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Explanation : Roll Roofing Has Been Installed Over Existing Copper Terne Roof.								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2034	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	10%			2030	* *	3	$4,700	
Vinyl Tile 9" X 9"	65%			2020	$901,500	3	$40,900	
Wood	10%	Now	$41,500	2053	* *	5	$11,800	
Dry Rot/Decay, Extent : Severe, Area Affected : 15%								
Location : Around Water Fountain								
Ridging, Extent : Severe, Area Affected : 10%								
Location : Around Water Fountain								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%	0-2	$279,100	2038	* *	5	$25,000	
Adhesion Failure, Extent : Severe, Area Affected : 25%								
Location : Rm 120, 120a, 112, Corridors								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Exposed Concrete	50%			LIFE	* *	5	$9,800	
Plaster	10%			LIFE	* *	5	$7,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$37,000	2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each - On Extended Life								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$76,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Point Of Contact Not Visible; Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2020	$869,000	10	$71,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2030	* *	10	$2,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	2%			2025	$18,700	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	1%			2020	$6,700	10		
Incandescent	1%			2020	$9,300	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$309,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$26,100	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$83,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 165 - Q

Asset # : 2738

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2025	$113,400	1	$13,000	
Convector/Radiator	75%			2038	* *	1	$20,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2023	$121,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,900	
Exhaust Fans								
Interior	100%			2025	$93,000	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	2-4	$1,000	2023	$50,200	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2020	$19,600	2	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : The Unit Is Under Sized								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, S, 1, 2, 3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 166 - M**		
Address	: **132 WEST 89 STREET BTWN COLUMBUS AV - AMSTERDAM AV**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M166**
Program / Asset #	: **BOE0101.000 / 1652**	**Yr Built/Renovated**	: **1898 / 2010**
Area Sq Ft	: **73,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Jan-2014**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1219** **Lot** : **47**	**BIN**	: **1032308**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$265,600	$695,600
Interior Architecture	$542,400	$514,100
Electrical	$67,500	$154,900
Mechanical	$114,500	$260,600
Total	**$990,000**	**$1,625,200**
Importance Code A	$265,600	$695,600
Importance Code B	$621,600	$929,600
Importance Code C	$102,800	
Total	**$990,000**	**$1,625,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,300			
Interior Architecture	$98,200	$2,800		$9,100
Electrical	$5,100	$5,900	$5,100	$15,400
Mechanical	$24,400	$16,000	$22,000	$48,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$155,900**	**$29,600**	**$32,100**	**$78,000**
Importance Code A	$30,700	$7,400	$7,400	$7,600
Importance Code B	$67,400	$22,200	$24,600	$70,400
Importance Code C	$57,700			
Total	**$155,900**	**$29,600**	**$32,100**	**$78,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$327,000	
Masonry: Brick	55%			LIFE	* *	5	$76,700	
Metal Panel	15%			2045	* *	5-10	$143,900	
Windows								
Metal Louvers	5%			2034	* *	10	$12,300	
Wood	95%			2047	* *	5	$374,500	
Parapets								
Cast Stone/Terra Cotta	35%			LIFE	* *	5	$27,700	
Masonry: Brick	65%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	20%	Now	$39,100	2035	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 40%								
Location : At Penthouse Wall And Roof								
Vegetation Growth, Extent : Severe, Area Affected : 100%								
Location : Low Roof								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : At Penthouse								
Clay Tile	20%			2035	* *	10	$7,800	
IRMA/Protected Membrane	30%	Now	$20,400	2030	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	30%	Now	$2,900	2038	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%	Now	$3,800	LIFE	* *	5	$36,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	2-4	$5,900	2034	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Throughout								
Terrazzo	5%	2-4	$14,300	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Throughout								
Vinyl Tile	40%	2-4	$8,400	2025	$417,600	3	$16,900	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : First Floor Throughout								
Vinyl Tile 9" X 9"	25%	Now	$101,400	2020	$338,100	3	$10,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$8,100	2053	* *	5	$10,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 3%								
Location : Throughout								
Interior Walls								
Ceramic Tile	20%	Now	$16,900	2034	* *	5	$14,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Gypsum Board	5%			LIFE	* *	5	$4,200	
Masonry: Brick	5%	4+	$29,800	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Basement Tank Room								
Explanation : Mold And Mildew Evident								
Masonry: Fieldstone	10%	Now	$102,800	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Storage Room								
Explanation : Water Penetration								
Marble Panels	5%			LIFE	* *			
Plaster	45%	Now	$11,000	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$5,600	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$59,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	60%			2045	* *	1		
Conduit	40%			2025	$54,100	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	90%			2041	* *	5	$1,700	
Wiring								
Thermoplastic	60%			2045	* *	1		
Thermoplastic	40%			2025	$76,000	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$300	
Locally Mounted	30%			2023	$24,800	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$22,500	
Generators								
Diesel	100%			2034	* *	1	$28,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Basement								
Explanation : One100 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,600	5	$16,300	
Fuel Storage								
Day Tank	50%			2041	* *	5	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Basement								
Explanation : One 100 Gallon Tank								
Main Tank	50%			2053	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Tank								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$67,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10		
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$114,500	2035	* *	4	$3,700	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Vacuum Pump, And 1 Pump Out Of Service, Boiler Room								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Steam Not Reaching Kitchen Air Handler Coils								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2030	* *	1	$18,600	
Convector/Radiator	40%			2030	* *	1	$9,700	
Unit Heater-Stm/HW	20%			2025	$106,000	4	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - M

Asset # : 1652

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2023	$105,600	2	$500	
Window/Wall Unit	10%			2020	$16,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,900	
Exhaust Fans								
Interior	80%			2030	* *	2	$1,800	
Roof	20%			2025	$13,000	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$49,000	1		
Water Heater								
Gas Fired	100%			2023	$19,100	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$12,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$12,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$39,300	
Sprinkler								
No Component	85%							
Generic	15%			2051	* *	1-2	$3,200	
Chemical System								
Generic	100%			2023	$28,500	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 166 - Q**		
Address	: **33-09 35 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q166**
Program / Asset #	: **BOE0812.000 / 192**	**Yr Built/Renovated**	: **1937 / 2001**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **610** **Lot** : **1**	**BIN**	: **4008220**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$365,900
Interior Architecture	$88,800	$60,100
Electrical	$208,900	$1,965,500
Mechanical	$287,500	$647,000
Total	**$585,100**	**$3,038,400**
Importance Code A		$365,900
Importance Code B	$585,100	$2,672,500
Total	**$585,100**	**$3,038,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,800	$18,200		$43,300
Interior Architecture	$1,000	$49,700	$4,900	$1,000
Electrical	$18,000	$10,100	$9,300	$65,900
Mechanical	$28,900	$33,700	$33,500	$32,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$64,600**	**$115,600**	**$51,600**	**$147,100**
Importance Code A	$23,400	$28,800	$10,700	$54,200
Importance Code B	$41,200	$86,800	$38,500	$92,900
Importance Code C			$2,400	
Total	**$64,600**	**$115,600**	**$51,600**	**$147,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$60,600	
Masonry: Brick Cavity	30%			LIFE	* *	5	$33,100	
Masonry: Granite	3%			LIFE	* *	5	$2,500	
Masonry: Limestone	12%			LIFE	* *	5	$9,900	
Windows								
Aluminum	95%			2041	* *	5	$37,000	
Metal Louvers	5%			2034	* *	10	$12,200	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$8,300	
Masonry: Brick Cavity	20%			LIFE	* *	5	$3,300	
Masonry: Limestone	15%			LIFE	* *	5	$3,100	
Metal Panel	5%	Now	$12,800	2045	* *	5	$1,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25% *Location : Over Bulkhead*								
Metal Rail	10%			2038	* *	5-10	$29,900	
Roof								
Built-Up (BUR)	60%			2025	$250,500	10	$54,700	
Copper/Terne	5%			2040	* *	10	$11,400	
Modified Bitumen	35%			2030	* *	10	$31,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,600	
Ceramic Tile	3%			2034	* *	5	$4,800	
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	80%			2030	* *	3	$48,400	
Vinyl Tile 9" X 9"	5%			2020	$88,800	3	$4,000	
Wood	5%			2053	* *	5	$15,100	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$4,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,500	
Gypsum Board	20%			LIFE	* *	5	$19,500	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$19,500	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2038	* *	5	$20,000	
AcousTileSusp.Lay-In	20%			2038	* *	5	$32,000	
Gypsum Board	5%			LIFE	* *	5	$10,000	
Metal Panel	5%			LIFE	* *	5	$10,000	
Plaster	60%			LIFE	* *	5	$60,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	10%			2045	* *	5		
Molded Case Bkrs	90%			2045	* *	5	$2,500	
Raceway								
Conduit	70%			2025	$146,100	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$200	
Molded Case Bkrs	30%			2041	* *	5	$800	
Molded Case Bkrs	60%			2024	$107,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	30%			2038	* *	5	$200	
Locally Mounted	20%			2030	* *	5	$100	
Motor Control Center	50%			2038	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Painted								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$32,300	
Generators								
Diesel	100%			2034	* *	1	$40,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Genset Rated @ 250 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$23,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2041	* *	5	$10,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 96 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 265 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	30%			2030	* *	10	$29,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	69%			2025	$825,500	10	$68,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
HID	1%			2025	$8,600	10		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$13,000	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$396,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$95,300	1	$11,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$326,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$106,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$37,600	2035	* *	4	$5,300	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$116,200	1	$13,300	
Air Handler	20%			2030	* *	1	$13,300	
Convector/Radiator	40%			2023	$407,000	1	$13,900	
Convector/Radiator	10%			2038	* *	1	$3,500	
Fan Coil Unit/Heat	10%			2020	$161,300	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$15,000	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Penthouse								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Scroll Type Compressors For New Wing								
Ext Pkg Unit - Cooling	5%			2025	$24,900	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Old Wing Roof								
Window/Wall Unit	40%			2020	$88,600	1		
No Component	25%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$2,400	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$20,000	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2030	* *	2	$22,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,100	
Exhaust Fans								
Interior	50%			2025	$59,500	2	$1,700	
Roof	50%			2030	* *	2	$1,700	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 166 - Q

Asset # : 192

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	Now	$1,300	2023	$64,300	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : One Water Main In Basement								
Water Heater								
Gas Fired	100%			2023	$25,100	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Basement								
Explanation : 1 Unit								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$16,300	
Sprinkler								
No Component	70%							
Generic	30%			2045	* *	1-2	$9,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 167 - BK**				
Address	: **1025 EASTERN PKWY @ SCHENECTADY AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K167**
Program / Asset #	: **BOE0467.000 / 1336**			**Yr Built/Renovated**	: **1911 / 2008**
Area Sq Ft	: **75,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Sep-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1389**	**Lot**	: **35**	**BIN**	: **3037303**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$253,800	$206,500
Interior Architecture	$1,547,800	$50,500
Electrical	$1,386,100	$187,100
Mechanical	$212,300	$1,167,700
Total	**$3,400,000**	**$1,611,800**
Importance Code A	$253,800	$206,500
Importance Code B	$2,969,600	$1,405,300
Importance Code C	$176,500	
Total	**$3,400,000**	**$1,611,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,600			$2,000
Interior Architecture	$135,300			$11,500
Electrical	$11,100	$900	$1,300	$20,800
Mechanical	$29,200	$10,700	$16,800	$35,000
Total	**$228,100**	**$11,600**	**$18,100**	**$69,400**
Importance Code A	$60,300	$7,600	$7,600	$9,600
Importance Code B	$139,200	$3,900	$10,500	$59,700
Importance Code C	$28,700			
Total	**$228,100**	**$11,600**	**$18,100**	**$69,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$80,800	LIFE	* *	5	$35,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,000	
Masonry: Brick	80%	2-4	$173,000	LIFE	* *	5	$114,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$10,800	
Windows								
Aluminum	100%			2047	* *	5	$40,500	
Parapets								
Masonry: Brick	95%	2-4	$28,800	LIFE	* *	5	$10,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	98%	Now	$3,600	2030	* *			
Drains Clogged, Extent : Light, Area Affected : 20%								
Location : Throughout								
Copper/Terne	2%			2040	* *	10	$2,000	
Interior								
Floors								
Ceramic Tile	5%	0-2	$11,200	2028	* *	5	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Vestibule(s)								
Quarry Tile	5%	2-4	$16,600	2038	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$26,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 1st Floor								
Vinyl Tile	15%	2-4	$14,700	2030	* *	3	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	65%	2-4	$248,000	2020	$826,700	3	$28,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	5%	2-4	$190,400	2065	* *	5	$5,400	
Split/Cracked, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$39,700	2028	* *	5	$7,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,800	
Masonry: Brick	5%	Now	$56,100	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Foundation Wall								
Marble Panels	5%	2-4	$28,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	2-4	$80,700	LIFE	* *	5	$30,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	20%	2-4	$18,700	2030	* *	5	$14,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%	2-4	$18,600	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	2-4	$106,100	LIFE	* *	5	$50,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairs								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	50%			2047	* *	5	$1,000	
Molded Case Bkrs	45%			2024	$60,500	5	$900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$147,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2042	* *	5	$400	
Recent Installation, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Locally Mounted	20%			2023	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	10%			2033	* *	10	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	90%			2020	$771,200	10	$63,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2020	$52,000	10	$9,300	
Exit, Service	50%			2020	$10,400	1		
Exterior Lighting								
HID	100%			2020	$283,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$68,100	1	$8,400	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$538,700	4	$5,700	
Terminal Devices								
Air Handler	10%	Now	$2,100	2020	$41,600	1	$4,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Coil								
Convector/Radiator	80%			2023	$583,000	1	$19,900	
Fan Coil Unit/Heat	10%			2020	$115,500	1	$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$15,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$13,300	LIFE	* *	2-5	$43,000	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Storage Room, Basement								
Exhaust Fans								
Interior	10%			2020	$8,500	2	$200	
Roof	90%	Now	$1,100	2020	$55,200	2	$1,700	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$46,100	1		
Water Heater								
Gas Fired	100%			2024	$17,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 167 - BK

Asset # : 1336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$18,000	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 169 - BK**		
Address	: **4305 7TH AVE. @43RD STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K169**
Program / Asset #	: **BOE0468.000 / 10**	**Yr Built/Renovated**	: **1915 / 1999**
Area Sq Ft	: **103,383**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **732** **Lot** : **1**	**BIN**	: **3011002**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$49,800	$245,100
Interior Architecture	$452,000	$107,300
Electrical	$268,600	$1,813,200
Mechanical	$324,900	$452,300
Total	**$1,095,200**	**$2,617,900**
Importance Code A	$49,800	$287,100
Importance Code B	$1,045,400	$2,295,100
Importance Code C		$35,700
Total	**$1,095,200**	**$2,617,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,600	$11,800	$27,900	
Interior Architecture	$8,900	$22,400	$8,600	$4,400
Electrical	$4,100	$22,000	$3,600	$2,900
Mechanical	$17,500	$38,000	$24,200	$14,500
Total	**$35,100**	**$94,300**	**$64,300**	**$21,800**
Importance Code A	$14,600	$22,100	$37,900	$10,000
Importance Code B	$15,500	$72,200	$26,300	$11,800
Importance Code C	$5,000			
Total	**$35,100**	**$94,300**	**$64,300**	**$21,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$77,200	
Masonry: Brick	75%			LIFE	* *	5	$148,200	
Masonry: Brick	10%			LIFE	* *	5	$19,800	
Masonry: Granite	3%			LIFE	* *	5	$4,400	
Masonry: Limestone	5%			LIFE	* *	5	$7,400	
Metal Panel	2%			2043	* *	5-10	$27,200	
Windows								
Aluminum	100%			2039	* *	5	$55,800	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$9,000	
Masonry: Brick	80%			LIFE	* *	5	$11,600	
Metal Security Bars	10%			2051	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$1,800	
Roof								
Built-Up (BUR)	90%			2028	* *	10	$49,800	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Main Roof								
IRMA/Protected Membrane	8%			2028	* *	10	$4,400	
Roll Roofing	2%	Now	$4,600	2025	$4,600	5	$900	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,400	
Ceramic Tile	5%	Now	$154,200	2038	* *	5	$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Ceramic Tile	5%			2032	* *	5	$8,000	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	22%	Now	$297,700	2033	* *	3	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
Explanation : 9x9 Tiles								
Vinyl Tile	43%			2028	* *	3	$25,700	
Wood	15%			2038	* *	5	$44,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$9,900	
Gypsum Board	7%			LIFE	* *	5	$8,300	
Masonry: Brick	9%			LIFE	* *			
Marble Panels	4%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$35,700	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	8%			2036	* *	5	$12,700	
Exposed Concrete	15%			LIFE	* *	5	$3,700	
Gypsum Board	5%			LIFE	* *	5	$9,900	
Plaster	72%			LIFE	* *	5	$71,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$400	
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$400	
Molded Case Bkrs	75%			2022	$134,500	5	$2,000	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$600	
Locally Mounted	20%			2036	* *	5	$100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$1,063,100	10	$87,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	6%			2028	* *	10	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	2%			2023	$17,000	10	$100	
Incandescent	2%			2023	$23,600	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$12,800	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$11,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$19,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	10%			2043	* *	1		
Interruptible Gas/Dual Fuel	90%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	10%			2028	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : New Wing Basement								
Explanation : 1 Unit								
Steam Boiler	90%			2036	* *	1	$94,800	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Main Building Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	90%			2033	* *	4	$7,100	
No Component	10%							
Terminal Devices								
Air Handler	15%			2018	$86,000	1	$9,900	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Basement								
Explanation : The Blowers Are Not Used, Although They Are Functional, Due To Enough Heat In Auditorium And Gym								
Convector/Radiator	60%			2028	* *	1	$20,600	
Fan Coil Unit/Heat	15%			2018	$238,800	1	$5,200	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2024	$211,800	2	$700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : New Wing Basement								
Explanation : 1 Unit								
Window/Wall Unit	50%			2021	$109,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,300	
Exhaust Fans								
Interior	20%			2018	$23,500	2	$700	
Roof	80%			2023	$67,600	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$63,500	1		
Water Heater								
Gas Fired	100%			2021	$24,700	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - BK

Asset # : 10

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$6,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$24,800	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 169 - M (ECF) (SIE VII)**				
Address	: **110 EAST 88 STREET @PARK AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M169**	
Program / Asset #	: **BOE0103.000 / 1654**		**Yr Built/Renovated**	: **1973 /**	
Area Sq Ft	: **62,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **30-Nov-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1516**	**Lot** : **7**	**BIN**	: **1048043**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$593,300	$59,700
Interior Architecture	$313,700	$41,900
Electrical	$985,500	$837,300
Mechanical	$56,300	$1,968,400
Total	**$1,948,800**	**$2,907,400**
Importance Code A	$649,700	$378,500
Importance Code B	$1,202,200	$2,528,900
Importance Code C	$96,900	
Total	**$1,948,800**	**$2,907,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,200		$13,500	
Interior Architecture	$16,000	$3,600	$4,500	$9,200
Electrical	$12,500	$2,500	$39,900	$2,100
Mechanical	$92,200	$24,900	$75,100	$23,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$171,800**	**$40,900**	**$142,800**	**$44,600**
Importance Code A	$41,200		$19,500	
Importance Code B	$123,800	$38,700	$123,300	$44,600
Importance Code C	$6,800	$2,100		
Total	**$171,800**	**$40,900**	**$142,800**	**$44,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$15,700	
Masonry: Brick	95%	Now	$540,700	LIFE	* *	5	$59,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Facade Along Ramp To Garage								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : East Side Below Apartments								
Spalling, Extent : Severe, Area Affected : 15%								
Location : East Side Below Apartments								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Facade Along 87th Street								
Windows								
Aluminum	95%	Now	$52,600	2040	* *	5	$6,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Room 316, Throughout								
Metal Louvers	5%			2033	* *	10	$4,100	
Parapets								
Cast in Place Concrete	35%	0-2	$6,400	LIFE	* *	5	$20,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Interior Face								
Masonry: Brick	20%			LIFE	* *	5	$1,200	
Masonry: Limestone	20%			LIFE	* *	5	$1,500	
Metal Rail	25%			2037	* *	5-10	$26,100	
Roof								
Built-Up (BUR)	32%			2029	* *	10	$13,500	
Metal Panel	3%			2037	* *	10	$2,300	
Traffic Topping	65%	2-4	$16,600	2029	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Around Drains In Play Yard								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$21,000	
Ceramic Tile	3%			2033	* *	5	$2,900	
Terrazzo	5%			LIFE	* *	5	$3,700	
Vinyl Tile	77%			2029	* *	3	$36,900	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Wood	5%			2039	* *	5	$9,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$4,200	
Concrete Masonry Unit	10%	Now	$56,500	LIFE	* *	5	$3,400	
Diagonal Cracks, Extent : Severe, Area Affected : 15%								
Location : Staircase C								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Staircase C								
Folding Partition	2%	Now	$40,500	2040	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Multipurpose Room								
Plaster	43%			LIFE	* *	5	$10,900	
Plaster	10%	Now	$6,800	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Room 129								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 129 And 128, Psychologist Office								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	70%	Now	$216,800	2037	* *	5	$41,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Clinical Services, Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Clinical Services, Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Clinical Services, Throughout								
Exposed Concrete	5%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor								
Explanation : Waffle Slab Construction								
Fiber Board	5%			2024	$31,300			
Plaster	20%			LIFE	* *	5	$12,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amps & 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 200 Amps Main Disconnect Switch For Emergency								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2022	$15,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 480hv-208/120lv And Two 30 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2023	$20,200	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,300	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Thermoplastic	95%			2024	$165,200	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2022	$7,600	5		
Motor Control Center	90%			2022	$263,300	5	$1,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2019	$661,000	10	$54,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	2%			2032	* *	10	$1,200	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Fluorescent	2%			2029	* *	10	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices								
Explanation : T-8 Lamps								
Incandescent	3%			2019	$21,300	2		
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,500	
Emergency, Battery	40%			2019	$34,500	10	$6,200	
Exit, Service	50%			2019	$8,600	1		
Exterior Lighting								
HID	100%			2019	$234,200	10	$200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$7,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$11,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Radiant Heater	100%	Now	$56,300	2024	$281,700	2	$23,700	
Damaged, Extent : Severe, Area Affected : 50%								
Location : First And Second Floor Classrooms								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Above Ceiling								
Explanation : Electric Duct Heater								
Terminal Devices								
Air Handler	50%	Now	$34,500	2024	$172,500	1	$17,800	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Penhouse Mechanical Room And Ground Floor Fan Room, Defective Economizer Dampers, Defective Electric Duct Heaters								
Convector/Radiator	25%	Now	$30,200	2029	* *	1	$4,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Classrooms, Defective Electric Radiant Heater, Defective Pneumatic Controls								
Fan Coil Unit/Heat	25%	Now	$4,800	2024	$239,500	1	$4,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Classroom, Glycol Leaking On Some Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	0-2	$10,900	2024	$217,200	1	$26,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Room, Defective Controls On 1 Of 4 Compressors								
Explanation : (2) 100 Ton Trane Split Chiller With Packaged Interior Condensing Unit								
Distribution								
Chilled Wtr Pipe/Pump	100%			2034	* *	4	$4,700	
Terminal Devices								
Air Handler/Cool/Ht	50%			2024	$253,200	1	$19,800	
Fan Coil - Cool/Heat	50%			2024	$605,700	1	$10,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 169 - M (ECF) (SIE VII)

Asset # : 1654

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	100%			2024	$127,800	2	$44,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,700	
Exhaust Fans								
Interior	100%			2024	$70,700	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Thoughout, Defective Damper Actuators								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$3,800	2034	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Sprinkler Room Near Garage, Corroded Main Water Supply Isolation Valve								
Water Heater								
Electric	100%			2019	$9,900	4	$400	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : 750 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) Sub Basement - 5, (1) B - 1								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2034	* *	1-5	$32,300	
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$900	
Chemical System								
Dry	100%			2019	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 169 - Q**		
Address	: **18-25 212 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q169**
Program / Asset #	: **BOE0814.000 / 1534**	**Yr Built/Renovated**	: **1957 / 2009**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5865** **Lot** : **50**	**BIN**	: **4131147**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$554,400
Interior Architecture	$1,041,800	
Electrical	$499,400	$1,140,600
Mechanical	$159,000	$538,200
Total	**$1,700,200**	**$2,233,200**
Importance Code A	$37,000	$938,900
Importance Code B	$1,663,200	$1,294,300
Total	**$1,700,200**	**$2,233,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,600	$7,700		
Interior Architecture	$44,600		$3,600	$17,400
Electrical	$23,800	$1,100	$1,100	$20,900
Mechanical	$27,600	$13,500	$23,500	$41,200
Total	**$129,600**	**$22,300**	**$28,200**	**$79,400**
Importance Code A	$52,800	$15,500	$7,800	$7,800
Importance Code B	$76,800	$6,800	$18,600	$71,600
Importance Code C			$1,800	
Total	**$129,600**	**$22,300**	**$28,200**	**$79,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$16,800	
Masonry: Brick Cavity	45%			LIFE	* *	5	$32,300	
Masonry: Brick Cavity	45%			LIFE	* *	5	$32,300	
Granite Panels	3%			LIFE	* *	5	$1,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,700	
Windows								
Aluminum	90%			2047	* *	5	$24,100	
Glass Block	10%			LIFE	* *	5	$1,700	
Parapets								
Masonry: Brick Cavity	35%			LIFE	* *	5	$5,300	
Masonry: Brick Cavity	40%			LIFE	* *	5	$6,100	
Metal Rail	20%			2042	* *	5-10	$54,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,800	
Roof								
Built-Up (BUR)	30%			2025	$114,800	10	$25,100	
IRMA/Protected Membrane	50%			2025	$333,100	10	$41,800	
Metal Panel	5%			2038	* *	10	$7,700	
Modified Bitumen	15%			2033	* *	10	$12,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Auditorium								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,100	
Ceramic Tile	3%			2034	* *	5	$3,500	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile 9" X 9"	80%			2020	$1,041,800	3	$47,300	
Wood	5%			2040	* *	5	$11,100	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Glass: Single Pane	2%			LIFE	* *	5	$1,800	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,600	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%	Now	$32,800	2030	* *	5	$17,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Exposed Concrete	50%			LIFE	* *	5	$9,200	
Metal Panel	10%			LIFE	* *	5	$14,700	
Plaster	10%			LIFE	* *	5	$7,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$37,000	2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 200 Amperes Each - Both Are On Extended Life								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$13,500	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	60%	2-4	$80,700	2050	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	25%			2024	$33,600	5	$500	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	95%	2-4	$165,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$500	
Locally Mounted	10%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2025	$824,700	10	$68,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2025	$26,300	10	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent Fixtures								
Fluorescent	2%			2030	* *	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	1%			2020	$8,800	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$69,900	1	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$24,500	
Conversion Equipment								
Steam Boiler	100%	Now	$19,200	2023	$384,500	1	$70,400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Burner Of #1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$55,200	2035	* *	4	$3,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2025	$106,500	1	$12,200	
Convector/Radiator	75%			2030	* *	1	$19,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$53,600	2035	* *	1	$6,600	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Auditorium Fan Room								
Obsolete Equipment, Extent : Severe, Area Affected : 20%								
Location : Auditorium Fan Room								
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Auditorium Fan Room								
Window/Wall Unit	10%			2020	$16,200	1		
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2025	$20,100	1	$9,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,000	
Exhaust Fans								
Interior	20%	Now	$1,700	2025	$17,500	2	$400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Auditorium								
Explanation : No Ventilation For Auditorium								
Roof	80%	Now	$50,200	2035	* *	2	$1,500	
Not in Service, Extent : Severe, Area Affected : 80%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$47,200	1		
Water Heater								
Gas Fired	100%			2025	$18,400	2	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 169 - Q

Asset # : 1534

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$27,700	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 170 - BK**		
Address	: **7109 6TH AVE. BTWN: 71 ST, 72 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K170**
Program / Asset #	: **BOE0469.000 / 8**	**Yr Built/Renovated**	: **1915 / 2015**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5899** **Lot** : **1**	**BIN**	: **3146921**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$150,500	$107,100
Interior Architecture	$536,000	$651,400
Electrical	$104,300	$526,400
Mechanical		$782,700
Total	**$790,800**	**$2,067,700**
Importance Code A	$150,500	$107,100
Importance Code B	$516,400	$1,960,500
Importance Code C	$123,900	
Total	**$790,800**	**$2,067,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,100			
Interior Architecture	$22,100			$8,500
Electrical	$7,500	$200	$200	$600
Mechanical	$28,100	$10,100	$13,900	$8,600
Total	**$110,900**	**$10,200**	**$14,100**	**$17,700**
Importance Code A	$59,200	$6,000	$6,000	$6,000
Importance Code B	$51,700	$4,200	$8,100	$11,700
Importance Code C				
Total	**$110,900**	**$10,200**	**$14,100**	**$17,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$35,200	
Masonry: Brick	95%			LIFE	* *	5	$214,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$5,100	
Windows								
Aluminum	100%			2042	* *	5	$31,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$23,400	
Masonry: Brick	90%			LIFE	* *	5-10	$50,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2031	* *	10	$31,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Terrazzo	5%	Now	$10,600	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	15%	Now	$11,600	2031	* *	3	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%	Now	$180,100	2021	$600,300	3	$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	20%	4+	$119,800	2041	* *	5	$17,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	15%	Now	$46,800	2029	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$77,100	LIFE	* *	5	$28,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%	2-4	$58,500	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	90%	0-2	$53,600	LIFE	* *	5	$51,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$14,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Molded Case Bkrs	70%			2025	$73,200	5	$1,100	
Molded Case Bkrs	20%			2048	* *	5	$300	
Wiring								
Braided Cloth	60%	2-4	$104,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2026	$52,200	1		
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$53,400	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	45%			2021	$36,800	10	$6,600	
Emergency, Battery	5%			2036	* *	10	$700	
Exit, Service	50%			2021	$8,200	1		
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$60,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2026	$423,700	4	$4,500	
Terminal Devices								
Air Handler	20%			2026	$65,400	1	$7,500	
Convector/Radiator	80%			2031	* *	1	$15,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2021	$112,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BK

Asset # : 8

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$181,200	1		
Water Heater								
Gas Fired	100%			2024	$14,100	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 170 - BX**		
Address	: **1594-98 TOWNSEND AVE. @ MT. EDEN AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X170**
Program / Asset #	: **BOE0979.000 / 4142**	**Yr Built/Renovated**	: **1993 / 2002**
Area Sq Ft	: **42,092**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2847** **Lot** : **41**	**BIN**	: **2103870**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$521,000	$61,000
Interior Architecture	$130,000	$50,200
Electrical		$36,700
Mechanical		$390,200
Total	**$650,900**	**$538,200**
Importance Code A	$521,000	$266,000
Importance Code B	$130,000	$272,200
Total	**$650,900**	**$538,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,200		$25,700	
Interior Architecture	$67,100		$20,300	$3,400
Electrical	$6,800	$2,900	$3,400	$4,400
Mechanical	$31,100	$17,700	$16,200	$19,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$154,200**	**$24,600**	**$69,600**	**$31,600**
Importance Code A	$49,400	$4,200	$29,800	$4,200
Importance Code B	$83,500	$20,400	$39,700	$26,700
Importance Code C	$21,200			$700
Total	**$154,200**	**$24,600**	**$69,600**	**$31,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$67,300	
Masonry: Brick Cavity	85%	Now	$228,900	LIFE	* *	5	$61,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper Section Of West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Upper Section Of West Facade, Bulkheads								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Metal Coiling Doors	5%			2039	* *	5	$11,200	
Windows								
Aluminum	100%			2042	* *	5	$21,800	
Parapets								
Masonry: Brick	85%	Now	$35,900	LIFE	* *	5	$3,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : West Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Interior Face Of West Facade								
Metal: Cage/Fence	10%			2039	* *	5-10	$2,800	
Pre-Cast Concrete	5%	Now	$700	LIFE	* *	5	$1,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	15%			2031	* *	10	$30,100	
IRMA/Protected Membrane	80%	Now	$256,200	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : 1993 Wing								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : 1993 Wing								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : New Addition								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Metal Panel	5%			2039	* *	10	$18,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Ceramic Tile	5%			2035	* *	5	$5,400	
Quarry Tile	5%			2039	* *	5	$8,000	
Vinyl Tile	82%			2031	* *	3	$32,900	
Wood	3%			2061	* *	5	$6,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$1,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$3,400	
Gypsum Board	50%			LIFE	* *	5-10	$23,800	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileConcealSpLn	75%	Now	$130,000	2039	* *	5	$50,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2039	* *	5	$10,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Gypsum Board	10%			LIFE	* *	5-10	$36,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500a Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400a For Emergency (ats)								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$13,000	
Generators								
Diesel	100%			2035	* *	1	$16,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One100 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$1,600	
Fuel Storage								
Day Tank	50%			2042	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 30 Gals								
Main Tank	50%			2054	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$36,700	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2036	* *	10	$1,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Multipurpose Room								
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil # 2, 3000 Gallons Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2024	$204,900	1	$41,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$2,100	
Terminal Devices								
Air Handler	25%			2026	$56,700	1	$6,500	
Convector/Radiator	70%			2031	* *	1	$9,500	
Fan Coil Unit/Heat	5%			2031	* *	1	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	90%			2026	$128,600	1	$17,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$300	
Distribution								
Chilled Wtr Pipe/Pump	90%			2046	* *	4	$2,800	
No Component	10%							
Terminal Devices								
Fan Coil - Cool/Heat	5%			2031	* *	1	$700	
No Component	95%							
Heat Rejection								
Remote Air Cond	10%			2026	$25,100	2	$2,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,200	
Exhaust Fans								
Interior	10%			2026	$4,700	2	$100	
Roof	90%			2026	$30,100	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2036	* *	1		
Galv Iron/Steel	80%			2031	* *	1		
Water Heater								
Gas Fired	100%			2026	$9,800	2	$600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Heaters								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 170 - BX

Asset # : 4142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Travels From Basement : 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$21,200	
Sprinkler								
No Component	40%							
Generic	60%			2036	* *	1-2	$7,100	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 171 - M**				
Address	: **19 EAST 103 STREET BTWN: 5 AVE., MADISON AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M171**	
Program / Asset #	: **BOE0104.000 / 1655**		**Yr Built/Renovated**	: **1900 / 2011**	
Area Sq Ft	: **95,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **02-Oct-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1609**	**Lot** : **7**	**BIN**	: **1051497**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,245,000	$367,100
Interior Architecture	$1,872,100	$513,600
Electrical	$204,400	$1,172,400
Mechanical		$1,824,800
Total	**$3,321,500**	**$3,877,900**
Importance Code A	$1,245,000	$404,100
Importance Code B	$1,437,200	$3,335,100
Importance Code C	$639,300	$138,800
Total	**$3,321,500**	**$3,877,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100			
Interior Architecture	$59,500		$4,600	$13,700
Electrical	$2,500	$1,700	$1,400	$1,700
Mechanical	$111,100	$13,300	$13,800	$12,900
Total	**$206,200**	**$15,000**	**$19,700**	**$28,300**
Importance Code A	$42,800	$9,700	$9,700	$9,700
Importance Code B	$157,000	$5,300	$10,100	$18,600
Importance Code C	$6,400			
Total	**$206,200**	**$15,000**	**$19,700**	**$28,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$90,800	
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$425,500	
Masonry: Brick	60%	Now	$657,400	LIFE	* *	5	$108,900	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : West Facade, Where Adjacent Museum Roof Structure Meets Brick Wall Of School								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : West Facade At 103rd St, East And West Air Shafts								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : West Facade At 103rd St, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : East Facade, West Facade								
Masonry: Limestone	20%			LIFE	* *	5	$54,500	
Windows								
Aluminum	98%	Now	$210,700	2034	* *	5	$25,100	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Limited Ventilation Throughout								
Glass Block	2%			LIFE	* *	5	$1,300	
Roof								
Asphalt Macadam	15%	Now	$5,200	2031	* *	5	$2,500	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 103 Parking Lot & 104 St Play Yard								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 103 Parking Lot & 104 St Play Yard - Access Doors And Grills Flood Basement Below								
Clay Tile	70%	Now	$118,700	2046	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Scuppers - West Façade, Room 315, Roof Drains Throughout								
Copper/Terne	5%			2041	* *	10	$6,400	
Skylight, Metal/Glass	10%			2036	* *	10	$16,900	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$30,400	LIFE	* *	5	$32,000	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Basement, North East Wing								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement, North East Wing								
Ceramic Tile	5%	Now	$56,700	2029	* *	5	$3,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$11,400	
Vinyl Tile	25%	Now	$62,200	2026	$310,900	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vinyl Tile 9" X 9"	50%	2-4	$805,600	2036	* *	3	$27,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Corridors, Stairs, Classrooms								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout Corridors, Stairs, Classrooms								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : Throughout Corridors, Stairs, Classrooms								
Wood	5%	Now	$241,200	2066	* *	5	$6,900	
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout Gym								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout Gym								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout Gym								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2022	$100,500	5	$3,600	
Ceramic Tile	3%	Now	$150,800	2041	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Stairwells								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Boys And Girls Bathrooms								
Masonry: Brick	20%	Now	$284,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : At Waste Line Wall Penetration, East Wing								
Plaster	70%	Now	$204,500	LIFE	* *	5	$38,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 3rd And 4th Floor Classrooms, Stairwells, Corridors								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$4,600	
Ceilings								
AcousTile,Adhered	25%	Now	$17,000	2031	* *	5	$18,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	5%			2039	* *	5	$9,100	
Plaster	70%	Now	$67,200	LIFE	* *	5	$64,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 600 Amps Main Disconnect Switch With New Enclosure Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Enclosure Panel Is New								
Raceway								
Conduit	85%			2026	$146,700	1		
Conduit	15%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	40%			2025	$71,800	5	$1,000	
Molded Case Bkrs	50%			2048	* *	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$89,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$65,900	10	$11,800	
Exit, Service	50%			2026	$13,200	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$10,600	
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2021	$590,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 8,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$96,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$34,100	2026	$682,300	4	$4,800	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Book Storage Room								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats, Various Locations								
Terminal Devices								
Convector/Radiator	70%	Now	$32,300	2024	$646,100	1	$19,900	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2021	$292,600	1	$6,300	
Unit Heater-Stm/HW	10%			2026	$63,100	4	$1,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Gym								
Explanation : Insufficient Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$140,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$12,900	
No Component	85%							
Exhaust Fans								
Interior	15%	Now	$800	2021	$16,200	2	$400	
Not in Service, Extent : Moderate, Area Affected : 40%								
Location : Interior, Bathrooms								
No Component	85%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - M

Asset # : 1655

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$14,600	2036	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : 104 St. Water Main, Basement								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Booster Pumps								
Water Heater								
Gas Fired	100%			2024	$22,700	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - 250 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$10,600	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Storm Drain At 103rd St. Parking Lot								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Duplex Sets								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$22,800	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 171 - Q**		
Address	: **14-14 29 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q171**
Program / Asset #	: **BOE0815.000 / 1535**	**Yr Built/Renovated**	: **1952 / 1999**
Area Sq Ft	: **134,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **537** **Lot** : **14**	**BIN**	: **4006046**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$600,300	$169,600
Interior Architecture	$1,312,000	
Electrical	$746,400	$2,352,900
Mechanical	$84,800	$504,500
Total	**$2,743,500**	**$3,027,100**
Importance Code A	$600,300	$211,600
Importance Code B	$2,143,200	$2,815,400
Total	**$2,743,500**	**$3,027,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,700		$20,500	
Interior Architecture	$5,100	$60,900	$800	$6,400
Electrical	$1,500	$38,600	$5,500	$6,300
Mechanical	$50,300	$52,500	$32,100	$19,300
Total	**$63,600**	**$152,000**	**$58,900**	**$32,000**
Importance Code A	$20,000	$13,900	$34,100	$13,600
Importance Code B	$43,500	$138,100	$24,800	$18,400
Importance Code C				
Total	**$63,600**	**$152,000**	**$58,900**	**$32,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%	Now	$347,300	LIFE	* *	5	$115,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Granite	3%			LIFE	* *	5	$2,800	
Masonry: Limestone	5%	Now	$136,700	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Bulkhead								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Bulkhead								
Windows								
Aluminum	88%			2039	* *	5	$41,000	
Bronze/Brass	10%			2031	* *	5	$29,100	
Metal Louvers	2%			2032	* *	10	$5,800	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$23,800	
Masonry: Limestone	10%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	80%			2028	* *	10	$116,300	
Built-Up (BUR)	5%	Now	$6,700	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Roof Over Mechanical Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Room 235a								
Copper/Terne	15%			2051	* *	10	$54,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$31,500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%			2032	* *	5	$10,300	
Terrazzo	5%			LIFE	* *	5	$8,000	
Vinyl Tile	3%			2031	* *	3	$2,300	
Vinyl Tile	75%			2018	$1,312,000	3	$57,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2058	* *	5	$19,300	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,300	
Metal Panel	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$34,200	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2028	* *	5	$63,900	
AcousTileConcealSpLn	5%			2040	* *	5	$12,800	
Exposed Concrete	60%			LIFE	* *	5	$19,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 235a								
Plaster	10%			LIFE	* *	5	$12,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Electrical Services Rated @ 600 Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2049	* *	5	$3,500	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$200	
Molded Case Bkrs	95%			2045	* *	5	$3,400	
Wiring								
Braided Cloth	95%	2-4	$330,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Connected To Main Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2023	$1,343,600	10	$110,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2031	* *	10	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
HID	1%			2018	$11,000	10		
Incandescent	1%			2018	$15,300	2		
Egress Lighting								
Emergency, Battery	25%			2028	* *	10	$8,300	
Exit, Service	75%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$506,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$416,400	2033	* *	1-3	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment System, Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$42,600	
Conversion Equipment								
Steam Boiler	100%	Now	$13,400	2028	* *	1	$122,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Tubes Of #2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 171 - Q

Asset # : 1535

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$19,200	2033	* *	4	$6,800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Tank, Boiler Room								
Terminal Devices								
Air Handler	30%			2023	$222,300	1	$25,500	
Convector/Radiator	70%			2028	* *	1	$31,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$84,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$76,600	
Exhaust Fans								
Interior	100%			2023	$151,900	2	$4,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$82,100	1		
Water Heater								
Gas Fired	100%			2021	$32,000	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$48,100	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 172 - BK**		
Address	: **825 4TH AVE. BTWN: 29 ST. - 30 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K172**
Program / Asset #	: **BOE0471.000 / 9**	**Yr Built/Renovated**	: **1914 / 2000**
Area Sq Ft	: **47,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **669** **Lot** : **1**	**BIN**	: **3009847**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$370,600	$244,700
Interior Architecture		$764,300
Electrical	$219,100	$1,039,900
Mechanical	$144,900	$739,400
Total	**$734,600**	**$2,788,400**
Importance Code A	$370,600	$244,700
Importance Code B	$364,000	$2,295,000
Importance Code C		$248,600
Total	**$734,600**	**$2,788,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,400	$18,500	$11,400	
Interior Architecture	$37,100	$4,500	$1,400	$6,800
Electrical	$1,100	$16,700	$1,400	$1,600
Mechanical	$7,000	$9,300	$12,000	$7,400
Total	**$88,600**	**$49,000**	**$26,100**	**$15,800**
Importance Code A	$48,200	$23,400	$16,200	$4,800
Importance Code B	$40,400	$25,600	$9,900	$11,000
Importance Code C				
Total	**$88,600**	**$49,000**	**$26,100**	**$15,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$60,000	
Masonry: Brick	80%	Now	$370,600	LIFE	* *	5	$61,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 301								
Masonry: Limestone	5%	Now	$21,000	LIFE	* *	5	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$26,400	
Windows								
Aluminum	100%			2039	* *	5	$22,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,600	
Masonry: Brick	90%			LIFE	* *	5	$8,900	
Roof								
Built-Up (BUR)	65%	Now	$22,500	2023	$112,300			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Modified Bitumen	30%			2028	* *	10	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Auditorium								
Explanation : Roof Is Covered With Rubber Pads								
Modified Bitumen	5%			2023	$11,000	10	$1,900	
Interior								
Floors								
Ceramic Tile	3%			2026	$42,100	5	$2,200	
Quarry Tile	2%			2028	* *	5	$2,200	
Vinyl Tile	15%			2028	* *	3	$4,100	
Vinyl Tile	70%			2023	$430,700	3	$25,300	
Vinyl Tile	5%	Now	$30,800	2033	* *	3	$1,400	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Multi Purpose Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Multi Purpose Room								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$6,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2026	$248,600	5	$9,000	
Masonry: Brick	7%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$21,600	
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Classrooms 301, 302 And The Walls Along 29th Street								
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	$3,600	
Plaster	95%			LIFE	* *	5	$43,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch No Available Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$122,200	5	$200	
Raceway								
Conduit	80%			2023	$55,600	1		
Conduit	10%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	90%			2022	$94,200	5	$1,100	
Molded Case Bkrs	10%			2039	* *	5	$100	
Wiring								
Braided Cloth	80%	2-4	$73,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$36,300	5	$300	
Locally Mounted	20%			2036	* *	5	$100	
Ground								
Grounding Devices								
Metal Water Pipe	100%			2021	$9,500	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : In Room B-2 Trap Door.								
Explanation : Ground Connection.								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	10%			2028	* *	10	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	88%			2023	$472,600	10	$39,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2018	$10,700	2		
Egress Lighting								
Emergency, Battery	50%			2023	$32,600	10	$5,800	
Exit, Service	50%			2023	$6,500	1		
Exterior Lighting								
HID	100%			2023	$177,500	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$42,700	1	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$146,000	2033	* *	1-3	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment, Fire Alarm Control Panel, Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$47,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2023	$337,600	4	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 172 - BK

Asset # : 9

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2018	$39,100	1	$4,500	
Convector/Radiator	80%			2021	$365,300	1	$12,500	
Fan Coil Unit/Heat	5%			2018	$36,200	1	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2018	$69,600	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$27,000	
Exhaust Fans								
Interior	5%			2018	$2,700	2	$100	
Roof	95%			2023	$36,500	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	$11,200	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$11,300	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 173 - M**		
Address	: **306 FORT WASHINGTON AVENUE @ W. 173 STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M173**
Program / Asset #	: **BOE0105.000 / 1656**	**Yr Built/Renovated**	: **1926 / 2012**
Area Sq Ft	: **113,200**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Apr-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2142** **Lot** : **154**	**BIN**	: **1063503**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$87,000	$174,000
Interior Architecture	$1,113,600	$166,300
Electrical	$187,300	$2,186,600
Mechanical	$40,500	$511,500
Total	**$1,428,500**	**$3,038,500**
Importance Code A	$87,000	$195,000
Importance Code B	$1,341,500	$2,801,400
Importance Code C		$42,000
Total	**$1,428,500**	**$3,038,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,500			
Interior Architecture	$36,600	$4,300	$16,300	$16,300
Electrical	$46,400	$11,700	$13,400	$10,600
Mechanical	$98,200	$18,500	$55,500	$19,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$192,700**	**$39,500**	**$90,200**	**$51,500**
Importance Code A	$18,000	$11,500	$11,700	$11,500
Importance Code B	$174,700	$28,000	$78,500	$40,000
Total	**$192,700**	**$39,500**	**$90,200**	**$51,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	* *	5	$19,200	
Masonry: Brick	70%			LIFE	* *	5	$89,400	
Masonry: Limestone	8%			LIFE	* *	5	$7,700	
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Masonry: Marble	2%			LIFE	* *	5	$1,900	
Windows								
Aluminum	95%	0-2	$87,000	2040	* *	5	$20,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,400	
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$2,200	
Masonry: Brick	75%			LIFE	* *	5	$11,200	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Roof								
IRMA/Protected Membrane	80%			2034	* *	10	$65,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout 2012								
IRMA/Protected Membrane	20%	0-2	$6,500	2029	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$38,000	
Ceramic Tile	5%			2033	* *	5	$8,700	
Vinyl Tile	20%	0-2	$14,800	2029	* *	3	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	0-2	$162,600	2019	$812,800	3	$35,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	10%			2039	* *	5	$32,600	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$10,500	
Plaster	60%			LIFE	* *	5	$31,500	
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	0-2	$80,300	2044	* *	5	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$14,000	2037	* *	5	$8,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	0-2	$43,200	LIFE	* *	5	$10,800	
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	10%	0-2	$22,700	LIFE	* *	5	$10,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%			LIFE	* *	5	$75,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2034	* *	5	$200	
Fused Knife Sw	50%	2-4	$97,700	2054	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	50%			2024	$104,300	1		
Conduit	50%			2034	* *	1		
Panelboards								
Molded Case Bkrs	30%			2032	* *	5	$900	
Molded Case Bkrs	70%			2023	$125,600	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	$89,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2034	* *	1		
Motor Controllers								
Locally Mounted	30%			2029	* *	5	$200	
Locally Mounted	60%			2022	$69,100	5	$500	
Locally Mounted	10%	2-4	$11,500	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$34,800	
Generators								
Natural Gas	100%			2027	* *	1	$43,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 83.8 Kva								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$25,200	
Fuel Storage								
Main Tank	100%			2039	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$1,289,900	10	$106,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Exit, Service	60%			2024	$18,800	1		
Exit, Battery	40%			2024	$42,800	10	$3,100	
Exterior Lighting								
HID	100%			2024	$427,500	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$8,500	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2034	* *	1-3	$20,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$115,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$40,500	2034	* *	4	$5,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$6,300	2024	$125,200	1	$12,900	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Control System								
Convector/Radiator	60%	Now	$32,900	2029	* *	1	$20,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Fan Coil Unit/Heat	20%	Now	$34,800	2024	$347,700	1	$6,800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$23,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$19,400	
No Component	70%							
Exhaust Fans								
Interior	30%			2024	$38,500	2	$1,100	
Not Accessible	70%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - M

Asset # : 1656

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$27,000	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$8,100	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	50%							
Generic	50%			2044	* *	1-5	$30,400	
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,600	
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Hdr-25 Dc								
No Component	80%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 173 - Q**		
Address	: **67 AVE & FRESH MEADOW LANE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q173**
Program / Asset #	: **BOE0817.000 / 1509**	**Yr Built/Renovated**	: **1949 / 2002**
Area Sq Ft	: **82,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6927** **Lot** : **22**	**BIN**	: **4149690**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$77,900	$61,600
Interior Architecture	$907,000	$82,200
Electrical	$214,700	$1,985,600
Mechanical	$111,300	$800,600
Total	**$1,310,900**	**$2,930,000**
Importance Code A	$77,900	$473,600
Importance Code B	$1,233,000	$2,456,400
Total	**$1,310,900**	**$2,930,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$11,200
Interior Architecture	$10,300	$800	$3,200	$22,200
Electrical	$23,600	$1,100	$1,600	$9,000
Mechanical	$18,000	$31,600	$18,700	$28,400
Total	**$51,900**	**$33,500**	**$23,500**	**$70,700**
Importance Code A	$8,400	$8,400	$8,400	$19,700
Importance Code B	$43,500	$25,100	$15,200	$51,000
Importance Code C				
Total	**$51,900**	**$33,500**	**$23,500**	**$70,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$61,600	
Masonry: Granite	5%			LIFE	* *	5	$2,900	
Masonry: Limestone	10%			LIFE	* *	5	$5,800	
Slate Panels	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	95%			2041	* *	5	$27,200	
Glass Block	5%			LIFE	* *	5	$900	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$14,600	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Roof								
Built-Up (BUR)	95%	Now	$77,900	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : North Side								
Copper/Terne	5%			2040	* *	10	$11,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,700	
Ceramic Tile	5%			2034	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	5%			2033	* *	3	$2,400	
Vinyl Tile 9" X 9"	65%			2020	$907,000	3	$41,200	
Wood	10%			2040	* *	5	$23,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$21,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	75%			LIFE	* *	5	$14,700	
Fiber Board	10%			2025	$82,200			
Plaster	15%			LIFE	* *	5	$11,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Disconnect Switches Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$2,200	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	70%			2025	$120,800	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Knife Sw	20%	2-4	$35,900	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 1, 2 Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	60%			2024	$107,600	5	$1,300	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$52,900	5	$400	
Locally Mounted	30%	2-4	$22,700	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$893,100	10	$73,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2020	$6,800	10		
Incandescent	4%			2025	$37,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$57,100	10	$10,200	
Exit, Service	50%			2025	$11,400	1		
Exterior Lighting								
HID	100%			2025	$311,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$74,900	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$256,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station, Strobe Lights And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$208,400	5	$26,200	
Conversion Equipment								
Steam Boiler	100%			2023	$412,000	1	$83,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$59,100	2035	* *	4	$4,200	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Thermostats								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2025	$91,300	1	$10,500	
Convector/Radiator	80%			2030	* *	1	$21,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$52,200	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	95%			2025	$88,900	2	$2,500	
Roof	5%			2020	$3,400	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2018	$19,700	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2025	$26,300	4	$12,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 173 - Q

Asset # : 1509

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2045	* *	1-2	$500	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 174 - BK**		
Address	: **574 DUMONT AVENUE BTWN: WILLIAMS AVE., ALABAMA A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K174**
Program / Asset #	: **BOE0472.000 / 1338**	**Yr Built/Renovated**	: **1913 / 2010**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3802** **Lot** : **15**	**BIN**	: **3084617**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,170,400	$209,500
Interior Architecture	$473,800	$891,500
Electrical	$147,800	$841,900
Mechanical	$148,400	$402,200
Total	**$1,940,400**	**$2,345,100**
Importance Code A	$1,170,400	$209,500
Importance Code B	$588,800	$2,098,700
Importance Code C	$181,200	$36,800
Total	**$1,940,400**	**$2,345,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,000			
Interior Architecture	$105,600			$14,500
Electrical	$1,900	$600	$900	$1,500
Mechanical	$46,500	$16,400	$22,200	$20,000
Total	**$155,000**	**$17,000**	**$23,100**	**$35,900**
Importance Code A	$9,200	$8,100	$8,100	$8,100
Importance Code B	$115,200	$8,800	$14,900	$27,800
Importance Code C	$30,700			
Total	**$155,000**	**$17,000**	**$23,100**	**$35,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$71,700	
Masonry: Brick	87%	Now	$401,400	LIFE	* *	5	$133,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Chimney								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Chimney								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : North Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	Now	$45,200	LIFE	* *	5	$5,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$83,500	LIFE	* *	5	$5,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	100%	Now	$543,100	2042	* *	5	$21,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$61,400	LIFE	* *	5	$10,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$1,000	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2031	* *	10	$40,700	
Copper/Terne	5%			2054	* *	10	$5,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,900	
Ceramic Tile	3%			2035	* *	5	$3,700	
Mosaic Tile	2%			2031	* *	5	$6,200	
Terrazzo	3%	Now	$8,600	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$76,400	2036	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Vinyl Tile	10%	Now	$31,400	2026	$104,700	3	$4,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	65%			2026	$680,700	3	$40,000	
Vinyl Tile 9" X 9"	7%	Now	$95,000	2036	* *	3	$3,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$19,200	
Ceramic Tile	2%	Now	$8,500	2035	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$6,100	
Glass: Single Pane	5%	Now	$46,100	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	3%	Now	$36,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$98,400	LIFE	* *	5	$36,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$11,500	2039	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%			LIFE	* *	5-10	$190,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	75%			2025	$100,900	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$147,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$300	
Locally Mounted	50%			2024	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$75,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$9,900	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$302,100	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$48,400	1	$6,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$165,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 78,000 Gal Tank Using # 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$81,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$57,500	2036	* *	4	$4,100	
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Thermostats At Various Locations								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$88,700	1	$10,200	
Convector/Radiator	80%			2031	* *	1	$21,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2021	$67,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,600	
Exhaust Fans								
Interior	100%	Now	$91,000	2036	* *	2	$2,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Has Not Been Working For 20 Years - In Basement								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - BK

Asset # : 1338

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$245,800	1		
Water Heater								
Gas Fired	100%			2024	$19,100	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2031	* *	1	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$500	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 174 - Q**
Address : **65-10 DIETERLE CRESCENT**
Borough : **QUEENS**
Program / Asset # : **BOE0818.000 / 1510**
Area Sq Ft : **71,000**
Date of Survey : **30-Oct-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **3134** **Lot** : **24**

Agency's Number : **Q174**
Yr Built/Renovated : **1949 / 2003**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4073904**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$143,600	$211,700
Interior Architecture	$240,200	$47,400
Electrical	$485,500	$690,800
Mechanical	$50,900	$557,100
Total	**$920,100**	**$1,507,100**
Importance Code A	$143,600	$603,300
Importance Code B	$776,500	$903,800
Total	**$920,100**	**$1,507,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,600			
Interior Architecture	$2,700	$9,800	$1,600	$16,000
Electrical	$34,200	$800	$1,100	$7,900
Mechanical	$24,000	$13,800	$20,000	$70,600
Total	**$69,500**	**$24,400**	**$22,700**	**$94,400**
Importance Code A	$15,800	$7,200	$7,200	$7,400
Importance Code B	$53,600	$17,200	$13,900	$87,100
Importance Code C			$1,600	
Total	**$69,500**	**$24,400**	**$22,700**	**$94,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$47,200	
Masonry: Granite	5%			LIFE	* *	5	$2,000	
Masonry: Limestone	3%	Now	$8,600	LIFE	* *	5	$1,200	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%								
Location : Tower								
Masonry: Limestone	2%			LIFE	* *	5	$800	
Windows								
Aluminum	25%	Now	$46,000	2041	* *	5	$2,700	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Gymnasium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Auditorium								
Wood	75%			2041	* *	5	$164,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$17,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,200	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$97,600	
Copper/Terne	5%			2053	* *	10	$12,800	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$16,700	
Ceramic Tile	3%			2028	* *	5	$3,300	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	60%			2030	* *	3	$24,500	
Vinyl Tile 9" X 9"	20%			2020	$240,200	3	$10,900	
Wood	5%			2040	* *	5	$10,200	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,300	
Marble Panels	2%			LIFE	* *			
Plaster	68%			LIFE	* *	5	$22,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$8,800	
Ceilings								
AcousTile,Adhered	15%			2030	* *	5	$16,200	
Exposed Concrete	15%			LIFE	* *	5	$2,500	
Plaster	70%			LIFE	* *	5	$47,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$6,700	2050	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	20%	2-4	$26,900	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Molded Case Bkrs	65%			2024	$87,400	5	$1,200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$65,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
HID	2%			2025	$11,600	10		
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$7,000	
Exit, Service	60%			2030	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	50%			2025	$113,800	10	$3,200	
HID	50%			2025	$134,100	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$43,000	1	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm System Is Functional And Tied-in To Central Monitoring Station								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$220,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Alarm System Is Old But Still Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$22,600	
Conversion Equipment								
Steam Boiler	100%			2023	$354,600	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$50,900	2035	* *	4	$3,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$78,500	1	$9,000	
Convector/Radiator	80%			2030	* *	1	$18,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$15,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 174 - Q

Asset # : 1510

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2025	$80,500	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$43,500	1		
HW Heat Exchanger								
Low Temp	100%			2025	$22,600	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,000	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 175 - BX**
Address : **200 CITY ISLAND AVENUE BTWN: WINTERS ST., CENTRE ST.**
Borough : **BRONX** | **Agency's Number** : **X175**
Program / Asset # : **BOE0303.000 / 365** | **Yr Built/Renovated** : **1975 / 2015**
Area Sq Ft : **47,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,ph**
Block : **5641** **Lot** : **280** **BIN** : **2082444**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,400	$57,400
Electrical		$582,500
Mechanical		$649,000
Total	**$38,400**	**$1,288,900**
Importance Code A	$38,400	$293,600
Importance Code B		$995,300
Total	**$38,400**	**$1,288,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,600	$4,000		
Interior Architecture	$102,800	$7,300	$12,000	$3,400
Electrical	$7,100	$500	$700	$1,000
Mechanical	$35,000	$14,200	$13,400	$15,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$193,400**	**$30,000**	**$30,000**	**$23,800**
Importance Code A	$49,300	$8,800	$4,800	$4,800
Importance Code B	$110,300	$21,200	$25,200	$17,400
Importance Code C	$33,700			$1,600
Total	**$193,400**	**$30,000**	**$30,000**	**$23,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$52,300	
Metal Panel	20%			2052	* *	5-10	$45,000	
Windows								
Aluminum	100%			2048	* *	5	$8,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$45,000	
Metal Panel	20%			2052	* *	5	$6,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,500	
Roof								
Built-Up (BUR)	90%			2034	* *	10	$57,400	
Copper/Terne	10%			2061	* *	10	$16,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,900	
Ceramic Tile	5%			2035	* *	5	$3,600	
Quarry Tile	5%			2039	* *	5	$5,400	
Slate	15%			LIFE	* *	5	$23,100	
Vinyl Tile	45%			2031	* *	3	$12,300	
Vinyl Tile	20%			2034	* *	3	$5,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Wood	5%			2054	* *	5	$6,800	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$3,200	
Concrete Masonry Unit	40%			LIFE	* *	5	$20,600	
Gypsum Board	20%			LIFE	* *	5-10	$21,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Masonry: Brick	15%			LIFE	* *	10	$2,900	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$6,400	
Ceilings								
AcousTileConcealSpLn	30%			2031	* *	5	$27,200	
AcousTileSusp.Lay-In	20%			2043	* *	5	$14,500	
Exposed Concrete	25%			LIFE	* *	5-10	$22,700	
Exposed Struc: Steel	15%			LIFE	* *	10	$21,800	
Plaster	10%			LIFE	* *	5-10	$12,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$18,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200a & One 800a Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$97,700	5	$200	
Fused Disc Sw	20%			2056	* *	5		
Raceway								
Conduit	90%			2026	$62,500	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Fused Disc Sw	5%			2051	* *	5	$100	
Molded Case Bkrs	65%			2025	$68,000	5	$800	
Molded Case Bkrs	20%			2051	* *	5	$200	
Wiring								
Thermoplastic	90%			2026	$82,200	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	40%			2024	$18,100	5	$100	
Locally Mounted	50%			2031	* *	5	$200	
Motor Control Center	10%			2024	$100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	5%			2021	$26,900	10	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Hallway								
Explanation : T-12 Lamps								
Fluorescent	10%			2036	* *	10	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways & Boiler Room								
Explanation : Cfl Compact Fluorescent Light Fixtures								
Fluorescent	85%			2036	* *	10	$37,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Thtroughout The Building								
Explanation : T-8 Lamps								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	30%			2021	$19,600	10	$3,500	
Emergency, Battery	20%			2036	* *	10	$2,300	
Exit, Service	40%			2021	$5,200	1		
Exit, Service	10%			2036	* *	1		
Exterior Lighting								
HID	80%			2021	$142,000	10	$100	
HID	20%			2036	* *	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$42,700	1	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$4,700	2024	$236,100	1	$43,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : #2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%	0-2	$2,400	2034	* *	4	$500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Steam Piping/Pump	80%			2036	* *	4	$1,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	40%			2026	$104,600	1	$12,000	
Convector/Radiator	50%			2031	* *	1	$7,800	
Fan Coil Unit/Heat	10%			2026	$72,600	1	$1,600	
Air Conditioning								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	$49,400	1	$6,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Ext Pkg Unit - Cooling	50%			2031	* *	2	$1,500	
R-22 Refrigerant, Extent : Light, Area Affected : 50%								
Location : Roof								
Window/Wall Unit	5%			2021	$5,000	1		
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2036	* *	4	$700	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$65,300	1	$6,000	
Fan Coil - Cool/Heat	10%			2026	$78,100	1	$1,600	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2026	$24,700	2	$10,100	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,800	
Exhaust Fans								
Interior	80%			2026	$42,900	2	$1,200	
Roof	20%			2026	$7,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$7,200	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$4,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - BX

Asset # : 365

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$24,500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$700	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 175 - M (P175M-SIE VII)**		
Address	**: 175 WEST 134 STREET**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M175**
Program / Asset #	**: BOE0106.000 / 1657**	**Yr Built/Renovated**	**: 1958 / 2008**
Area Sq Ft	**: 85,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 29-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 1919 Lot : 6**	**BIN**	**: 1058248**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$298,900	$71,400
Interior Architecture	$724,400	$817,300
Electrical	$268,700	$2,052,000
Mechanical	$593,800	$826,800
Total	**$1,885,800**	**$3,767,500**
Importance Code A	$723,400	$108,400
Importance Code B	$933,900	$3,659,000
Importance Code C	$228,500	
Total	**$1,885,800**	**$3,767,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,500			
Interior Architecture	$35,800	$3,300		$13,900
Electrical	$24,500	$2,900	$25,700	$1,700
Mechanical	$38,700	$17,900	$39,300	$14,400
Total	**$109,600**	**$24,000**	**$64,900**	**$29,900**
Importance Code A	$10,500	$8,600	$8,800	$8,600
Importance Code B	$99,000	$15,400	$56,100	$21,300
Importance Code C				
Total	**$109,600**	**$24,000**	**$64,900**	**$29,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$107,700	LIFE	* *	5	$71,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,000	
Stucco Cement	5%			2037	* *	5	$9,900	
Windows								
Aluminum	95%	0-2	$117,600	2040	* *	5	$14,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$900	
Parapets								
Masonry: Brick	10%			LIFE	* *	5	$1,700	
Masonry: Limestone	65%			LIFE	* *	5	$13,700	
Metal Rail	25%	0-2	$5,600	2037	* *	5	$29,700	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	Now	$73,500	2032	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$6,500	
Patching Evident, Extent : Moderate, Area Affected : 2%								
Location : Toilet Rooms								
Vinyl Tile	70%	0-2	$38,800	2024	$776,800	3	$34,300	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	15%			2029	* *	3	$9,800	
Wood	10%	Now	$215,200	2039	* *	5	$12,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	5%			LIFE	* *			
Mosaic Tile	15%	Now	$101,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Lobby								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Lobby								
Plaster	55%			LIFE	* *	5	$21,700	
SGFT/Glazed Masonry	25%	Now	$127,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Stair 1-2								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Stair 1 - 2, Between 2nd And 3rd Floors								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$7,900	2029	* *	5	$12,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	45%	Now	$187,700	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Entrance And Bulkhead At Stair 5								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Metal Panel	25%	0-2	$54,100	LIFE	* *	5	$40,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	15%	0-2	$25,500	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Service Switches Rated @ 800 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$171,100	5	$2,200	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,800	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$400	
Locally Mounted	30%	0-2	$22,700	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$871,700	10	$72,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2029	* *	10	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms, Corridors								
Explanation : T-8 Lamps And Compact Fluorescents								
HID	1%			2019	$7,000	10		
Incandescent	4%			2019	$38,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$21,400	1		
Exit, Service	50%			2019	$11,800	1		
Exterior Lighting								
HID	100%			2024	$321,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$51,400	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2024	$176,100	1-3	$10,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$27,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$424,500	2044	* *	1	$77,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,400	2034	* *	4	$4,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Condensate Pump & Condensate Lines								
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2024	$117,500	1	$13,500	
Convector/Radiator	75%	Now	$61,800	2022	$617,700	1	$19,000	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Traps, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2019	$107,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,600	
Exhaust Fans								
Interior	95%			2024	$91,600	2	$2,500	
Roof	5%			2024	$3,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2034	* *	1		
Galv Iron/Steel	90%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 175 - M (P175M-SIE VII)

Asset # : 1657

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 175 - Q**		
Address	: **64-35 102 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q175**
Program / Asset #	: **BOE0819.000 / 1511**	**Yr Built/Renovated**	: **1951 /**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,PH**		
Block	: **2128** **Lot** : **14**	**BIN**	: **4051200**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$346,000	$72,700
Interior Architecture	$245,500	$695,800
Electrical	$1,395,600	$357,300
Mechanical	$409,500	$90,700
Total	**$2,396,500**	**$1,216,500**
Importance Code A	$755,500	$91,200
Importance Code B	$1,395,600	$1,125,300
Importance Code C	$245,500	
Total	**$2,396,500**	**$1,216,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,500			$13,300
Interior Architecture	$38,300	$10,200	$12,200	$3,600
Electrical	$2,100	$2,800	$13,100	$2,000
Mechanical	$5,700	$15,400	$79,100	$16,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$75,600**	**$32,300**	**$108,300**	**$39,000**
Importance Code A	$25,500	$8,300	$8,400	$21,700
Importance Code B	$48,200	$24,000	$99,900	$17,300
Importance Code C	$1,900			
Total	**$75,600**	**$32,300**	**$108,300**	**$39,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	2-4	$219,400	LIFE	* *	5	$72,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	93%			2040	* *	5	$26,500	
Glass Block	2%			LIFE	* *	5	$400	
Steel	5%			2032	* *	5	$17,800	
Parapets								
Masonry: Brick	90%	2-4	$42,000	LIFE	* *	5	$14,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	2-4	$8,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2029	* *	10	$84,500	
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Over Elevator Shaft								
Metal Panel	5%			2037	* *	10	$8,200	
Interior								
Floors								
Carpet	2%	Now	$32,100	2026	$32,100	3	$3,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Wrinkling, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Cast in Place Concrete	5%			LIFE	* *	5	$13,800	
Ceramic Tile	3%			2027	* *	5	$3,800	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	15%			2029	* *	3	$9,400	
Vinyl Tile	65%			2024	$695,800	3	$30,700	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2039	* *	5	$11,800	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Plaster	67%			LIFE	* *	5	$25,500	
SGFT/Glazed Masonry	25%	2-4	$245,500	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout Corridors And Cafeteria								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$6,300	
AcousTileSusp.Lay-In	5%			2029	* *	5	$6,300	
Exposed Concrete	75%			LIFE	* *	5	$14,700	
Plaster	15%			LIFE	* *	5	$11,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$119,700	5	$200	
Fused Disc Sw	30%			2050	* *	5	$100	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,700	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Generic	50%			LIFE	* *	5	$600	
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$747,500	10	$61,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2034	* *	10	$11,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Kitchen & Lunch Room								
Incandescent	5%			2019	$46,700	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$10,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$309,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2034	* *	1-3	$20,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$26,100	
Conversion Equipment								
Steam Boiler	100%	0-2	$409,500	2044	* *	1	$75,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,100	
Terminal Devices								
Air Handler	20%			2024	$90,700	1	$10,400	
Convector/Radiator	80%			2029	* *	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$34,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 175 - Q

Asset # : 1511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	75%			2029	* *	2	$1,900	
Roof	25%			2024	$16,700	2	$600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	50%	Now	$500	2019	$9,800	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Sub Basement								
No Component	50%							
HW Heat Exchanger								
Low Temp	50%			2034	* *	4	$6,200	
No Component	50%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$5,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Chemical System								
Dry	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Compressed Nitro Gas Fire Extinguishers								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : R-102 Wet								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 176 - BK**		
Address	: **1225 BAY RIDGE AVE. @ 12TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K176**
Program / Asset #	: **BOE0970.000 / 1186**	**Yr Built/Renovated**	: **1914 / 2006**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5774** **Lot** : **1**	**BIN**	: **3143190**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,100	$205,000
Interior Architecture	$817,100	$388,000
Electrical	$135,300	$972,400
Mechanical	$58,400	$247,200
Total	**$1,063,800**	**$1,812,600**
Importance Code A	$53,100	$242,000
Importance Code B	$911,700	$1,533,600
Importance Code C	$99,000	$37,000
Total	**$1,063,800**	**$1,812,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,400	$24,800	
Interior Architecture	$25,700	$12,000		$14,000
Electrical	$3,100	$13,800	$2,800	$2,200
Mechanical	$54,500	$13,900	$23,000	$13,900
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$88,200**	**$59,000**	**$55,600**	**$35,000**
Importance Code A	$9,400	$24,000	$34,200	$9,400
Importance Code B	$78,900	$35,000	$21,400	$25,700
Total	**$88,200**	**$59,000**	**$55,600**	**$35,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2058	* *	10	$8,200	
Masonry: Brick	80%			LIFE	* *	5	$140,700	
Masonry: Brick	10%	Now	$53,100	LIFE	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$4,000	
Masonry: Limestone	5%			LIFE	* *	5	$6,600	
Windows								
Aluminum	100%			2039	* *	5	$49,700	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$12,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,000	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$46,800	
Copper/Terne	5%			2058	* *	10	$6,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,000	
Ceramic Tile	5%	Now	$41,200	2032	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Marble Panels	5%	2-4	$25,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	55%	Now	$662,400	2033	* *	3	$29,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Corridors - 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Corridors - 9x9 Tiles								
Vinyl Tile	24%	Now	$14,500	2023	$289,000	3	$12,700	
Uneven Substrate, Extent : Light, Area Affected : 10%								
Location : Throughout 12x12 Tiles								
Wood	1%			2038	* *	5	$2,700	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$99,000	LIFE	* *	5	$37,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$21,200	
Exposed Concrete	15%			LIFE	* *	5	$3,300	
Plaster	70%			LIFE	* *	5	$62,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room On 1st Floor								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	$102,600	5	$200	
Fused Disc Sw	40%			2049	* *	5	$200	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	80%			2022	$143,500	5	$1,900	
Molded Case Bkrs	10%			2045	* *	5	$200	
Wiring								
Braided Cloth	20%	2-4	$51,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	10%			2049	* *	1		
Thermoplastic	70%			2023	$178,900	1		
Motor Controllers								
Locally Mounted	90%			2036	* *	5	$600	
Locally Mounted	10%			2021	$7,600	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$84,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2023	$22,700	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$11,400	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$347,500	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$22,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$93,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,000	2043	* *	4	$4,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2023	$153,100	1	$17,600	
Convector/Radiator	70%			2028	* *	1	$21,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$58,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,800	
Exhaust Fans								
Interior	90%			2023	$94,100	2	$2,600	
Roof	10%			2023	$7,500	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$22,000	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - BK

Asset # : 1186

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$6,600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : First Floor And Basement								
Explanation : Backup In Bathrooms And Kitchen When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$5,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-5								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 176 - Q**
Address : **120-45 235 STREET BTWN: 120 AVE., 121 AVE.**
Borough : **QUEENS** | **Agency's Number** : **Q176**
Program / Asset # : **BOE0820.000 / 2529** | **Yr Built/Renovated** : **1949 / 2005**
Area Sq Ft : **60,000** | **Project Type** : **EDUCATION**
Date of Survey : **23-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **12820** **Lot** : **1** | **BIN** : **4276382**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$152,100	$122,400
Interior Architecture	$40,000	$659,600
Electrical	$543,200	$1,131,900
Mechanical		$1,436,700
Total	**$735,300**	**$3,350,700**
Importance Code A	$152,100	$422,000
Importance Code B	$583,200	$2,928,600
Total	**$735,300**	**$3,350,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,200		$5,800	
Interior Architecture	$99,100		$5,400	$10,300
Electrical	$31,600		$300	$400
Mechanical	$20,200	$13,600	$11,000	$9,000
Total	**$163,100**	**$13,600**	**$22,500**	**$19,700**
Importance Code A	$18,300	$6,100	$11,900	$6,100
Importance Code B	$89,100	$7,500	$10,600	$12,200
Importance Code C	$55,700			$1,400
Total	**$163,100**	**$13,600**	**$22,500**	**$19,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$79,900	
Painted Surfaces, Extent : Moderate, Area Affected : 30%								
Location : West Facade								
Masonry: Limestone	10%			LIFE	* *	5	$6,700	
Windows								
Aluminum	90%			2042	* *	5	$16,700	
Glass Block	5%			LIFE	* *	5	$1,200	
Steel	5%			2034	* *	5	$11,600	
Parapets								
Masonry: Brick	75%			LIFE	* *	5-10	$80,900	
Masonry: Limestone	25%			LIFE	* *	5-10	$48,100	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$82,500	
Copper/Terne	5%			2054	* *	10	$10,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,200	
Ceramic Tile	3%			2035	* *	5	$2,800	
Terrazzo	15%			LIFE	* *	5	$21,600	
Vinyl Tile	7%			2031	* *	3	$2,400	
Vinyl Tile 9" X 9"	65%			2021	$659,600	3	$29,900	
Wood	5%			2041	* *	5	$8,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$11,600	
Ceramic Tile	3%			2035	* *	5	$2,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,400	
Marble Panels	2%			LIFE	* *	10	$700	
Plaster	55%			LIFE	* *	5-10	$43,400	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,600	
Ceilings								
AcousTile,Adhered	30%			2031	* *	5	$27,500	
AcousTileSusp.Lay-In	10%			2039	* *	5	$9,200	
Exposed Concrete	40%			LIFE	* *	5-10	$45,800	
Fiber Board	5%			2026	$29,900			
Plaster	15%			LIFE	* *	5-10	$23,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$20,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$10,500	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	20%	2-4	$20,900	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	15%			2034	* *	5	$200	
Molded Case Bkrs	55%			2025	$57,600	5	$900	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	95%			2021	$649,500	10	$53,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2021	$9,800	10		
Incandescent	3%			2021	$20,500	2		
Egress Lighting								
Emergency, Battery	50%			2026	$41,500	10	$7,400	
Exit, Service	50%			2026	$8,300	1		
Exterior Lighting								
HID	100%			2021	$226,600	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$186,400	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System ; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$151,600	5	$19,100	
Conversion Equipment								
Steam Boiler	100%			2024	$299,600	1	$61,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boiler								
Distribution								
Steam Piping/Pump	100%			2026	$429,700	4	$4,600	
Terminal Devices								
Air Handler	25%			2026	$83,000	1	$9,500	
Convector/Radiator	75%			2024	$436,000	1	$14,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2021	$19,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$27,200	
No Component	50%							
Exhaust Fans								
Interior	50%			2026	$34,000	2	$900	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	0-2	$700	2024	$36,800	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve, Boiler Room								
Water Heater								
Gas Fired	100%			2024	$14,300	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 176 - Q

Asset # : 2529

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2026	$19,100	4	$9,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 177 - BK**		
Address	: **346 AVENUE P BTWN: WEST 1 ST, - DAHILL RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K177**
Program / Asset #	: **BOE0474.000 / 7**	**Yr Built/Renovated**	: **1924 / 2010**
Area Sq Ft	: **100,502**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **6631** **Lot** : **1**	**BIN**	: **3175834**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,232,700	$182,500
Interior Architecture	$1,673,700	$98,500
Electrical	$143,300	$1,926,100
Mechanical	$36,100	$859,300
Total	**$3,085,800**	**$3,066,300**
Importance Code A	$1,232,700	$207,700
Importance Code B	$1,274,700	$2,818,200
Importance Code C	$578,400	$40,500
Total	**$3,085,800**	**$3,066,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,000			
Interior Architecture	$62,700	$12,600	$7,700	$1,900
Electrical	$2,700	$800	$1,200	$1,700
Mechanical	$81,000	$16,700	$22,600	$15,100
Total	**$168,300**	**$30,000**	**$31,500**	**$18,700**
Importance Code A	$32,300	$10,200	$10,200	$10,200
Importance Code B	$114,900	$19,800	$21,300	$8,500
Importance Code C	$21,200			
Total	**$168,300**	**$30,000**	**$31,500**	**$18,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	95%	Now	$550,600	LIFE		* *	5	$182,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Limestone	5%	Now	$104,900	LIFE		* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Windows									
Aluminum	100%	Now	$454,900	2042		* *	5	$27,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%									
Location : Throughout									
Parapets									
Cast Stone/Terra Cotta	10%	0-2	$22,000	LIFE		* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Brick	90%	0-2	$73,000	LIFE		* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Roof									
Built-Up (BUR)	100%	Now	$49,300	2031		* *			
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$16,100	LIFE	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%	Now	$60,000	2035	* *	5	$3,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Sheet Vinyl/Rubber	5%	Now	$229,600	2036	* *	5	$5,800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%	Now	$36,000	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%	Now	$131,600	2036	* *	3	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	65%			2036	* *	3	$37,700	
Recent Installation, Extent : Light, Area Affected : 66%								
Location : Throughout								
Wood	5%	Now	$255,200	2066	* *	5	$7,300	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$79,800	2035	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Gypsum Board	10%			LIFE	* *	5-10	$32,700	
Masonry: Brick	15%	Now	$112,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$61,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	70%	Now	$324,600	LIFE	* *	5	$40,500	
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : Classrooms								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$125,200	2046	* *	5	$9,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2039	* *	5	$15,500	
Embossed Metal	5%	0-2	$136,000	LIFE	* *	5	$3,500	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5-10	$29,000	
Plaster	60%	Now	$121,900	LIFE	* *	5	$58,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2026	$25,200	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2000 Amps Service								
Fused Disc Sw	40%			2052	* *	5	$200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$400	
Raceway								
Conduit	100%			2026	$208,700	1		
Panelboards								
Fused Knife Sw	30%	2-4	$53,800	2051	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	70%			2025	$125,600	5	$1,900	
Wiring								
Braided Cloth	30%	2-4	$89,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2026	$208,900	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	80%			2036	* *	10	$75,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	20%			2021	$229,700	2	$500	
Egress Lighting								
Emergency, Service	50%			2026	$25,400	1		
Exit, Service	50%			2026	$13,900	1		
Exterior Lighting								
HID	100%			2021	$379,600	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$60,800	1	$7,500	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$416,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : #2 Oil, One Tank Of 1,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$102,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$36,100	2036	* *	4	$5,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Traps And Vacuum Pump Not Working Properly								
Terminal Devices								
Air Handler	20%	0-2	$2,200	2026	$111,500	1	$11,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Air Handlers								
Explanation : Pneumatic System Does Not Work Properly								
Convector/Radiator	70%	0-2	$34,200	2031	* *	1	$21,000	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Explanation : 20% Of Stream Traps Faulty								
Fan Coil Unit/Heat	10%			2026	$154,800	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2026	$23,900	2	$300	
Window/Wall Unit	80%			2021	$170,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,300	
Exhaust Fans								
Interior	100%			2026	$114,300	2	$3,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$308,700	1		
Water Heater								
Gas Fired	100%			2021	$24,000	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank, 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - BK

Asset # : 7

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 177 - Q**
Address : **56-37 188 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0821.000 / 1512**
Area Sq Ft : **58,000**
Date of Survey : **21-Feb-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5674** **Lot** : **2**

Agency's Number : **Q177**
Yr Built/Renovated : **1951 / 2005**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4128231**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$59,800	$46,000
Interior Architecture	$735,700	$57,800
Electrical	$121,700	$1,332,000
Mechanical	$80,200	$910,800
Total	**$997,400**	**$2,346,600**
Importance Code A	$59,800	$335,700
Importance Code B	$937,600	$2,010,900
Total	**$997,400**	**$2,346,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,300		$5,100
Interior Architecture	$9,300	$600	$2,200	$16,600
Electrical	$5,900	$800	$1,400	$31,300
Mechanical	$39,100	$9,000	$15,600	$48,800
Total	**$54,200**	**$28,600**	**$19,200**	**$101,800**
Importance Code A	$29,000	$24,200	$5,900	$11,100
Importance Code B	$25,300	$4,400	$13,300	$90,700
Importance Code C				
Total	**$54,200**	**$28,600**	**$19,200**	**$101,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$46,000	
Masonry: Granite	5%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$2,000	
Metal Panel	5%			2045	* *	5-10	$18,600	
Windows								
Aluminum	100%			2041	* *	5	$20,200	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$9,100	
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Metal Rail	10%			2038	* *	5-10	$20,700	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$59,800	
Metal Panel	5%			2038	* *	10	$5,800	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$9,300	LIFE	* *	5	$19,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2034	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	5%			2033	* *	3	$1,700	
Vinyl Tile 9" X 9"	75%	0-2	$735,700	2035	* *	3	$25,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$14,800	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2030	* *	5	$16,600	
Exposed Concrete	50%			LIFE	* *	5	$6,900	
Fiber Board	10%			2025	$57,800			
Plaster	25%			LIFE	* *	5	$13,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Transformers								
Dry Type	100%			2023	$15,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva, 480/277/208 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$200	
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$5,200	5	$100	
Fused Knife Sw	5%	2-4	$5,200	2050	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	90%			2024	$94,200	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$200	
Motor Control Center	50%			2030	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$634,400	10	$52,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2020	$9,500	10		
Incandescent	2%			2020	$13,200	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$7,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$219,000	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$52,600	1	$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$180,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$146,500	5	$18,400	
Conversion Equipment								
Steam Boiler	100%	Now	$29,000	2023	$289,600	1	$53,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Both Burners Failing Frequently								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$415,400	4	$4,400	
Terminal Devices								
Air Handler	25%			2020	$80,200	1	$9,200	
Convector/Radiator	75%			2030	* *	1	$14,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2025	$30,300	1	$4,100	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Lower Roof								
Window/Wall Unit	25%			2020	$30,600	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2035	* *	4	$400	
No Component	85%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 177 - Q

Asset # : 1512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cooling	15%			2025	$27,500	1	$2,900	
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2025	$7,100	2	$6,200	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,200	
Exhaust Fans								
Interior	90%			2025	$59,200	2	$1,600	
Roof	10%			2025	$4,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2025	$13,800	2	$900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2025	$18,500	4	$8,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Not Being Used Since New Hot Water Heater Installed								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$13,900	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 178 - BK**				
Address	: **2163 DEAN STREET @ HOPKINSON AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K178**	
Program / Asset #	: **BOE0475.000 / 1339**		**Yr Built/Renovated**	: **1915 / 2000**	
Area Sq Ft	: **81,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **22-Apr-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1440**	**Lot** : **56**	**BIN**	: **3038718**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,263,400	$223,000
Interior Architecture	$1,419,900	$54,600
Electrical	$232,700	$2,038,600
Mechanical	$581,700	$1,027,300
Total	**$4,497,700**	**$3,343,400**
Importance Code A	$2,263,400	$260,000
Importance Code B	$1,775,000	$3,083,400
Importance Code C	$459,400	
Total	**$4,497,700**	**$3,343,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,500			
Interior Architecture	$29,700		$8,600	$5,500
Electrical	$29,800	$900	$1,300	$1,800
Mechanical	$61,700	$11,800	$18,500	$11,800
Elevators/Escalators	$8,300	$8,300	$8,300	$8,300
Total	**$154,100**	**$21,000**	**$36,600**	**$27,300**
Importance Code A	$32,800	$8,300	$8,300	$8,300
Importance Code B	$102,600	$12,800	$24,500	$19,100
Importance Code C	$18,700		$3,900	
Total	**$154,100**	**$21,000**	**$36,600**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	$438,300	LIFE	* *	5	$60,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 4th Fl Banding Detail - North Facade								
Masonry: Brick	80%	Now	$1,121,000	LIFE	* *	5	$123,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Repointing Failure, Extent : Moderate, Area Affected : 35%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : 4th Fl Classroom North Facade, Auditorium East Facade								
Masonry: Limestone	10%	2-4	$84,600	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2046	* *	5-10	$53,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : At Penthouse								
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Penthouse								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Aluminum	75%	2-4	$275,000	2034	* *	5	$16,400	
Air Infiltration, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Aluminum	20%	2-4	$126,500	2034	* *	5	$4,400	
Air Infiltration, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Protective Gate Covering								
Wood	5%	0-2	$61,400	2051	* *	5	$10,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$14,400	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	2-4	$117,700	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Parapet - Interior Wall								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	45%	Now	$8,900	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Auditorium Roof								
Metal Panel	5%	2-4	$1,200	2039	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paver: Asphalt	50%	Now	$38,900	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms On 5th Floor								
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : At Penthouse								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Fifth Floor								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,200	LIFE	* *	5	$13,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	2%	4+	$4,800	2029	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$5,800	
Traffic Topping	5%	Now	$77,300	2036	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairwells								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stairwells								
Vinyl Tile	30%			2031	* *	3	$14,000	
Vinyl Tile	35%	4+	$371,100	2036	* *	3	$16,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Auditorium Floor								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : Upper Floor Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s)								
Wood	20%	2-4	$82,300	2041	* *	5	$23,400	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$7,800	
Glass: Single Pane	3%			LIFE	* *	5	$7,000	
Masonry: Brick	10%	Now	$12,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *	10	$3,100	
Plaster	65%	Now	$242,900	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	12%	2-4	$216,500	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$6,200	
Exposed Concrete	25%	Now	$200,600	LIFE	* *	5	$4,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$229,200	LIFE	* *	5	$54,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$300	
Raceway								
Conduit	10%			2036	* *	1		
Conduit	90%			2026	$155,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2051	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	80%			2025	$143,500	5	$1,700	
Molded Case Bkrs	10%			2034	* *	5	$200	
Wiring								
Thermoplastic	10%			2036	* *	1		
Thermoplastic	90%			2026	$230,000	1		
Motor Controllers								
Locally Mounted	20%			2031	* *	5	$100	
Locally Mounted	80%			2024	$60,400	5	$400	
Ground								
Grounding Devices								
Generic	100%	Now	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Disconnected								
Lighting								
Interior Lighting								
Fluorescent	5%			2026	$46,300	10	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	85%			2021	$786,700	10	$65,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2026	$46,300	10	$3,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
HID	3%			2021	$20,000	10	$100	
Incandescent	2%			2021	$18,500	2		
Egress Lighting								
Emergency, Battery	50%			2021	$56,200	10	$10,100	
Exit, Service	50%			2021	$11,200	1		
Exterior Lighting								
HID	100%			2021	$305,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways,Kitchen And Outside								
Explanation : Cctv Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$167,800	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Fire Alarm System, Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 100,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$82,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$581,700	2056	* *	4	$4,100	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Deteriorating Steam And Condensate Return Lines								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Steam And Condensate Return Piping Is Beyond Useful Life Cycle Rating								
Terminal Devices								
Air Handler	20%			2021	$89,800	1	$10,300	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2024	$629,600	1	$21,500	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Radiators Throughout Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$3,400	2021	$68,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms, Multiple Mechanical And/ Or Electrical Defects								
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BK

Asset # : 1339

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Inlets Are Blocked Out For Long Time								
Exhaust Fans								
Roof	100%	Now	$13,200	2026	$66,200	2	$2,000	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Roof, Defective Kitchen And Toilet Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galv Iron/Steel	50%	Now	$6,200	2024	$124,400	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Boiler Room								
Water Heater								
Gas Fired	100%			2024	$19,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Throughout Is Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Throughout Is Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%	Now	$200	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room, Defective Water Level Controls								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$48,600	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 178 - BK ANNEX (BED STUY ECC 1)**
Address : **1784 PARK PLACE BTWN: HOWARD AVE., SARATOGA AV**
Borough : **BROOKLYN** | **Agency's Number** : **K854**
Program / Asset # : **BOE0475.010 / 1340** | **Yr Built/Renovated** : **1969 / 2002**
Area Sq Ft : **10,000** | **Project Type** : **EDUCATION**
Date of Survey : **22-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **1467** **Lot** : **27** **BIN** : **3039391**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$93,300
Interior Architecture	$59,100	
Electrical		$201,300
Mechanical		$224,900
Total	**$59,100**	**$519,500**
Importance Code A		$93,300
Importance Code B	$59,100	$426,200
Total	**$59,100**	**$519,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,200		$1,000	
Interior Architecture	$23,000		$1,600	$900
Electrical	$100	$100	$100	$200
Mechanical	$4,100	$2,100	$3,100	$2,100
Total	**$53,400**	**$2,200**	**$5,900**	**$3,200**
Importance Code A	$26,400	$600	$1,200	$600
Importance Code B	$21,100	$1,600	$4,300	$2,600
Importance Code C	$5,900		$300	
Total	**$53,400**	**$2,200**	**$5,900**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$3,800	
Concrete Masonry Unit	75%	Now	$11,700	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North Facades								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Masonry: Brick Cavity	10%			LIFE	* *	5	$800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Metal Panel	5%			2036	* *	5-10	$1,300	
Windows								
Aluminum	95%			2034	* *	5	$1,200	
Metal Louvers	5%			2029	* *	10	$400	
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5-10	$1,500	
Metal Panel	5%			2036	* *	5	$500	
Metal Security Bars	75%			2041	* *			
Pre-Cast Concrete	10%			LIFE	* *	5	$3,500	
Roof								
Built-Up (BUR)	100%	Now	$9,300	2026	$93,300			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	5%	4+	$200	LIFE	* *	5	$1,700	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ceramic Tile	5%			2029	* *	5	$800	
Vinyl Tile	45%	0-2	$59,100	2036	* *	3	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 100%								
Location : All Rooms								
Vinyl Tile	45%			2034	* *	3	$2,600	
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$700	
Concrete Masonry Unit	80%	2-4	$4,900	LIFE	* *	5	$4,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Top Of Wall At Ends Of Corridors								
Metal Panel	5%			LIFE	* *	10	$300	
Plaster	10%			LIFE	* *	5-10	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	$19,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling								
Explanation : Structural Conc Panels								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$48,900	5		
Raceway								
Conduit	90%			2026	$12,500	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	30%			2025	$6,700	5	$100	
Molded Case Bkrs	10%			2034	* *	5		
Molded Case Bkrs	60%			2025	$13,500	5	$200	
Wiring								
Thermoplastic	90%			2026	$16,700	1		
Thermoplastic	10%			2036	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$114,600	10	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2026	$7,000	10	$1,200	
Exit, Service	50%			2026	$1,400	1		
Exterior Lighting								
HID	100%			2026	$37,800	10		
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$9,100	1	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2026	$31,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Fl.								
Explanation : Building Has No Gas Service Electric Heating In Hallways & Vestibule, Unit Ventilators In Classrooms								
Conversion Equipment								
Furnace	40%			2026	$5,000	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Furnaces								
Heat Pump	60%			2024	$9,200	2	$1,900	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : 8 Units, Classrooms								
Terminal Devices								
Fan Coil Unit/Heat	100%			2026	$154,500	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Heat Pump	60%			2024	$200	2	$400	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Classrooms								
Explanation : 8 Units								
No Component	40%							
Terminal Devices								
Fan Coil - Cool/Heat	60%			2026	$70,300	1	$2,000	
No Component	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 178 - BK ANNEX (BED STUY ECC 1)
Asset # : 1340

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Remote Air Cond	60%			2026	$22,200	2	$4,300	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,100	
Exhaust Fans								
Interior	100%			2026	$11,400	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2019	$1,600	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Classroom Sinks								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 178 - BX**		
Address	: **850 BAYCHESTER AVENUE BTWN: BARTOW AVE., DONIZETTI PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X178**
Program / Asset #	: **BOE0304.000 / 1099**	**Yr Built/Renovated**	: **1972 / 2003**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5141** **Lot** : **150**	**BIN**	: **2097470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$264,300	$270,100
Interior Architecture	$194,600	$51,300
Electrical		$1,353,400
Mechanical		$2,123,800
Total	**$458,900**	**$3,798,700**
Importance Code A	$264,300	$307,100
Importance Code B	$51,300	$3,491,600
Importance Code C	$143,300	
Total	**$458,900**	**$3,798,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$62,200			
Interior Architecture	$83,000		$16,500	$3,700
Electrical	$2,300	$700	$1,200	$1,700
Mechanical	$56,700	$35,700	$32,000	$42,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$208,200**	**$40,300**	**$53,600**	**$52,200**
Importance Code A	$64,200	$4,800	$4,800	$4,800
Importance Code B	$125,100	$35,500	$48,800	$47,400
Importance Code C	$18,800			
Total	**$208,200**	**$40,300**	**$53,600**	**$52,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$89,300	
Pre-Cast Concrete	40%			LIFE	* *	5	$211,200	
Slate Panels	5%			LIFE	* *	5	$6,100	
Windows								
Aluminum	100%	4+	$76,400	2042	* *	5	$9,100	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$40,900	
Metal Rail	10%			2031	* *	5-10	$24,000	
Pre-Cast Concrete	45%			LIFE	* *	5	$75,300	
Roof								
Built-Up (BUR)	85%			2031	* *	10	$82,200	
Cast in Place Concrete	15%			LIFE	* *	10	$24,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$32,100	
Ceramic Tile	5%			2035	* *	5	$7,300	
Vinyl Tile	90%			2031	* *	3	$49,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,200	
Metal Panel	20%	0-2	$107,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	50%			LIFE	* *	5-10	$55,200	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,200	
Ceilings								
AcousTileSusp.Lay-In	70%			2039	* *	5	$102,600	
Exposed Concrete	15%			LIFE	* *	5-10	$27,500	
Plaster	15%			LIFE	* *	5-10	$37,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 6000 Amperes								
Transformers								
Dry Type	50%			2024	$7,900	5	$200	
Dry Type	50%			2039	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	70%			2025	$125,600	5	$1,800	
Molded Case Bkrs	10%			2042	* *	5	$300	
Wiring								
Thermoplastic	90%			2026	$230,000	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Connected To Metal Water Pipe							
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$89,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
Egress Lighting								
Emergency, Service	50%			2021	$24,100	1		
Exit, Service	50%			2021	$13,200	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$57,500	1	$7,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Corridors							
	Explanation : Intrusion Alarm And 2 CCTV Cameras. Motion Sensors							
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$393,600			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Corridors							
	Explanation : Fire Alarm System Is Old And Functional, Alarm Bells And Manual Pull Station							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
HTHW/HW	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Hot Water Supplied From Co Op City								
Conversion Equipment								
Heat Exchanger	100%	0-2	$2,100	2029	* *	1	$43,600	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Coil Connecction								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2025	$492,500	4	$7,200	
Terminal Devices								
Air Handler	50%			2026	$264,300	1	$30,300	
Convector/Radiator	50%			2031	* *	1	$15,800	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$332,800	1	$45,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Refrigerant Type R22								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$4,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$775,900	1	$60,600	
Heat Rejection								
Air Condenser Unit	100%			2026	$195,900	2	$68,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Loading Dock								
Explanation : Located Outside Of Bldg								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,600	
Exhaust Fans								
Interior	20%			2031	* *	2	$600	
Roof	80%	Now	$3,100	2026	$62,400	2	$1,900	
Noisy/Vibrating, Extent : Severe, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - BX

Asset # : 1099

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
High Temp	100%			2036	* *	4	$9,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$49,400	
Sprinkler								
No Component	97%							
Generic	3%			2046	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 178 - M**		
Address	: **12-18 ELLWOOD STREET @ BOGARDUS PL.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M178**
Program / Asset #	: **BOE1019.000 / 13446**	**Yr Built/Renovated**	: **2001 /**
Area Sq Ft	: **66,206**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2171** **Lot** : **36**	**BIN**	: **1064128**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$206,800	$131,800
Interior Architecture	$46,500	$46,500
Electrical	$59,500	
Mechanical		$224,700
Total	**$312,700**	**$403,000**
Importance Code A	$206,800	$131,800
Importance Code B	$106,000	$271,200
Total	**$312,700**	**$403,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$15,600	$13,500		$3,700
Electrical	$5,300	$7,300	$8,100	$5,900
Mechanical	$69,300	$36,600	$30,700	$46,800
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$100,100**	**$67,300**	**$48,600**	**$66,300**
Importance Code A	$6,400	$6,600	$6,600	$6,700
Importance Code B	$88,000	$58,600	$42,100	$59,600
Importance Code C	$5,700	$2,100		
Total	**$100,100**	**$67,300**	**$48,600**	**$66,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$24,400	
Masonry: Brick	90%	2-4	$132,600	LIFE	* *	5	$87,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%	2-4	$74,200	2041	* *	5	$8,900	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast in Place Concrete	5%			LIFE	* *	5		
Masonry: Brick	80%			LIFE	* *	5		
Metal Panel	5%			2045	* *	5		
Metal Rail	10%			2042	* *	5-10		
Roof								
Built-Up (BUR)	100%			2033	* *	10	$43,900	
Interior								
Floors								
Terrazzo	4%			LIFE	* *	5	$3,100	
Vinyl Tile	92%			2030	* *	3	$34,200	
Wood	4%			2060	* *	5	$7,400	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$4,300	
Concrete Masonry Unit	15%	4+	$5,700	LIFE	* *	5	$5,100	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Northwest Corner In Custodian Office								
Gypsum Board	10%			LIFE	* *	5	$5,100	
SGFT/Glazed Masonry	70%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	75%			2042	* *	5	$92,900	
AcousTileSusp.Lay-In	20%			2042	* *	5	$19,800	
Exposed Concrete	5%			LIFE	* *	5	$800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated At 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$300	
Molded Case Bkrs	80%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$20,400	
Generators								
Diesel	100%			2034	* *	1	$25,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 260 Hp, Omine								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$2,500	
Fuel Storage								
Day Tank	20%			2041	* *	5	$2,500	
Main Tank	80%			2053	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$59,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10		
Egress Lighting								
Exit, Service	100%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2053	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$7,400	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$6,400	2038	* *	1	$59,000	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : #1 Control Board								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,200	2045	* *	4	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Control System, Basement								
Terminal Devices								
Air Handler	20%			2030	* *	1	$8,200	
Convector/Radiator	80%			2038	* *	1	$17,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2025	$224,700	1	$30,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2045	* *	4	$4,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	* *	1	$40,900	
Heat Rejection								
Air Condenser Unit	100%			2030	* *	2	$46,100	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - M

Asset # : 13446

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$28,600	LIFE	* *	2-5	$36,900	
Unit Inoperable, Extent : Severe, Area Affected : 40%								
Location : Fire Dampers, Throughout								
Exhaust Fans								
Interior	60%			2030	* *	2	$1,200	
Roof	40%			2030	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$15,400	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units - 1 Currently Not In Operation								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$33,400	
Sprinkler								
Generic	100%			2045	* *	1-2	$18,500	
Fire Pump								
Generic	100%			2034	* *	1	$12,400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 178 - Q**
Address : **189-10 RADNOR ROAD**
Borough : **QUEENS**
Program / Asset # : **BOE0822.000 / 1513**
Area Sq Ft : **58,000**
Date of Survey : **04-Oct-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **7277** **Lot** : **1**

Agency's Number : **Q178**
Yr Built/Renovated : **1951 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4156558**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$140,400	$120,500
Interior Architecture		$605,700
Electrical	$964,500	$258,000
Mechanical		$65,800
Total	**$1,104,900**	**$1,050,000**
Importance Code A	$140,400	$120,500
Importance Code B	$964,500	$929,500
Total	**$1,104,900**	**$1,050,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,600		$10,500	
Interior Architecture	$21,000	$8,900	$15,200	
Electrical	$22,200	$1,600	$51,500	$1,100
Mechanical	$17,800	$10,600	$52,100	$10,000
Total	**$68,700**	**$21,100**	**$129,300**	**$11,100**
Importance Code A	$13,500	$5,900	$16,500	$5,900
Importance Code B	$53,800	$15,200	$112,800	$5,200
Importance Code C	$1,300			
Total	**$68,700**	**$21,100**	**$129,300**	**$11,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$40,700	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Repointing Throughout, 2011								
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Windows								
Aluminum	85%			2032	* *	5	$15,200	
Steel	15%	Now	$140,400	2049	* *	5	$16,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium, Auditorium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium, Auditorium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, Gymnasium, Auditorium								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,500	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout, 2011								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%			2032	* *	10	$79,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Copper/Terne	5%			2059	* *	10	$10,500	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Throughout, 2011								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,700	
Ceramic Tile	5%			2027	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	60%			2024	$454,300	3	$20,000	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Hallways, Classrooms, Offices								
Explanation : 9x9 Tiles								
Vinyl Tile	20%			2024	$151,400	3	$6,700	
Wood	5%			2039	* *	5	$8,300	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$2,700	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	67%			LIFE	* *	5	$18,000	
SGFT/Glazed Masonry	27%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$13,300	
AcousTileSusp.Lay-In	10%			2029	* *	5	$8,800	
Exposed Concrete	60%			LIFE	* *	5	$8,300	
Plaster	15%	Now	$17,400	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : General Office								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2024	$6,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	70%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$117,300	5	$200	
Fused Disc Sw	20%			2054	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Fused Toggle Switch	20%	2-4	$20,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	50%			2023	$52,300	5	$800	
Molded Case Bkrs	20%			2049	* *	5	$300	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$52,200	1		
Thermoplastic	10%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Motor Controllers								
Locally Mounted	80%			2022	$36,300	5	$300	
Locally Mounted	20%			2044	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	84%			2019	$555,100	10	$45,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2034	* *	10	$5,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	3%			2019	$14,200	10	$100	
Incandescent	3%			2019	$19,800	2		
Egress Lighting								
Emergency, Battery	50%			2019	$40,100	10	$7,200	
Exit, Service	50%			2019	$8,000	1		
Exterior Lighting								
HID	100%			2019	$219,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2034	* *	1-3	$12,500	
Recent Installation, Extent : Light, Area Affected : 35%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 178 - Q

Asset # : 1513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$58,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2050	* *	4	$4,400	
Terminal Devices								
Air Handler	20%			2029	* *	1	$7,400	
Convector/Radiator	80%			2037	* *	1	$15,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$24,500	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,200	
Exhaust Fans								
Interior	100%			2024	$65,800	2	$1,800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$8,900	2029	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Water Heater								
Gas Fired	100%			2019	$13,800	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$3,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$800	
Chemical System								
Dry	5%			2022	$1,300	1-3	$2,500	
No Component	95%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 179 - BK**		
Address	: **202 AVENUE C BTWN E. 2ND ST - E. 3RD ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K179**
Program / Asset #	: **BOE0476.000 / 1341**	**Yr Built/Renovated**	: **1915 / 2009**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5371** **Lot** : **1**	**BIN**	: **3126001**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$750,400	$127,300
Interior Architecture	$1,595,200	$97,900
Electrical	$401,200	$1,343,600
Mechanical	$156,800	$805,200
Total	**$2,903,600**	**$2,374,000**
Importance Code A	$750,400	$164,300
Importance Code B	$1,731,200	$2,209,700
Importance Code C	$422,000	
Total	**$2,903,600**	**$2,374,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,900	$3,600		
Interior Architecture	$74,500	$6,400		$4,300
Electrical	$10,100	$700	$1,200	$30,300
Mechanical	$43,700	$29,000	$16,400	$11,300
Total	**$139,200**	**$39,700**	**$17,600**	**$45,900**
Importance Code A	$18,400	$11,200	$7,500	$7,700
Importance Code B	$76,700	$25,000	$10,100	$38,200
Importance Code C	$44,000	$3,500		
Total	**$139,200**	**$39,700**	**$17,600**	**$45,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$127,300	
Masonry: Granite	5%	Now	$41,800	LIFE	* *	5	$5,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$38,600	LIFE	* *	5	$5,300	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$669,900	2041	* *	5	$20,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 65%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,300	
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Roof								
Built-Up (BUR)	60%	Now	$10,900	2030	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	35%			2033	* *	10	$13,900	
Metal Panel	5%			2038	* *	10	$3,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,000	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$110,400	2040	* *	5	$2,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 66%								
Location : Throughout								
Traffic Topping	5%	Now	$70,700	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wrinkling, Extent : Moderate, Area Affected : 30%								
Location : Stair Landings								
Vinyl Tile	20%			2030	* *	3	$8,500	
Vinyl Tile	10%	0-2	$96,900	2035	* *	3	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$251,000	2035	* *	3	$8,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	35%	4+	$263,000	2040	* *	5	$37,400	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$7,100	
Concrete Masonry Unit	5%	2-4	$15,800	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	0-2	$165,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Basement								
Marble Panels	5%	0-2	$28,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Plaster	75%	0-2	$256,100	LIFE	* *	5	$31,900	
Cracking/Crumbling, Extent : Light, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	15%	0-2	$27,500	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$381,300	LIFE	* *	5	$60,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	30%			2041	* *	5	$600	
Molded Case Bkrs	60%			2024	$80,700	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%			2030	* *	5	$300	
Locally Mounted	50%			2023	$37,800	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$811,700	10	$67,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	2%			2020	$12,200	10		
Incandescent	2%			2020	$16,900	2		
Egress Lighting								
Emergency, Battery	50%			2025	$51,300	10	$9,200	
Exit, Service	50%			2025	$10,300	1		
Exterior Lighting								
HID	100%			2020	$279,500	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$5,500	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$75,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$53,100	2035	* *	4	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2020	$41,000	1	$4,700	
Convector/Radiator	90%	Now	$32,400	2023	$647,100	1	$19,900	
Damaged, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - BK

Asset # : 1341

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	5%			2030	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Roof								
Window/Wall Unit	40%			2020	$62,600	1		
No Component	55%							
Terminal Devices								
Fan Coil - Cooling	5%			2030	* *	1	$1,200	
No Component	95%							
Heat Rejection								
Remote Air Cond	5%			2030	* *	2	$2,700	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Roof	20%			2030	* *	2	$500	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2035	* *	1		
Galv Iron/Steel	50%	0-2	$2,300	2023	$113,700	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2018	$17,700	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$44,400	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 179 - BX FORMER (P. S. 40 - BX)**
Address : **468 EAST 140 STREET (NEAR BROOK AVE.)**
Borough : **BRONX**
Agency's Number : **X179**
Program / Asset # : **BOE0183.000 / 513**
Yr Built/Renovated : **1967 /**
Area Sq Ft : **90,000**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **2284** **Lot** : **34**
BIN : **2000308**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$222,400	$904,200
Interior Architecture	$490,500	
Electrical	$1,626,800	$617,600
Mechanical	$652,500	$818,300
Total	**$2,992,100**	**$2,340,200**
Importance Code A	$674,600	$941,200
Importance Code B	$2,258,000	$1,398,900
Importance Code C	$59,500	
Total	**$2,992,100**	**$2,340,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$2,400	
Interior Architecture	$92,700			$15,600
Electrical	$1,800	$2,400	$5,200	$1,500
Mechanical	$11,200	$18,400	$41,700	$14,600
Total	**$105,700**	**$20,800**	**$49,400**	**$31,800**
Importance Code A		$9,200	$11,800	$9,200
Importance Code B	$70,600	$11,600	$37,600	$22,600
Importance Code C	$35,100			
Total	**$105,700**	**$20,800**	**$49,400**	**$31,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 179 - BX FORMER (P. S. 40 - BX)
Asset # : 513

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$85,500	
Windows								
Aluminum	100%	0-2	$77,200	2023	$772,200	5	$9,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Copper/Terne	10%			2059	* *	5	$4,900	
Masonry: Brick	25%			LIFE	* *	5	$2,500	
Metal Rail	65%			2037	* *	5-10	$118,300	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$73,300	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$7,200	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$13,500	2033	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	90%	Now	$319,200	2029	* *	3	$46,900	
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$6,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,500	
Plaster	65%	Now	$32,100	LIFE	* *	5	$24,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$59,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	25%	Now	$14,000	2037	* *	5	$21,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%	Now	$111,800	LIFE	* *	5	$10,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	25%	Now	$22,800	LIFE	* *	5	$21,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 179 - BX FORMER (P. S. 40 - BX)
Asset # : 513

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	90%			2023	$161,400	5	$2,100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2024	$25,600	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$928,600	10	$76,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2029	* *	10	$200	
Incandescent	5%			2019	$51,600	2	$100	
Egress Lighting								
Exit, Service	50%			2029	* *	1		
Exit, Battery	50%			2029	* *	10	$3,100	
Exterior Lighting								
HID	100%			2019	$339,900	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	* *	1	$5,000	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2029	* *	1-3	$8,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 179 - BX FORMER (P. S. 40 - BX)
Asset # : 513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$28,800	
Conversion Equipment								
Steam Boiler	100%	Now	$452,200	2044	* *	1	$82,800	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Water Gauge, Safety Valve, Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$64,900	2024	$648,600	4	$4,600	
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%	Now	$5,000	2024	$100,200	1	$10,300	
Broken, Extent : Light, Area Affected : 100%								
Location : Auditorium Blower								
Convector/Radiator	75%			2029	* *	1	$22,500	
Fan Coil Unit/Heat	5%			2024	$69,500	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$76,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	20%			2024	$20,500	2	$600	
Roof	80%	Now	$3,000	2019	$59,100	2	$1,800	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 179 - BX FORMER (P. S. 40 - BX)
Asset # : 513

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Water Pressure Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 179 - Q**		
Address	: **196-25 PECK AVE. @ 64 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q179**
Program / Asset #	: **BOE0973.000 / 2882**	**Yr Built/Renovated**	: **1955 / 2010**
Area Sq Ft	: **74,103**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7128** **Lot** : **10**	**BIN**	: **4153407**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,200	$40,300
Interior Architecture	$235,800	$682,800
Electrical	$847,200	$501,600
Mechanical	$108,100	$440,700
Total	**$1,288,200**	**$1,665,400**
Importance Code A	$97,200	$401,100
Importance Code B	$1,191,000	$1,194,600
Importance Code C		$69,800
Total	**$1,288,200**	**$1,665,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$12,800	$16,200
Interior Architecture	$26,800	$13,400	$8,700	
Electrical	$8,900	$1,500	$11,600	$1,900
Mechanical	$82,000	$11,100	$34,700	$11,100
Total	**$117,700**	**$26,000**	**$67,700**	**$29,300**
Importance Code A	$7,300	$7,300	$20,300	$23,500
Importance Code B	$110,300	$14,300	$47,500	$5,700
Importance Code C		$4,400		
Total	**$117,700**	**$26,000**	**$67,700**	**$29,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$40,300	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$4,000	
Windows								
Aluminum	100%			2040	* *	5	$32,400	
Recent Installation, Extent : Light, Area Affected : 15%								
Location : Cafeteria, Stairs								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$2,400	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Metal Rail	35%			2041	* *	5-10	$25,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$1,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2029	* *	10	$97,200	
Ponding, Extent : Light, Area Affected : 5%								
Location : Throughout								
Copper/Terne	5%			2039	* *	10	$12,800	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$3,300	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout Bathrooms								
Terrazzo	2%			LIFE	* *	5	$1,700	
Vinyl Tile	65%			2024	$613,000	3	$27,000	
Vinyl Tile	25%			2019	$235,800	3	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Auditorium								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$10,400	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$8,700	
Concrete Masonry Unit	60%			LIFE	* *	5	$69,800	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	12%			LIFE	* *	5	$10,500	
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	23%	4+	$20,600	2029	* *	5	$15,900	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout Corridors								
AcousTileSusp.Lay-In	5%	4+	$4,500	2029	* *	5	$2,800	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	70%			LIFE	* *	5	$12,100	
Exposed Struc: Steel	2%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	5%			2044	* *	1		
Conduit	5%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$100	
Fused Disc Sw	5%			2023	$6,700	5	$100	
Fused Knife Sw	5%	2-4	$6,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	85%			2049	* *	5	$1,700	
Wiring								
Braided Cloth	65%	2-4	$113,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	5%			2044	* *	1		
Thermoplastic	10%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2019	$617,400	10	$51,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2034	* *	10	$10,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	2%			2024	$11,800	10		
Incandescent	8%			2019	$65,900	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,900	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$279,900	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$23,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Connection								
Explanation : Gas Supply Not Installed								
Conversion Equipment								
Steam Boiler	100%			2022	$360,700	1	$73,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,900	2034	* *	4	$3,700	
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$79,900	1	$9,200	
Convector/Radiator	80%			2029	* *	1	$19,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 179 - Q

Asset # : 2882

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2019	$60,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,300	
Exhaust Fans								
Interior	20%			2024	$16,400	2	$500	
Roof	80%	Now	$47,100	2034	* *	2	$1,500	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$23,000	2054	* *	4	$7,300	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Hot Water Heater								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Hot Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2034	* *	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 18 - BX**
Address : **502 MORRIS AVENUE @E. 148 STREET**
Borough : **BRONX**
Agency's Number : **X018**
Program / Asset # : **BOE0167.000 / 498**
Yr Built/Renovated : **1952 / 2013**
Area Sq Ft : **70,000**
Project Type : **EDUCATION**
Date of Survey : **28-May-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2324** **Lot** : **8**
BIN : **2000816**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$131,500
Interior Architecture	$456,900	$349,100
Electrical	$687,000	$566,400
Mechanical	$59,000	$156,800
Total	**$1,203,000**	**$1,203,900**
Importance Code A		$168,500
Importance Code B	$1,203,000	$1,035,400
Total	**$1,203,000**	**$1,203,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$12,300	$17,500	
Interior Architecture	$18,500	$4,300	$19,800	
Electrical	$15,700	$2,100	$18,500	$2,000
Mechanical	$9,900	$12,200	$26,600	$14,800
Total	**$44,100**	**$30,800**	**$82,300**	**$16,800**
Importance Code A	$7,100	$19,400	$24,800	$7,100
Importance Code B	$35,400	$11,500	$57,600	$9,600
Importance Code C	$1,600			
Total	**$44,100**	**$30,800**	**$82,300**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2044	* *	10	$7,700	
Fiberglass Panel	10%			2033	* *	5	$24,500	
Masonry: Brick	85%			LIFE	* *	5	$55,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Face Brick								
Windows								
Aluminum	100%			2049	* *	5	$24,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$10,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	20%			2044	* *	5	$10,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping								
Roof								
Built-Up (BUR)	100%			2032	* *	10	$76,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Cafeteria, Auditorium, Gymnasium								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$2,800	LIFE	* *	5	$11,800	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room								
Ceramic Tile	3%			2027	* *	5	$3,200	
Terrazzo	5%	2-4	$12,500	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	32%			2024	$292,400	3	$12,900	
Vinyl Tile	50%			2019	$456,900	3	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,200	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$16,900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$8,700	
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$16,000	
Plaster	85%			LIFE	* *	5	$56,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$13,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	70%	2-4	$94,200	2049	* *	5	$600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	15%			2023	$20,200	5	$300	
Molded Case Bkrs	5%			2046	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	95%	2-4	$165,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	97%			2032	* *	10	$63,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2024	$8,000	10	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-12 Lamps								
Incandescent	2%			2019	$16,000	2		
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$8,700	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2024	$264,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$63,500	1	$7,800	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$217,500	1-3	$12,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Heating System Is Running Off A Temporary Boiler - Main System Is Under Construction								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$71,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Heating System Is Running Off A Temporary Boiler - Main System Is Under Construction								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,300	
Terminal Devices								
Air Handler	20%			2024	$77,400	1	$8,900	
Convector/Radiator	80%			2029	* *	1	$18,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$59,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,000	
Exhaust Fans								
Interior	100%			2024	$79,400	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : System Is Under Construction								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$22,300	4	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : System Is Under Construction								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : System Is Under Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 18 - BX

Asset # : 498

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 180 - BK**		
Address	: **16 AVENUE & 57 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K180**
Program / Asset #	: **BOE0477.000 / 1342**	**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **5492** **Lot** : **1**	**BIN**	: **3130809**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$117,200	$310,500
Interior Architecture	$888,900	$780,400
Electrical	$357,100	$886,400
Mechanical	$1,033,300	$869,200
Total	**$2,396,500**	**$2,846,400**
Importance Code A	$117,200	$352,500
Importance Code B	$1,866,300	$2,450,000
Importance Code C	$413,100	$43,900
Total	**$2,396,500**	**$2,846,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,000			$19,500
Interior Architecture		$5,200		$10,500
Electrical	$800	$1,300	$1,700	$23,900
Mechanical	$21,900	$16,000	$25,000	$15,200
Total	**$66,700**	**$22,600**	**$26,700**	**$69,100**
Importance Code A	$55,100	$11,100	$11,100	$30,900
Importance Code B	$11,600	$11,500	$15,600	$38,300
Importance Code C				
Total	**$66,700**	**$22,600**	**$26,700**	**$69,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,400	
Masonry: Brick	85%			LIFE	* *	5	$177,100	
Masonry: Granite	3%			LIFE	* *	5	$4,700	
Masonry: Marble	2%			LIFE	* *	5	$3,100	
Metal Panel	5%			2045	* *	5-10	$71,600	
Windows								
Aluminum	95%	2-4	$117,200	2041	* *	5	$28,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Tentative Annual Examination Scheduled Through June 30, 2014								
Glass Block	5%	Now	$29,400	LIFE	* *	5	$1,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%	Now	$12,700	2030	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%	Now	$2,000	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Ceramic Tile	5%	Now	$162,600	2040	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 66%								
Location : Throughout								
Marble Panels	5%			LIFE	* *	5	$6,300	
Vinyl Tile	25%			2030	* *	3	$15,700	
Vinyl Tile	45%	2-4	$32,100	2025	$642,100	3	$28,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%	Now	$71,300	2035	* *	3	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : 9x9 Tiles Throughout								
Wood	10%	2-4	$110,700	2040	* *	5	$15,700	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$66,100	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	Now	$288,300	2040	* *	5	$5,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%	Now	$58,700	LIFE	* *	5	$43,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,600	
Plaster	90%	0-2	$99,100	LIFE	* *	5	$94,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Water Present, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2025	$146,600	5	$400	
Fused Disc Sw	25%			2045	* *	5	$100	
Raceway								
Conduit	20%			2045	* *	1		
Conduit	80%			2025	$166,900	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$300	
Molded Case Bkrs	30%			2041	* *	5	$900	
Molded Case Bkrs	60%			2024	$107,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2038	* *	5	$700	
Locally Mounted	10%			2023	$11,500	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Water Main							
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$98,700	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Using T-8 Lamps							
Fluorescent	4%			2030	* *	10	$4,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Auditorium							
	Explanation : Compact Flourescent							
Egress Lighting								
Emergency, Battery	20%			2030	* *	10	$5,400	
Emergency, Battery	30%			2020	$45,400	10	$8,100	
Exit, Service	20%			2030	* *	1		
Exit, Service	30%			2020	$9,100	1		
Exterior Lighting								
HID	100%			2025	$411,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$8,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2030	* *			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Mechanical Room, Storage Room And Kitchen							
	Explanation : Partial Installation							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$39,100	2035	* *	4	$5,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Steam Traps And Thermostats, Various Areas								
Terminal Devices								
Air Handler	10%			2020	$60,500	1	$6,900	
Convector/Radiator	50%			2023	$529,500	1	$18,100	
Fan Coil Unit/Heat	40%			2020	$671,500	1	$14,500	
Air Conditioning								
Energy Source								
Electricity	100%			2024	$190,500	1		
Conversion Equipment								
Window/Wall Unit	60%			2018	$138,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%	Now	$6,200	2020	$123,900	2	$2,700	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2035	* *	1		
Galv Iron/Steel	25%			2023	$83,700	1		
Water Heater								
Gas Fired	100%			2023	$26,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2033	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - BK

Asset # : 1342

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$65,500	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 180 - M**		
Address	: **370 WEST 120 STREET @ MORNINGSIDE AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M180**
Program / Asset #	: **BOE0107.000 / 1658**	**Yr Built/Renovated**	: **1960 / 2002**
Area Sq Ft	: **83,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1946** **Lot** : **1**	**BIN**	: **1059111**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$212,400	$461,000
Interior Architecture	$654,500	
Electrical	$382,700	$765,900
Mechanical	$132,100	
Total	**$1,381,700**	**$1,227,000**
Importance Code A	$212,400	$498,000
Importance Code B	$1,114,400	$728,900
Importance Code C	$54,900	
Total	**$1,381,700**	**$1,227,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,300		$23,200	
Interior Architecture	$41,200		$20,000	$11,200
Electrical	$21,500	$2,300	$35,700	$1,900
Mechanical	$58,600	$13,200	$21,400	$13,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$166,600**	**$19,400**	**$104,300**	**$30,800**
Importance Code A	$49,800	$8,500	$31,900	$8,500
Importance Code B	$101,400	$10,900	$72,400	$22,400
Importance Code C	$15,400			
Total	**$166,600**	**$19,400**	**$104,300**	**$30,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$18,500	
Masonry: Brick	80%	0-2	$144,700	LIFE	* *	5	$63,100	
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : Glazed Brick								
Metal Panel	10%			2044	* *	5-10	$54,200	
Pre-Cast Concrete	5%	Now	$6,500	LIFE	* *	5	$12,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Window Sills								
Windows								
Aluminum	95%	0-2	$67,700	2040	* *	5	$8,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Recently Replaced								
Glass Block	5%	0-2	$4,200	LIFE	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,600	
Masonry: Brick	35%			LIFE	* *	5	$3,300	
Metal Rail	30%			2037	* *	5-10	$50,400	
Pre-Cast Concrete	30%			LIFE	* *	5	$17,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Atop Parapet Wall								
Explanation : Pre Cast Coping Units								
Roof								
Built-Up (BUR)	95%			2024	$294,200	10	$64,200	
Copper/Terne	5%			2039	* *	10	$8,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$6,700	LIFE	* *	5	$28,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%	0-2	$6,200	2033	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	10%			LIFE	* *	5	$10,000	
Vinyl Tile	15%			2029	* *	3	$9,600	
Vinyl Tile	55%	0-2	$599,600	2034	* *	3	$26,400	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout Hallways And Classrooms								
Explanation : 9 inch X 9 inch Tiles								
Wood	5%	4+	$10,600	2052	* *	5	$6,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$7,800	2033	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	15%	Now	$7,600	LIFE	* *	5	$6,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement Electrical Room								
Glass Block	5%			LIFE	* *			
Mosaic Tile	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$15,300	
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Corridor Throughout								
SGFT/Glazed Masonry	25%	Now	$54,900	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : At Auditorium Rear Doors								
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$40,000	
Exposed Concrete	60%			LIFE	* *	5	$12,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2029	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : In Gymnasium								
Explanation : Acoustical Application								
Plaster	5%			LIFE	* *	5	$4,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : (2) 600 Amp Fused Switch - Empire Switchboard Equipment.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$171,100	5	$2,200	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2034	* *	1		
Panelboards								
Molded Case Bkrs	30%			2032	* *	5	$700	
Molded Case Bkrs	70%			2023	$125,600	5	$1,500	
Wiring								
Braided Cloth	70%			2023	$178,900	1		
Thermoplastic	30%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2037	* *	5	$400	
Locally Mounted	30%			2022	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	96%			2032	* *	10	$75,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Bldg								
Explanation : T-8 Lamps								
Incandescent	2%			2019	$19,000	2		
Incandescent	2%	Now	$19,000	2034	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : In Auditorium Rear								
Explanation : Fixtures Not Working - Inadequate Lighting								
Egress Lighting								
Emergency, Service	50%			2019	$21,100	1		
Exit, Service	50%			2019	$11,600	1		
Exterior Lighting								
HID	100%			2019	$313,500	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$50,200	1	$6,200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2032	* *	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (1) 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$84,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$29,900	2034	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Condensate Return Line And Vacuum / Condensate Pumps								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2029	* *	1	$13,200	
Convector/Radiator	75%			2029	* *	1	$20,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$132,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	
Exhaust Fans								
Interior	20%			2029	* *	2	$500	
Roof	80%	Now	$2,700	2029	* *	2	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 180 - M

Asset # : 1658

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2023	$19,900	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit - 900 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Unit								
Sewage Ejector(s)								
Electric	100%	Now	$11,100	2034	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,200	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul 102 Wet System								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers.								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 181 - BK**
Address : **1023 NEW YORK AVENUE BTWN SNYDER AVE - TILDEN AVE**
Borough : **BROOKLYN**
Agency's Number : **K181**
Program / Asset # : **BOE0478.000 / 2598**
Yr Built/Renovated : **1922 / 2007**
Area Sq Ft : **128,000**
Project Type : **EDUCATION**
Date of Survey : **04-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **4904** **Lot** : **10** **BIN** : **3327776**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,766,700	$389,100
Interior Architecture	$164,200	$705,700
Electrical	$1,171,200	$299,900
Mechanical	$78,900	$589,900
Total	**$3,181,000**	**$1,984,600**
Importance Code A	$1,766,700	$401,700
Importance Code B	$1,414,300	$1,244,300
Importance Code C		$338,600
Total	**$3,181,000**	**$1,984,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$112,800			
Interior Architecture	$157,700		$18,500	$1,200
Electrical	$15,400	$12,000	$19,000	$11,000
Mechanical	$60,400	$72,400	$49,800	$28,900
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$356,100**	**$94,300**	**$97,100**	**$51,100**
Importance Code A	$125,500	$13,000	$12,700	$12,700
Importance Code B	$156,500	$81,300	$84,400	$38,400
Importance Code C	$74,100			
Total	**$356,100**	**$94,300**	**$97,100**	**$51,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$173,200	LIFE	* *	5	$95,600	
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,600	
Masonry: Brick	25%			LIFE	* *	5	$61,200	
Masonry: Brick	45%	Now	$332,200	LIFE	* *	5	$110,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	2%	Now	$28,900	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$66,800	LIFE	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2043	* *	5-10	$168,200	
Pre-Cast Concrete	3%	Now	$12,100	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$1,100,800	2039	* *	5	$32,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 202, 204, 318, 418, 518, 509								
Metal Louvers	5%			2032	* *	10	$21,600	
Parapets								
Concrete Masonry Unit	25%	Now	$11,600	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	65%	0-2	$33,600	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$2,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	20%	Now	$21,800	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
IRMA/Protected Membrane	70%			2028	* *	10	$48,000	
Single Ply Membrane	10%	Now	$4,600	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,100	LIFE	* *	5	$21,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$19,100	2026	$191,000	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$5,700	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%	Now	$13,700	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%			2028	* *	3	$55,400	
Vinyl Tile	5%	Now	$4,200	2023	$83,800	3	$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : General Office And Auditorium								
Wood	5%	4+	$32,500	2038	* *	5	$9,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$15,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2026	$338,600	5	$12,300	
Concrete Masonry Unit	20%			LIFE	* *	5	$19,600	
Glass Block	2%			LIFE	* *			
Masonry: Brick	5%	0-2	$9,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	3%	0-2	$29,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	25%			LIFE	* *	5	$18,400	
Plaster	20%	Now	$19,700	LIFE	* *	5	$14,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium, Room 506								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$47,800	2036	* *	5	$36,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$3,200	2036	* *	5	$9,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5	$1,500	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$12,300	
Plaster	45%	Now	$116,400	LIFE	* *	5	$55,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2023	$12,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	70%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Electrical Room								
Explanation : One 4000 Amps And 1600 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Kva 480hv-220/120lv								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	$117,300	5	$300	
Fused Disc Sw	40%			2043	* *	5	$200	
Raceway								
Conduit	40%			2043	* *	1		
Conduit	60%			2023	$125,200	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	65%			2039	* *	5	$2,200	
Molded Case Bkrs	20%			2022	$44,800	5	$700	
Wiring								
Braided Cloth	60%	2-4	$179,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2021	$23,000	5	$200	
Motor Control Center	80%			2036	* *	5	$2,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$39,400	
Generators								
Diesel	100%			2032	* *	1	$49,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$4,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2039	* *	5	$12,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2051	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gals								
Lighting								
Interior Lighting								
Fluorescent	40%			2018	$585,000	10	$48,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	57%			2028	* *	10	$68,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$31,500	10	$100	
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	60%			2018	$290,100	10	$200	
HID	40%			2028	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2051	* *	5	$700	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$23,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger	5%			2026	$1,400	1	$3,300	
Steam Boiler	95%			2028	* *	1	$123,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2039	* *	4	$2,600	
Steam Piping/Pump	60%	Now	$27,600	2033	* *	4	$3,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$142,000	1	$16,300	
Convector/Radiator	40%			2028	* *	1	$17,000	
Fan Coil Unit/Heat	40%	Now	$78,900	2028	* *	1	$15,300	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2023	$178,700	1	$24,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Window/Wall Unit	10%			2018	$27,100	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2043	* *	4	$2,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2023	$111,900	1	$32,600	
No Component	60%							
Heat Rejection								
Remote Air Cond	40%			2023	$157,300	2	$36,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,400	
Exhaust Fans								
Roof	100%			2028	* *	2	$4,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - BK

Asset # : 2598

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$30,600	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$7,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$66,400	
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$3,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 181 - Q**		
Address	: **148-15 230 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q181**
Program / Asset #	: **BOE0824.000 / 1514**	**Yr Built/Renovated**	: **1964 / 2001**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,ph**		
Block	: **13718** **Lot** : **1**	**BIN**	: **4291453**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$620,500	$106,800
Interior Architecture	$122,500	$92,300
Electrical	$564,400	$812,600
Mechanical	$45,800	
Total	**$1,353,300**	**$1,011,700**
Importance Code A	$620,500	$106,800
Importance Code B	$732,800	$904,900
Total	**$1,353,300**	**$1,011,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,800	$3,800		$6,800
Interior Architecture	$15,300	$23,600	$1,700	$1,400
Electrical	$5,800	$6,600	$6,400	$52,300
Mechanical	$16,000	$18,000	$18,800	$61,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$42,900**	**$56,000**	**$30,800**	**$125,600**
Importance Code A	$9,200	$11,200	$7,400	$14,300
Importance Code B	$33,700	$44,800	$23,400	$111,300
Importance Code C				
Total	**$42,900**	**$56,000**	**$30,800**	**$125,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$23,500	
Masonry: Brick Cavity	20%			LIFE	* *	5	$10,000	
Masonry: Brick Cavity	60%	Now	$112,700	LIFE	* *	5	$30,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Limestone	2%			LIFE	* *	5	$800	
Metal Panel	2%			2045	* *	5-10	$6,900	
Granite Panels	3%			LIFE	* *	5	$1,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$4,900	
Windows								
Aluminum	30%			2047	* *	5	$3,700	
Aluminum	60%	Now	$308,900	2050	* *	5	$3,700	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$400	
Metal Louvers	5%			2038	* *	10	$3,800	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5	$3,400	
Metal Rail	70%			2038	* *	5-10	$169,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Roof								
Built-Up (BUR)	58%			2030	* *	10	$56,700	
Copper/Terne	2%			2040	* *	10	$4,900	
Modified Bitumen	40%			2030	* *	10	$39,100	
Interior								
Floors								
Cast in Place Concrete	13%			LIFE	* *	5	$31,600	
Cast in Place Concrete	10%			LIFE	* *	5	$24,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	2%			2038	* *	5	$2,200	
Ceramic Tile	3%			2034	* *	5	$3,300	
Vinyl Tile	22%			2033	* *	3	$9,200	
Vinyl Tile	40%			2030	* *	3	$16,700	
Vinyl Tile 9" X 9"	10%			2020	$122,500	3	$5,600	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$9,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$5,900	
Plaster	30%			LIFE	* *	5	$8,900	
SGFT/Glazed Masonry	10%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%			2038	* *	5	$27,800	
AcousTileSusp.Lay-In	25%			2042	* *	5	$27,800	
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Exposed Concrete	35%			LIFE	* *	5	$6,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$36,300			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	70%			2045	* *	5	$200	
Fused Disc Sw	30%			2025	$44,000	5	$100	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	15%			2024	$20,200	5	$200	
Molded Case Bkrs	40%			2041	* *	5	$800	
Molded Case Bkrs	45%			2024	$60,500	5	$900	
Wiring								
Braided Cloth	50%	2-4	$86,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Main Water Pipe, Point Of Contact Not Visible; Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$22,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2034	* *	1	$27,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : 200 Kw Nameplate Rating								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$16,000	
Fuel Storage								
Day Tank	50%			2041	* *	5	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 75 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	45%			2030	* *	10	$30,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	50%			2020	$412,700	10	$34,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
HID	2%			2020	$11,900	10		
Incandescent	3%			2020	$24,800	2	$100	
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$271,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$65,400	1	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$223,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns, Smoke Detector And Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$23,000	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$73,600	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 2 Units							
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,700	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : There Is No Condensate Tank							
Terminal Devices								
Air Handler	30%			2030	* *	1	$13,800	
Convector/Radiator	70%			2030	* *	1	$16,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$10,300	
	R-22 Refrigerant, Extent : Light, Area Affected : 30%							
	Location : New Wing Penthouse							
Window/Wall Unit	30%			2020	$45,800	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$1,600	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$13,800	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2030	* *	2	$15,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$16,600	
No Component	60%							
Exhaust Fans								
Interior	30%			2030	* *	2	$700	
Roof	10%			2025	$5,900	2	$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$17,300	2	$1,100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 181 - Q

Asset # : 1514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Floors 1, 2, Ph							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$11,200	
Sprinkler								
No Component	67%							
Generic	33%			2045	* *	1-2	$6,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 182 - BX**		
Address	: **601 STICKBALL BLVD. @RANDALL AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X182**
Program / Asset #	: **BOE0307.000 / 367**	**Yr Built/Renovated**	: **1977 / 2011**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Apr-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3564** **Lot** : **1**	**BIN**	: **2021923**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$109,700	$209,900
Interior Architecture	$493,900	$1,124,900
Electrical		$1,671,700
Mechanical	$54,100	$642,100
Total	**$657,700**	**$3,648,600**
Importance Code A	$109,700	$209,900
Importance Code B	$270,700	$3,278,500
Importance Code C	$277,400	$160,300
Total	**$657,700**	**$3,648,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,500	$7,100		$7,300
Interior Architecture	$12,300	$29,500		$12,300
Electrical	$3,700	$2,400	$1,500	$1,900
Mechanical	$56,000	$45,000	$31,200	$18,300
Total	**$78,500**	**$84,000**	**$32,700**	**$39,700**
Importance Code A	$15,300	$15,900	$8,700	$15,900
Importance Code B	$63,200	$68,100	$24,000	$23,800
Importance Code C				
Total	**$78,500**	**$84,000**	**$32,700**	**$39,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	92%			LIFE	* *	5	$54,400	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : East Facade, Throughout, 2011								
Metal Panel	5%			2033	* *	5-10	$20,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,800	
Windows								
Aluminum	100%			2045	* *	5	$14,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$155,500	
Metal Panel	5%			2043	* *	5	$3,100	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$109,700	
Metal Panel	5%	Now	$6,500	2028	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	5%			2026	$127,200	5	$6,600	
Quarry Tile	5%			2028	* *	5	$9,800	
Terrazzo	5%			LIFE	* *	5	$5,100	
Vinyl Tile	75%			2023	$837,400	3	$49,200	
Wood	5%	0-2	$216,500	2063	* *	5	$6,200	
Uneven Surface, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2026	$160,300	5	$5,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,600	
Folding Partition	5%	0-2	$277,400	2031	* *	5	$7,300	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium And Cafeteria								
Explanation : Custodian Disengaged The Automatic Settings And Now Moves Them Manually								
Metal Panel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$15,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$23,200	
Ceilings								
AcousTileConcealSpLn	30%			2028	* *	5	$49,200	
Exposed Concrete	65%			LIFE	* *	5	$13,300	
Exposed Struc: Steel	5%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Swicth								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$400	
Raceway								
Conduit	95%			2033	* *	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$200	
Fused Knife Sw	1%	2-4	$1,800	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	89%			2031	* *	5	$2,000	
Wiring								
Thermoplastic	95%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	60%			2028	* *	5	$300	
Motor Control Center	40%			2028	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$877,000	10	$72,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2023	$14,000	10	$100	
Incandescent	8%			2023	$78,000	2	$200	
Egress Lighting								
Emergency, Battery	50%			2023	$59,200	10	$10,600	
Exit, Service	50%			2023	$11,800	1		
Exterior Lighting								
HID	100%			2023	$321,000	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$264,100	1-3	$16,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$27,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7500 Gallon Tanks, Energy Source Has Been Converted From #6 Oil To #4 Oil								
Conversion Equipment								
Steam Boiler	1%	Now	$200	2043	* *	1	$800	
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Leaky Mud Leg On 1 Of 2 Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers								
Steam Boiler	99%			2028	* *	1	$86,000	
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,500	
Terminal Devices								
Air Handler	20%			2023	$94,600	1	$10,900	
Convector/Radiator	60%			2028	* *	1	$17,000	
Induction Unit	20%	Now	$3,400	2026	$67,000	1	$5,100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Class Rooms								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	5%	Now	$11,800	2038	* *	1	$4,300	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Equipment Room Above Kitchen,1 Of 2 Defective Chiller Compressor								
Centrifugal, Elec Chiller	25%			2026	$59,100	1	$23,700	
Ext Pkg Unit - Cooling	10%			2023	$40,500	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Explanation : Split Units Serves Second Floor Coves And Office Spaces								
Window/Wall Unit	5%	Now	$9,000	2023	$9,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Class Rooms, Multiple Mechanical And Electrical Defects								
Window/Wall Unit	30%			2018	$54,100	1		
No Component	25%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Basement Is Not Serviced By Cooling Equipment								
Distribution								
Chilled Wtr Pipe/Pump	35%			2033	* *	4	$2,300	
No Component	65%							

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DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2023	$104,100	1	$10,900	
Fan Coil - Cool/Heat	15%			2023	$186,800	1	$4,300	
Other Observation, Extent : Light, Area Affected : 15%								
Location : First Floor								
Explanation : Fan Coil Units In All First Floor Classrooms								
No Component	65%							
Heat Rejection								
Air Condenser Unit	35%			2023	$46,000	2	$21,400	
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,900	
Exhaust Fans								
Interior	20%			2023	$19,400	2	$500	
Roof	30%			2028	* *	2	$800	
Roof	50%			2023	$34,900	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	100%			2021	$13,600	4	$800	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	10%	Now	$1,100	2033	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, 1 Of 2 Defective Pumps								
Rigid Piping	90%			2023	$10,000	4	$1,500	
Sewage Ejector(s)								
Electric	10%	Now	$1,100	2033	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, 1 Of 2 Defective Pumps								
Electric	90%			2023	$10,000	4	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$44,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 182 - BX

Asset # : 367

Mechanical	Current Repair			Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
No Component	95%								
Generic	5%			2033	* *		1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%									
Location : Basement									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 183 - BK**			
Address	:	**76 RIVERDALE AVE. BTWN: STRAUSS ST, HERZL ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K183**
Program / Asset #	:	**BOE0479.000 / 29**	**Yr Built/Renovated**	:	**1923 / 2010**
Area Sq Ft	:	**78,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**05-Nov-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**3597** **Lot** : **11**	**BIN**	:	**3082253**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$232,700	$224,600
Interior Architecture	$653,300	$305,700
Electrical	$121,700	$633,700
Mechanical	$56,000	$781,500
Total	**$1,063,700**	**$1,945,500**
Importance Code A	$232,700	$261,600
Importance Code B	$738,500	$1,683,900
Importance Code C	$92,500	
Total	**$1,063,700**	**$1,945,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,100	$21,100	$13,000	
Interior Architecture	$58,400		$6,700	$8,300
Electrical	$2,400	$1,800	$1,100	$900
Mechanical	$50,600	$11,800	$18,200	$11,800
Total	**$148,500**	**$34,700**	**$39,100**	**$21,000**
Importance Code A	$45,000	$29,000	$21,000	$7,900
Importance Code B	$95,000	$5,700	$14,400	$13,000
Importance Code C	$8,500		$3,700	
Total	**$148,500**	**$34,700**	**$39,100**	**$21,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$116,500	
Masonry: Brick	85%			LIFE	* *	5	$253,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$29,100	
Stucco Cement	7%			2039	* *	5	$26,100	
Windows								
Aluminum	100%			2048	* *	5	$42,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$31,000	
Masonry: Brick	75%			LIFE	* *	5-10	$56,000	
Metal Panel	15%			2046	* *	5	$6,300	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$39,700	
Copper/Terne	5%			2054	* *	10	$5,200	
Interior								
Floors								
Cast in Place Concrete	18%			LIFE	* *	5	$94,600	
Ceramic Tile	5%			2029	* *	5	$6,000	
Terrazzo	5%			LIFE	* *	5	$9,400	
Traffic Topping	2%	Now	$29,800	2036	* *	5	$1,500	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Vinyl Tile	40%	0-2	$408,400	2036	* *	3	$18,000	
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%			2021	$198,400	3	$9,000	
Wood	15%			2041	* *	5	$33,800	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$37,400	
Ceramic Tile	5%			2029	* *	5	$7,500	
Masonry: Brick	15%			LIFE	* *	10	$6,700	
Marble Panels	3%			LIFE	* *	10	$1,800	
Plaster	67%			LIFE	* *	5-10	$85,100	
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$12,000	
Exposed Concrete	10%			LIFE	* *	5-10	$15,000	
Plaster	75%			LIFE	* *	5-10	$154,800	
Plaster	5%			LIFE	* *	5-10	$10,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	5%			2025	$6,700	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$69,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$1,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Case								
LED	3%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$54,100	10	$9,700	
Exit, Service	50%			2026	$10,800	1		
Exterior Lighting								
HID	100%			2021	$294,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$70,800	1	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$56,000	2036	* *	4	$4,000	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Rusted And Leaking As Well, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Locations - Live Steam Returns								
Terminal Devices								
Air Handler	20%	Now	$4,300	2026	$86,500	1	$8,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Convector/Radiator	80%			2024	$606,300	1	$20,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	$33,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,800	
Exhaust Fans								
Interior	100%	Now	$8,900	2026	$88,700	2	$2,000	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : 2 Units, Penthouse								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - BK

Asset # : 29

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2036	* *	1	$4,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : New Installation							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$18,700	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 183 - M**
Address : **419 EAST 66 STREET BTWN YORK AVE - FIRST AVE**
Borough : **MANHATTAN**
Agency's Number : **M183**
Program / Asset # : **BOE0108.000 / 1659**
Yr Built/Renovated : **1904 / 2010**
Area Sq Ft : **54,356**
Project Type : **EDUCATION**
Date of Survey : **24-Feb-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1461** **Lot** : **7**
BIN : **1045569**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$193,800
Interior Architecture		$41,800
Electrical	$376,200	$152,300
Mechanical	$273,900	$353,900
Total	**$650,100**	**$741,800**
Importance Code A	$54,400	$193,800
Importance Code B	$595,700	$548,000
Total	**$650,100**	**$741,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$3,900
Interior Architecture	$5,800	$11,500		$10,500
Electrical	$500	$400		$19,400
Mechanical	$3,500	$23,300	$14,100	$25,200
Total	**$9,700**	**$35,200**	**$14,100**	**$59,000**
Importance Code A		$5,500	$5,500	$9,400
Importance Code B	$9,700	$29,700	$8,600	$46,900
Importance Code C				$2,600
Total	**$9,700**	**$35,200**	**$14,100**	**$59,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	13%			LIFE	* *	5	$105,500	
Masonry: Brick	85%			LIFE	* *	5	$88,300	
Metal Panel	2%			2045	* *	5-10	$14,300	
Windows								
Aluminum	100%			2041	* *	5	$29,400	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$4,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	88%			LIFE	* *	5	$6,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	4%			LIFE	* *	5	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2035	* *	10	$29,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$18,300	
Ceramic Tile	5%			2040	* *	5	$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	55%			2035	* *	3	$23,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	30%			2030	* *	3	$9,400	
Interior Walls								
Ceramic Tile	5%			2040	* *	5	$5,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$25,000	
Ceilings								
AcousTileSusp.Lay-In	20%			2038	* *	5	$16,700	
Plaster	20%			LIFE	* *	5	$10,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$31,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	70%			2047	* *	5	$1,000	
Molded Case Bkrs	20%			2033	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$40,800	5	$300	
Locally Mounted	10%			2045	* *	5		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$400	
Generic	50%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$49,200	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2025	$8,900	10		
Incandescent	2%			2020	$12,400	2		
Egress Lighting								
Emergency, Service	50%			2025	$13,800	1		
Exit, Service	45%			2020	$6,800	1		
Exit, Service	5%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$205,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$17,300	
Conversion Equipment								
Steam Boiler	100%	Now	$54,400	2030	* *	1	$49,800	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Boiler Feed Tank								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	Now	$78,100	2035	* *	4	$2,800	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Condensate Return Lines								
Terminal Devices								
Air Handler	20%			2025	$60,300	1	$6,900	
Convector/Radiator	80%			2030	* *	1	$14,500	
Air Conditioning								
Energy Source								
Electricity	100%			2024	$126,700	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$92,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,200	
Exhaust Fans								
Interior	80%			2020	$49,400	2	$1,400	
Roof	20%			2025	$8,900	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2023	$167,000	1		
Water Heater								
Gas Fired	100%			2018	$13,000	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2035	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$28,200	
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - M

Asset # : 1659

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 183 - Q**		
Address	: **2-45 BEACH 79 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q183**
Program / Asset #	: **BOE0825.000 / 1515**	**Yr Built/Renovated**	: **1962 / 2013**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16112** **Lot** : **1**	**BIN**	: **4303354**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$188,800
Interior Architecture	$714,700	$42,300
Electrical	$290,400	$912,000
Mechanical		$476,700
Total	**$1,005,100**	**$1,619,800**
Importance Code A		$505,400
Importance Code B	$1,005,100	$1,114,400
Total	**$1,005,100**	**$1,619,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,200		$34,200
Interior Architecture	$8,100	$24,300	$6,100	$20,300
Electrical	$1,600	$1,600	$2,500	$1,900
Mechanical	$56,000	$14,300	$22,500	$81,700
Total	**$65,700**	**$45,500**	**$31,100**	**$138,100**
Importance Code A	$16,900	$12,800	$7,500	$41,900
Importance Code B	$48,800	$32,800	$20,700	$96,200
Importance Code C			$2,900	
Total	**$65,700**	**$45,500**	**$31,100**	**$138,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$16,800	
Masonry: Brick Cavity	85%			LIFE	* *	5	$61,000	
Masonry: Brick Cavity	5%			LIFE	* *	5	$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Bulkheads								
Metal Panel	5%			2055	* *	5-10	$24,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria, East And West Facades								
Windows								
Aluminum	30%			2050	* *	5	$4,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Stairs And Gymnasium								
Aluminum	65%			2033	* *	5	$10,500	
Metal Louvers	5%			2034	* *	10	$5,000	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$7,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	30%			2045	* *	5-10	$63,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Modified Bitumen	100%			2035	* *	10	$85,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : High Water Table								
Ceramic Tile	5%			2034	* *	5	$6,500	
Vinyl Tile	25%			2030	* *	3	$12,200	
Vinyl Tile 9" X 9"	50%			2020	$714,700	3	$32,400	
Wood	10%			2040	* *	5	$24,300	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$6,900	
Plaster	55%			LIFE	* *	5	$18,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$40,500	
Exposed Concrete	50%			LIFE	* *	5	$10,100	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$42,300			
Plaster	15%			LIFE	* *	5	$12,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$85,500	5	$200	
Fused Disc Sw	50%			2045	* *	5	$200	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	75%			2024	$134,500	5	$1,700	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$15,100	5	$100	
Locally Mounted	80%	2-4	$60,400	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$75,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
HID	2%			2033	* *	10	$100	
Incandescent	1%			2025	$9,600	2		
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$10,500	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2025	$317,200	10	$300	
Alarm								
Security System								
No Component	50%							
Generic	50%			2025	$127,100	1	$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV And Intrusion Alarm Systems Are Functional								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	75%			2025	$160,100	5	$20,100	
Natural Gas	25%	Now	$400	2051	* *	1		
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Basement								
Explanation : No Vent In Gas Room!!								
Conversion Equipment								
Furnace	25%			2033	* *	1	$10,700	
Other Observation, Extent : Light, Area Affected : 25%								
Location : H Wing								
Explanation : 4 Units								
Steam Boiler	75%	Now	$15,800	2023	$316,500	1	$58,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	75%			2035	* *	4	$3,200	
No Component	25%							
Terminal Devices								
Air Handler	15%			2030	* *	1	$8,000	
Convector/Radiator	60%			2030	* *	1	$16,800	
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2033	* *	2	$1,300	
Other Observation, Extent : Light, Area Affected : 25%								
Location : H Wing Roof								
Explanation : 4 Package Units Using R-134a Refrigerant								
Window/Wall Unit	15%			2020	$26,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,300	
Exhaust Fans								
Interior	20%			2030	* *	2	$500	
Roof	80%			2030	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%	0-2	$26,900	2055	* *	4	$8,600	
Corroded, Extent : Severe, Area Affected : 60%								
Location : Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 183 - Q

Asset # : 1515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Store Rooms And Kitchen								
Explanation : Limited Area Served								
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 184 - BK**
Address : **273 NEWPORT STREET BTWN: WATKINS ST., MOTHER GAST**
Borough : **BROOKLYN** | **Agency's Number** : **K184**
Program / Asset # : **BOE0480.000 / 1343** | **Yr Built/Renovated** : **1923 / 2005**
Area Sq Ft : **79,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3606** **Lot** : **1** | **BIN** : **3082391**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$523,000	$408,200
Interior Architecture	$512,000	$49,400
Electrical	$268,300	$542,500
Mechanical	$56,700	$190,400
Total	**$1,360,000**	**$1,190,500**
Importance Code A	$523,000	$445,200
Importance Code B	$782,900	$745,300
Importance Code C	$54,100	
Total	**$1,360,000**	**$1,190,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$55,500		$6,100	
Interior Architecture	$55,700	$3,000	$3,800	$13,700
Electrical	$11,100		$300	$1,000
Mechanical	$78,600	$12,900	$17,600	$12,100
Total	**$200,900**	**$16,000**	**$27,700**	**$26,800**
Importance Code A	$63,500	$8,000	$14,100	$8,000
Importance Code B	$106,400	$7,900	$9,800	$18,800
Importance Code C	$31,000		$3,800	
Total	**$200,900**	**$16,000**	**$27,700**	**$26,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$118,000	
Masonry: Brick	90%			LIFE	* *	5	$271,800	
Masonry: Limestone	5%			LIFE	* *	5	$11,300	
Windows								
Wood	100%			2048	* *	5	$426,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$15,700	
Masonry: Brick	90%	Now	$114,800	LIFE	* *	5	$9,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Interior Face								
Metal Rail	5%			2039	* *	5-10	$10,000	
Roof								
Built-Up (BUR)	90%	Now	$34,900	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fifth Floor								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 501, 509, 512 And Others								
Cast in Place Concrete	5%			LIFE	* *	10	$3,500	
Copper/Terne	5%			2054	* *	10	$5,300	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$6,100	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile	50%	2-4	$103,400	2031	* *	3	$22,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Gym, Corridors, Classrooms								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
Explanation : Defective Substrate Under Tiles								
Vinyl Tile	20%			2036	* *	3	$9,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor								
Vinyl Tile 9" X 9"	20%	Now	$268,000	2036	* *	3	$9,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria And Various Others Locations								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$18,900	
Ceramic Tile	5%			2029	* *	5	$7,600	
Masonry: Brick	20%			LIFE	* *	10	$9,100	
Marble Panels	5%			LIFE	* *	10	$3,000	
Plaster	65%			LIFE	* *	5-10	$83,700	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2031	* *	5	$24,300	
Exposed Concrete	15%			LIFE	* *	5-10	$22,800	
Plaster	65%			LIFE	* *	5-10	$135,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$146,600	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	95%			2025	$127,800	5	$2,000	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2026	$52,200	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Recent Replace Evident, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	94%			2036	* *	10	$70,100	
T-8 Lamps, Extent : Moderate, Area Affected : 94%								
Location : Throughout The Building								
Fluorescent	3%			2036	* *	10	$2,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 3%								
Location : Lobby								
HID	3%			2021	$19,500	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2021	$54,800	10	$9,800	
Exit, Service	50%			2021	$11,000	1		
Exterior Lighting								
HID	25%			2021	$74,600	10	$100	
HID	75%			2036	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$80,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$56,700	2036	* *	4	$4,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2026	$109,500	1	$12,600	
Convector/Radiator	75%	0-2	$28,800	2031	* *	1	$17,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rooms: 305, 307, 405, 409, 505, 509 On 3rd, 4th And 5th Floors.								
Explanation : Faulty Stream Traps								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$8,400	2024	$16,700	1		
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 50% Of Window Units Not Working								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - BK

Asset # : 1343

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2026	$80,800	2	$2,200	
Roof	10%			2026	$6,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 184 - M**				
Address	: **327 CHERRY STREET @ MONTGOMERY ST.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M137**	
Program / Asset #	: **BOE0083.000 / 2854**		**Yr Built/Renovated**	: **1966 / 2007**	
Area Sq Ft	: **83,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Oct-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **245**	**Lot** : **7**	**BIN**	: **1003143**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$114,600	$124,400
Interior Architecture	$1,236,400	
Electrical	$1,448,800	$574,500
Mechanical	$123,300	$168,100
Total	**$2,923,000**	**$867,000**
Importance Code A	$114,600	$124,400
Importance Code B	$2,772,600	$742,600
Importance Code C	$35,900	
Total	**$2,923,000**	**$867,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,500			$8,500
Interior Architecture	$13,600	$3,200	$6,000	$26,400
Electrical	$9,900	$1,500	$1,600	$24,700
Mechanical	$17,200	$3,500	$17,400	$29,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$53,100**	**$12,100**	**$29,000**	**$92,600**
Importance Code A	$8,500		$2,500	$8,600
Importance Code B	$44,600	$12,100	$23,600	$83,900
Importance Code C			$2,800	
Total	**$53,100**	**$12,100**	**$29,000**	**$92,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - M

Asset # : 2854

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$19,700	
Masonry: Brick Cavity	95%			LIFE	* *	5	$74,900	
Windows								
Aluminum	100%			2047	* *	5	$17,000	
Parapets								
Masonry: Brick Cavity	25%			LIFE	* *	5	$2,300	
Metal Rail	75%	Now	$55,800	2030	* *	5	$49,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Deteriorated Finish, Extent : Moderate, Area Affected : 50% *Location : Throughout*								
Roof								
Built-Up (BUR)	95%	Now	$58,800	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25% *Location : Over Fourth Floor*								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15% *Location : Bulkheads*								
Copper/Terne	5%			2040	* *	10	$8,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,000	
Ceramic Tile	5%			2034	* *	5	$6,400	
Vinyl Tile 9" X 9"	85%			2020	$1,200,500	3	$54,500	
Interior Walls								
Cast in Place Concrete	5%	Now	$35,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5% *Location : Foundation At Room 11*								
Ceramic Tile	5%			2034	* *	5	$5,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$13,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$25,600	
AcousTileSusp.Lay-In	5%			2038	* *	5	$6,400	
Exposed Concrete	65%			LIFE	* *	5	$13,000	
Gypsum Board	10%			LIFE	* *	5	$16,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - M

Asset # : 2854

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	75%			2025	$128,300	5	$300	
Fused Disc Sw	25%			2045	* *	5	$100	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2033	* *	5	$400	
Molded Case Bkrs	65%			2024	$116,600	5	$1,400	
Molded Case Bkrs	5%			2041	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	20%			2025	$51,100	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - M

Asset # : 2854

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2020	$808,800	10	$66,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	7%			2030	* *	10	$5,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	5%			2025	$47,600	10	$3,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2025	$6,800	10		
Incandescent	2%			2020	$19,000	2		
Egress Lighting								
Emergency, Battery	20%			2030	* *	10	$4,100	
Exit, Service	80%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$313,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$75,300	1	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, And Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2034	* *	5	$5,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - M

Asset # : 2854

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$12,000	2035	* *	4	$4,200	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Condensate Returns In Room B6								
Terminal Devices								
Air Handler	20%			2025	$92,400	1	$10,600	
Convector/Radiator	80%			2030	* *	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	15%			2030	* *	2	$800	
Window/Wall Unit	70%			2020	$123,300	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	
Exhaust Fans								
Interior	80%			2025	$75,800	2	$2,100	
Roof	20%	Now	$1,400	2020	$13,600	2	$400	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1-4								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 184 - Q**		
Address	: **163-15 21 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q184**
Program / Asset #	: **BOE0826.000 / 1516**	**Yr Built/Renovated**	: **1952 / 2014**
Area Sq Ft	: **57,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5756** **Lot** : **1**	**BIN**	: **4129072**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$143,000
Interior Architecture	$213,400	$558,100
Electrical	$1,282,600	$193,400
Mechanical	$36,100	$845,700
Total	**$1,532,100**	**$1,740,100**
Importance Code A		$427,600
Importance Code B	$1,446,800	$1,312,500
Importance Code C	$85,300	
Total	**$1,532,100**	**$1,740,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$40,700			$24,700
Interior Architecture	$8,100		$10,400	$13,600
Electrical	$58,200	$800	$900	$20,900
Mechanical	$33,600	$8,200	$13,200	$33,800
Total	**$140,700**	**$9,100**	**$24,500**	**$93,100**
Importance Code A	$46,500	$5,800	$5,800	$30,500
Importance Code B	$94,200	$3,300	$17,800	$62,500
Importance Code C			$900	
Total	**$140,700**	**$9,100**	**$24,500**	**$93,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$40,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Windows								
Aluminum	100%			2047	* *	5	$17,600	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5	$9,700	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	30%			2042	* *	5-10	$81,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Over Third Floor								
Roof								
Built-Up (BUR)	50%			2033	* *	10	$41,200	
Built-Up (BUR)	15%			2033	* *	10	$12,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Gymnasium								
Copper/Terne	5%			2053	* *	10	$10,300	
IRMA/Protected Membrane	30%			2030	* *	10	$24,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$19,100	
Ceramic Tile	3%			2034	* *	5	$2,600	
Terrazzo	2%	Now	$8,100	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Steps Near Auditorium Wing								
Vinyl Tile	75%			2025	$558,100	3	$24,600	
Wood	10%	Now	$57,700	2040	* *	5	$8,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	2%			2034	* *	5	$1,800	
Glazed Ceramic Panel	3%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$15,900	
SGFT/Glazed Masonry	25%	Now	$85,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$27,200	
AcousTileSusp.Lay-In	10%	Now	$70,300	2045	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Exposed Concrete	55%			LIFE	* *	5	$7,500	
Plaster	10%			LIFE	* *	5	$5,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Knife Sw	25%	2-4	$26,200	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	30%	2-4	$31,400	2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	5%			2041	* *	5	$100	
Molded Case Bkrs	35%			2024	$36,600	5	$500	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2020	$630,000	10	$52,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$9,300	10		
Incandescent	1%			2020	$6,500	2		
Egress Lighting								
Emergency, Battery	30%			2030	* *	10	$4,200	
Exit, Service	70%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$215,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$51,700	1	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Intrusion Alarm System Only; Motion Sensors Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$177,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$18,100	
Conversion Equipment								
Steam Boiler	100%			2023	$284,600	1	$57,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$20,400	2025	$408,300	4	$2,900	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2025	$94,600	1	$10,900	
Convector/Radiator	70%			2030	* *	1	$13,200	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 184 - Q

Asset # : 1516

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	$36,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,600	
Exhaust Fans								
Interior	90%			2025	$58,200	2	$1,600	
Roof	10%	0-2	$900	2020	$4,600	2	$100	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Kitchen Exhaust Is Under Sized								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$34,900	1		
HW Heat Exchanger								
Low Temp	100%			2025	$18,100	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 185 - BK**		
Address	: **8601 RIDGE BLVD BTWN: 86 ST., 87 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K185**
Program / Asset #	: **BOE0481.000 / 2621**	**Yr Built/Renovated**	: **1921 / 2010**
Area Sq Ft	: **54,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **6043** **Lot** : **1**	**BIN**	: **3153416**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$335,500	$98,000
Interior Architecture	$631,100	$413,100
Electrical	$104,300	$219,000
Mechanical		$272,200
Total	**$1,071,000**	**$1,002,300**
Importance Code A	$335,500	$98,000
Importance Code B	$602,600	$904,300
Importance Code C	$132,900	
Total	**$1,071,000**	**$1,002,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,500		$10,800	
Interior Architecture	$50,100		$3,100	$5,700
Electrical	$1,600	$900	$600	$1,000
Mechanical	$51,500	$8,600	$12,200	$7,700
Total	**$122,700**	**$9,500**	**$26,800**	**$14,500**
Importance Code A	$25,100	$5,500	$16,300	$5,500
Importance Code B	$76,000	$4,000	$10,400	$7,400
Importance Code C	$21,700			$1,600
Total	**$122,700**	**$9,500**	**$26,800**	**$14,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$295,800	LIFE	* *	5	$98,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,700	
Windows								
Aluminum	100%			2051	* *	5	$29,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$21,400	
Masonry: Brick	90%			LIFE	* *	5-10	$46,500	
Roof								
Built-Up (BUR)	75%			2034	* *	10	$21,700	
Paver: Asphalt	25%			2039	* *	10	$10,800	
Interior								
Floors								
Asphalt Poured	10%			2024	$11,400	5	$4,200	
Terrazzo	5%	0-2	$19,300	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	10%			2031	* *	3	$3,100	
Vinyl Tile 9" X 9"	40%	Now	$109,900	2021	$366,300	3	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	35%	0-2	$191,900	2041	* *	5	$27,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,100	
Masonry: Brick	10%			LIFE	* *	10	$3,100	
Marble Panels	2%	0-2	$16,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	80%	Now	$132,900	LIFE	* *	5	$24,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5-10	$10,400	
Plaster	90%	Now	$196,400	LIFE	* *	5	$46,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor, Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout 5th Floor, Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	85%			2026	$105,300	1		
Conduit	15%			2052	* *	1		
Panelboards								
Molded Case Bkrs	60%			2025	$62,800	5	$900	
Molded Case Bkrs	40%			2048	* *	5	$600	
Wiring								
Braided Cloth	60%	2-4	$104,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	99%			2034	* *	10	$50,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2034	* *	10	$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$6,700	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station, Alarm Bells , Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil # 2 With 7500 Gal Capacity Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,400	2046	* *	4	$2,700	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum / Condensate Pump								
Terminal Devices								
Air Handler	15%	Now	$900	2021	$44,900	1	$4,600	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Basement Air Handler, Bearing								
Convector/Radiator	85%			2031	* *	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 185 - BK

Asset # : 2621

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2024	$34,300	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,000	
Exhaust Fans								
Interior	100%	Now	$6,100	2026	$61,400	2	$1,400	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Penthouse & Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Air Handlers								
Explanation : Missing Belts, Bearings Need Replacement								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$165,900	1		
Water Heater								
Gas Fired	100%			2026	$12,900	2	$800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank With 225 Gal Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 185 - M TANDEM M208 03**			
Address	:	**20 WEST 112 STREET @ 5TH AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M185**
Program / Asset #	:	**BOE0109.000 / 1660**	**Yr Built/Renovated**	:	**1968 /**
Area Sq Ft	:	**135,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**19-Dec-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,3,4**			
Block	:	**1595** **Lot** : **15**	**BIN**	:	**1051410**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$452,600	$929,600
Interior Architecture	$1,768,400	$709,300
Electrical	$966,800	$661,900
Mechanical	$1,138,000	$2,237,300
Total	**$4,325,800**	**$4,538,200**
Importance Code A	$1,130,900	$959,000
Importance Code B	$2,888,800	$3,579,100
Importance Code C	$306,100	
Total	**$4,325,800**	**$4,538,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,300			
Interior Architecture	$53,300			$20,900
Electrical	$15,700	$66,400	$3,800	$2,600
Mechanical	$105,400	$35,100	$32,700	$19,700
Total	**$213,800**	**$101,500**	**$36,400**	**$43,100**
Importance Code A	$39,300	$14,100	$13,800	$13,800
Importance Code B	$152,500	$87,400	$22,600	$29,300
Importance Code C	$22,000			
Total	**$213,800**	**$101,500**	**$36,400**	**$43,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 185 - M TANDEM M208 03

Asset # : 1660

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	Now	$271,000	LIFE	* *	5	$89,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	30%	Now	$25,400	LIFE	* *	5	$125,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$115,800	2039	* *	5	$13,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$6,000	
Pre-Cast Concrete	60%	Now	$6,500	LIFE	* *	5	$57,000	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	22%	Now	$5,500	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	75%	Now	$65,800	2023	$657,700			
Metal Panel	3%	Now	$1,900	2036	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,800	
Ceramic Tile	5%	Now	$202,100	2038	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
Slate	5%	Now	$145,700	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,100	
Vinyl Tile	40%			2023	$709,300	3	$41,700	
Vinyl Tile	40%	Now	$141,900	2018	$709,300	3	$31,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								

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DEPARTMENT OF EDUCATION - 040

P. S. 185 - M TANDEM M208 03

Asset # : 1660

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Interior								
Interior Walls								
Folding Partition	3%	Now	$22,000	2031	* *	5	$6,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	62%	Now	$91,800	LIFE	* *	5	$34,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$214,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%	Now	$38,800	2028	* *	5	$20,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2036	* *	5	$20,800	
Exposed Concrete	67%	4+	$224,600	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	3%	2-4	$20,900	LIFE	* *	5	$7,800	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps And One 1000 Amps Main Disconnect								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$175,900	5	$500	
Fused Disc Sw	20%			2043	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 185 - M TANDEM M208 03

Asset # : 1660

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	80%			2023	$198,000	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$33,600	5	$500	
Fused Toggle Switch	1%	2-4	$2,200	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	64%			2022	$143,500	5	$2,300	
Molded Case Bkrs	20%			2039	* *	5	$700	
Wiring								
Braided Cloth	80%	2-4	$277,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$900	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2028	* *	10	$118,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2028	* *	10	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	3%			2018	$33,400	10	$100	
Incandescent	1%			2018	$15,500	2		
Egress Lighting								
Emergency, Service	20%			2028	* *	1		
Emergency, Battery	30%			2018	$56,400	10	$10,100	
Exit, Service	40%			2028	* *	1		
Exit, Service	10%			2018	$3,800	1		
Exterior Lighting								
HID	100%			2018	$509,900	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2028	* *	1-3	$28,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 185 - M TANDEM M208 03

Asset # : 1660

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%	Now	$17,200	2023	$343,200	5	$21,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Oil Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$678,300	2043	* *	1	$124,200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boilers, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$48,600	2023	$972,900	4	$6,900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2018	$225,400	1	$25,900	
Convector/Radiator	70%	Now	$18,400	2021	$921,300	1	$28,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats, Throughout Building								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$85,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,700	
Exhaust Fans								
Interior	10%	Now	$1,500	2018	$15,400	2	$300	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lack Of Ventilation								
Explanation : Main Sprinkler Service Room								
Roof	90%	Now	$5,000	2018	$99,700	2	$3,100	
Broken, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 185 - M TANDEM M208 03

Asset # : 1660

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2017	$32,400	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$20,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%	0-2	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Sub Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 1st Floor								
Explanation : One Obsolete Unit - Inoperable								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 186 - BK**
Address : **7601 19 AVENUE BTWN: 76 ST., 77 ST.**
Borough : **BROOKLYN**
Agency's Number : **K186**
Program / Asset # : **BOE0482.000 / 2620**
Yr Built/Renovated : **1923 / 2010**
Area Sq Ft : **81,592**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,p**
Block : **6239** **Lot** : **1**
BIN : **3160923**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$546,000	$250,500
Interior Architecture	$789,800	$319,600
Electrical	$217,200	$537,300
Mechanical		$138,000
Total	**$1,553,000**	**$1,245,500**
Importance Code A	$546,000	$287,500
Importance Code B	$856,500	$958,000
Importance Code C	$150,500	
Total	**$1,553,000**	**$1,245,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,300			
Interior Architecture	$83,600		$2,400	$11,300
Electrical	$2,200	$600	$900	$1,300
Mechanical	$43,200	$15,000	$18,700	$12,100
Total	**$160,400**	**$15,600**	**$22,000**	**$24,600**
Importance Code A	$39,600	$8,300	$8,300	$8,300
Importance Code B	$77,700	$7,300	$13,700	$14,000
Importance Code C	$43,100			$2,300
Total	**$160,400**	**$15,600**	**$22,000**	**$24,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$121,800	
Masonry: Brick	95%			LIFE	* *	5	$296,300	
Windows								
Aluminum	15%	Now	$277,000	2051	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Aluminum	83%			2042	* *	5	$36,600	
Glass Block	2%			LIFE	* *	5	$1,100	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$70,200	
Masonry: Limestone	10%			LIFE	* *	5-10	$13,900	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$41,500	
Copper/Terne	5%			2061	* *	10	$5,500	
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,800	
Marble Panels	2%	0-2	$9,100	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	Now	$14,600	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	15%			2031	* *	3	$7,100	
Vinyl Tile	20%			2026	$213,600	3	$12,600	
Vinyl Tile	25%	Now	$267,000	2036	* *	3	$11,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	30%	0-2	$248,600	2041	* *	5	$35,300	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$98,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	3%			2035	* *	5	$4,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$12,500	
Masonry: Brick	12%			LIFE	* *	10	$5,600	
Marble Panels	5%	0-2	$31,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%			LIFE	* *	5-10	$53,200	
Plaster	20%			LIFE	* *	5-10	$26,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5-10	$15,700	
Plaster	90%			LIFE	* *	5-10	$194,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1000 Amps Service								
Switchgear / Switchboard								
Fused Disc Sw	30%			2046	* *	5	$100	
Molded Case Bkrs	70%			2046	* *	5	$1,500	
Raceway								
Conduit	85%			2026	$146,700	1		
Conduit	15%			2046	* *	1		
Panelboards								
Molded Case Bkrs	40%			2042	* *	5	$900	
Molded Case Bkrs	60%			2025	$107,600	5	$1,300	
Wiring								
Braided Cloth	85%	2-4	$217,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$77,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-8								
Egress Lighting								
Emergency, Service	50%			2036	* *	1		
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$6,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$169,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Basement								
Explanation : Oil # 2, 1 Tank 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$83,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$6,200	
Terminal Devices								
Air Handler	20%			2031	* *	1	$10,400	
Convector/Radiator	80%			2031	* *	1	$21,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2027	* *	2	$300	
Window/Wall Unit	80%			2024	$138,000	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,100	
Exhaust Fans								
Interior	80%			2031	* *	2	$2,100	
Roof	20%			2031	* *	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - BK

Asset # : 2620

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$19,500	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gal								
Sanitary Piping								
Cast Iron	100%	0-2	$3,600	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement By Sanitary Trap								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 186 - Q**				
Address	: **252-12 72 AVENUE BTWN: 71 RD., LITTLE NECK PKWY.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q186**
Program / Asset #	: **BOE0828.000 / 1517**			**Yr Built/Renovated**	: **1953 / 2011**
Area Sq Ft	: **77,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Jan-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **8401**	**Lot**	: **375**	**BIN**	: **4173640**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$452,700	$53,900
Interior Architecture	$296,300	$872,500
Electrical	$121,700	$787,600
Mechanical	$113,700	$1,846,900
Total	**$984,400**	**$3,561,000**
Importance Code A	$452,700	$438,400
Importance Code B	$495,700	$3,122,500
Importance Code C	$36,000	
Total	**$984,400**	**$3,561,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,900			
Interior Architecture	$70,900		$9,500	$11,700
Electrical	$23,800	$1,000	$1,100	$1,600
Mechanical	$82,300	$23,200	$40,800	$14,900
Total	**$208,900**	**$24,200**	**$51,400**	**$28,100**
Importance Code A	$39,900	$7,800	$7,800	$7,800
Importance Code B	$144,800	$16,400	$41,800	$20,300
Importance Code C	$24,200		$1,800	
Total	**$208,900**	**$24,200**	**$51,400**	**$28,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$33,700	
Masonry: Brick	75%			LIFE	* *	5	$107,800	
Masonry: Brick Cavity	15%	Now	$80,900	LIFE	* *	5	$10,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5, Foundation								
Weepholes Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Metal Panel	5%			2052	* *	5-10	$24,700	
Windows								
Aluminum	100%	Now	$112,100	2042	* *	5	$13,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	95%	Now	$133,100	LIFE	* *	5	$14,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corners								
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$9,300	
Roof								
Built-Up (BUR)	95%	Now	$72,700	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 201, 202, Bulkheads								
Modified Bitumen	5%			2034	* *	10	$4,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,900	
Ceramic Tile	3%			2035	* *	5	$3,500	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	15%			2031	* *	3	$6,700	
Vinyl Tile 9" X 9"	67%			2021	$872,500	3	$39,600	
Wood	5%			2054	* *	5	$11,100	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,800	
Glazed Ceramic Panel	2%			LIFE	* *	10	$2,100	
Masonry: Brick	5%			LIFE	* *	10	$1,800	
Plaster	55%			LIFE	* *	5-10	$55,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 5								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$17,900	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$29,400	
Exposed Concrete	50%			LIFE	* *	5-10	$73,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 201, 202 Bulkheads								
Metal Panel	10%	Now	$196,100	LIFE	* *	5	$14,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	15%			LIFE	* *	5-10	$30,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	4%			2048	* *	5	$100	
Fused Knife Sw	1%	2-4	$1,300	2051	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	15%	2-4	$20,200	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	70%			2025	$94,200	5	$1,400	
Molded Case Bkrs	10%			2048	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2026	$34,800	1		
Motor Controllers								
Locally Mounted	90%			2024	$68,000	5	$500	
Locally Mounted	10%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$65,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$53,300	10	$9,500	
Exit, LED	20%			2061	* *	1		
Exit, Service	30%			2026	$6,400	1		
Exterior Lighting								
HID	100%			2026	$290,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$69,900	1	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$24,500	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Two Tanks - 10,000 Gallons Each								
Conversion Equipment								
Steam Boiler	100%			2024	$384,500	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$27,600	2026	$551,500	4	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostat For Auditorium								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2021	$85,200	1	$9,800	
Convector/Radiator	80%	Now	$11,900	2024	$596,900	1	$18,400	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 2 Radiators								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$113,700	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	100%			2021	$87,300	2	$2,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 186 - Q

Asset # : 1517

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2036	* *	1		
Galv Iron/Steel	60%	Now	$2,800	2024	$141,500	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2019	$18,400	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2026	$24,500	4	$11,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Various Areas								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 New Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 188 - BK**		
Address	: **3314 NEPTUNE AVENUE BTWN: W.33 ST. - W.35 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K188**
Program / Asset #	: **BOE0483.000 / 2747**	**Yr Built/Renovated**	: **1924 / 2000**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,p**		
Block	: **7006** **Lot** : **1**	**BIN**	: **3188726**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,172,300	$187,300
Interior Architecture	$718,300	$519,200
Electrical	$475,700	$776,200
Mechanical	$89,800	$464,000
Total	**$2,456,100**	**$1,946,700**
Importance Code A	$1,172,300	$224,300
Importance Code B	$1,174,500	$1,681,500
Importance Code C	$109,300	$40,900
Total	**$2,456,100**	**$1,946,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,200			
Interior Architecture	$56,000		$1,500	$9,900
Electrical	$2,800	$13,700	$2,000	$1,900
Mechanical	$45,500	$11,500	$18,300	$11,500
Total	**$141,600**	**$25,100**	**$21,800**	**$23,300**
Importance Code A	$45,100	$8,200	$8,000	$8,000
Importance Code B	$48,700	$16,900	$13,800	$15,200
Importance Code C	$47,800			
Total	**$141,600**	**$25,100**	**$21,800**	**$23,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,000	
Masonry: Brick	85%	Now	$774,400	LIFE	* *	5	$128,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parge/Tar Separating, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : South Facade, Bulkheads								
Masonry: Granite	3%	Now	$107,100	LIFE	* *	5	$3,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Granite Panels	5%	Now	$80,100	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	2%	Now	$5,000	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$89,400	2039	* *	5	$21,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$121,200	LIFE	* *	5	$10,500	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$5,800	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	85%	Now	$16,500	2028	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$1,500	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%	Now	$8,500	2051	* *			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2032	* *	5	$6,100	
Quarry Tile	3%	Now	$5,200	2036	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$56,500	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Traffic Topping	5%	Now	$75,400	2033	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	10%			2028	* *	3	$4,600	
Vinyl Tile	40%	Now	$82,700	2023	$413,700	3	$18,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	25%	Now	$258,500	2033	* *	3	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9x9 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	8%	Now	$23,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$24,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%	Now	$109,300	LIFE	* *	5	$40,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,900	
Plaster	85%	Now	$135,700	LIFE	* *	5	$64,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	80%			2022	$107,600	5	$1,700	
Molded Case Bkrs	10%			2039	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$300	
Locally Mounted	50%			2021	$37,800	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$73,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	1%			2023	$9,000	2		
Egress Lighting								
Exit, Service	50%			2018	$11,000	1		
Exit, Battery	50%			2023	$37,400	10	$2,700	
Exterior Lighting								
HID	100%			2023	$298,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$5,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$245,500	1-3	$14,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$7,900	2036	* *	1	$72,400	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$11,300	2033	* *	4	$4,000	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$8,800	2023	$87,600	1	$9,000	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	80%			2028	* *	1	$21,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$133,600	1		
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	2%			2028	* *	1	$500	
No Component	98%							
Heat Rejection								
Air Condenser Unit	2%			2028	* *	2	$1,100	
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,300	
Exhaust Fans								
Interior	100%	Now	$1,800	2018	$89,800	2	$2,000	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$12,100	2021	$242,700	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Pressure Tank And Booster Pumps								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Heater								
Gas Fired	100%			2021	$18,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$1,100	2023	$11,100	4	$1,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Sump Pump In Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - BK

Asset # : 2747

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
	Obsolete Fixtures, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 188 - Q**
Address : **218-12 HARTLAND AVENUE BTWN: KINGSBURY AVE., UNION TP.**
Borough : **QUEENS** | **Agency's Number** : **Q188**
Program / Asset # : **BOE0829.000 / 1518** | **Yr Built/Renovated** : **1952 / 2009**
Area Sq Ft : **58,150** | **Project Type** : **EDUCATION**
Date of Survey : **30-Sep-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **7774** **Lot** : **165** | **BIN** : **4164350**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$160,100	$51,600
Interior Architecture	$58,200	$590,100
Electrical	$121,700	$1,213,000
Total	**$340,000**	**$1,854,600**
Importance Code A	$160,100	$51,600
Importance Code B	$179,900	$1,803,100
Total	**$340,000**	**$1,854,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,700	$9,100	$6,300	
Interior Architecture	$68,400		$5,000	$6,700
Electrical	$1,800	$1,600	$700	$700
Mechanical	$28,000	$8,400	$14,000	$9,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$110,800**	**$23,000**	**$30,000**	**$21,200**
Importance Code A	$14,700	$15,000	$12,200	$5,900
Importance Code B	$47,500	$8,000	$17,700	$15,300
Importance Code C	$48,500			
Total	**$110,800**	**$23,000**	**$30,000**	**$21,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$103,200	
Masonry: Limestone	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	90%			2048	* *	5	$18,200	
Glass Block	5%			LIFE	* *	5	$1,300	
Steel	5%			2034	* *	5	$12,600	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$62,700	
Masonry: Limestone	5%	Now	$6,000	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% *Location : Coping* *Caulking Deteriorated, Extent : Moderate, Area Affected : 50%* *Location : Coping*								
Metal Security Bars	15%			2041	* *			
Roof								
Built-Up (BUR)	95%	Now	$54,900	2031	* *			
Blisters, Extent : Moderate, Area Affected : 15% *Location : Over Third Floor* *Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%* *Location : Over Third Floor* *Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%* *Location : At Central Bulkhead*								
Modified Bitumen	5%			2026	$18,400	10	$3,200	
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$7,000	
Vinyl Tile	25%			2031	* *	3	$8,400	
Vinyl Tile 9" X 9"	60%			2021	$590,100	3	$26,800	
Wood	5%			2041	* *	5	$8,400	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$7,200	
Glazed Ceramic Panel	5%			LIFE	* *	10	$4,000	
Plaster	60%			LIFE	* *	5-10	$45,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,200	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$22,200	
Exposed Concrete	60%			LIFE	* *	5-10	$66,500	
Fiber Board	5%			2021	$29,000			
Plaster	10%			LIFE	* *	5-10	$15,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	85%			2026	$105,300	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$9,100	5	$100	
Locally Mounted	80%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	90%			2026	$596,300	10	$49,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2034	* *	10	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
Fluorescent	3%			2034	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Incandescent	2%			2026	$13,300	2		
Egress Lighting								
Emergency, Battery	40%			2034	* *	10	$5,800	
Exit, Service	60%			2034	* *	1		
Exterior Lighting								
HID	100%			2026	$219,600	10	$200	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stacks Only								
Explanation : Lightning Rods								
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$52,800	1	$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$180,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$59,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$2,900	
Terminal Devices								
Air Handler	20%			2031	* *	1	$7,400	
Convector/Radiator	80%			2031	* *	1	$15,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$12,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,700	
Exhaust Fans								
Interior	95%			2031	* *	2	$1,700	
Roof	5%			2026	$2,400	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 - Q

Asset # : 1518

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$13,900	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-3							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 188 ANNEX - Q**		
Address	: **216-15 PECK AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q858**
Program / Asset #	: **BOE1096.000 / 14447**	**Yr Built/Renovated**	:
Area Sq Ft	: **20,552**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Sep-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **7774** **Lot** : **1**	**BIN**	: **4438341**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$194,900	$184,000
Interior Architecture	$327,900	$185,700
Total	**$522,800**	**$369,600**
Importance Code A	$194,900	$184,000
Importance Code B	$267,600	$185,700
Importance Code C	$60,200	
Total	**$522,800**	**$369,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,500			
Interior Architecture	$8,200		$9,600	$3,400
Electrical	$200	$400	$100	$100
Mechanical	$6,200	$4,000	$3,600	$2,700
Total	**$40,100**	**$4,400**	**$13,300**	**$6,200**
Importance Code A	$27,600	$2,000	$2,000	$2,000
Importance Code B	$4,300	$2,400	$11,300	$700
Importance Code C	$8,200			$3,400
Total	**$40,100**	**$4,400**	**$13,300**	**$6,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 ANNEX - Q

Asset # : 14447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$220,300	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$8,700	
Windows								
Aluminum	100%			2042	* *	5	$25,600	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$99,300	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$9,300	
Roof								
Modified Bitumen	100%			2031	* *	10	$73,800	
Interior								
Floors								
Quarry Tile	5%			2039	* *	5	$10,500	
Terrazzo	70%			LIFE	* *	5	$152,900	
Vinyl Tile	25%			2031	* *	3	$13,100	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$6,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$16,400	
Plaster	80%			LIFE	* *	5-10	$93,100	
Ceilings								
Gypsum Board	25%			LIFE	* *	5-10	$120,200	
Plaster	75%			LIFE	* *	5-10	$180,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$100	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$500	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 ANNEX - Q

Asset # : 14447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$18,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$2,500	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$100	
Alarm								
Security System								
No Component	90%							
Generic	10%			2034	* *	1	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Only								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Smoke Detectors, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$20,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$1,500	
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$6,600	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 188 ANNEX - Q

Asset # : 14447

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2024	$4,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$9,100	
No Component	50%							
Exhaust Fans								
Roof	50%			2031	* *	2	$300	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$4,800	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 189 - BK**		
Address	: **1100 EAST NEW YORK AVENUE @ E. 96 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K189**
Program / Asset #	: **BOE0484.000 / 1317**	**Yr Built/Renovated**	: **1923 / 2008**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **4599** **Lot** : **1**	**BIN**	: **3099537**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$464,900	$199,800
Interior Architecture	$360,400	$288,400
Electrical	$183,500	$1,786,300
Mechanical	$128,600	$1,238,400
Total	**$1,137,400**	**$3,513,000**
Importance Code A	$464,900	$199,800
Importance Code B	$440,500	$3,313,100
Importance Code C	$232,000	
Total	**$1,137,400**	**$3,513,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,700			$20,600
Interior Architecture	$11,500	$3,300	$19,400	$7,500
Electrical	$5,100	$3,400	$30,600	$2,400
Mechanical	$45,600	$11,100	$51,000	$13,900
Total	**$68,000**	**$17,800**	**$101,000**	**$44,400**
Importance Code A	$13,700	$7,900	$8,100	$28,600
Importance Code B	$52,100	$9,900	$92,900	$15,800
Importance Code C	$2,200			
Total	**$68,000**	**$17,800**	**$101,000**	**$44,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,200	
Masonry: Brick	95%	Now	$427,300	LIFE	* *	5	$141,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Areaway And Below Playground								
Windows								
Aluminum	98%			2040	* *	5	$41,300	
Metal Louvers	2%			2033	* *	10	$5,300	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$10,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,400	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$37,600	
Cast in Place Concrete	10%	Now	$5,700	LIFE	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gas Meter Room And Room 004 In Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Gas Meter Room And Room 004 In Basement								
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$3,600	
Marble Panels	3%			LIFE	* *	5	$2,700	
Quarry Tile	2%			2029	* *	5	$3,600	
Vinyl Tile	50%			2032	* *	3	$30,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	22%			2024	$224,600	3	$9,900	
Vinyl Tile	5%			2019	$51,100	3	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Explanation : 9x9 Tiles								
Wood	10%			2039	* *	5	$22,500	
Wood	5%			2059	* *	5	$11,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$47,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Steam Tunnel Chamber								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Steam Tunnel Chamber								
Ceramic Tile	3%			2027	* *	5	$4,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	77%	Now	$184,700	LIFE	* *	5	$34,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Classroom(s), Corridor(s)								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Concrete	10%	Now	$77,300	LIFE	* *	5	$1,900	
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Steam Chamber, Gas Meter Room, Room 004								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Steam Chamber, Gas Meter Room, Room 004								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$63,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Knife Sw	2%	2-4	$2,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	78%			2023	$104,900	5	$1,600	
Molded Case Bkrs	20%			2040	* *	5	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	93%			2024	$828,800	10	$68,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2024	$44,600	10	$3,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2019	$17,800	2		
Egress Lighting								
Emergency, Battery	25%			2019	$27,100	10	$4,800	
Emergency, Battery	25%			2024	$27,100	10	$4,800	
Exit, Service	25%			2019	$5,400	1		
Exit, Service	25%			2024	$5,400	1		
Exterior Lighting								
HID	100%			2024	$294,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$242,400	1-3	$14,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$560,200	4	$4,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$86,500	2034	* *	1	$8,900	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Units Are On Extended Life And Have Not Been In Service For Many Years, Basement								
Convector/Radiator	80%			2022	$606,300	1	$20,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$33,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	4+	$34,600	LIFE	* *	2-5	$44,700	
Needs Cleaning, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Exhaust Fans								
Interior	95%	Now	$42,100	2029	* *	2	$1,900	
Not in Service, Extent : Severe, Area Affected : 95%								
Location : All Units Have Not Been Working For Many Years, Penthouse								
Roof	5%	Now	$600	2024	$3,200	2	$100	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$71,900	1		
Water Heater								
Gas Fired	100%			2023	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK

Asset # : 1317

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$28,100	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 189 - BK MINISCHOOL**
Address : **1100 EAST NEW YORK AVENUE @ E. 96 ST.**
Borough : **BROOKLYN**
Agency's Number : **K889**
Program / Asset # : **BOE0484.010 / 1318**
Yr Built/Renovated : **1969 /**
Area Sq Ft : **7,500**
Project Type : **EDUCATION**
Date of Survey : **25-Feb-2013**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **4599** **Lot** : **1** **BIN** : **3099537**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$42,800	$58,800
Interior Architecture		$94,200
Electrical		$123,600
Mechanical	$98,200	
Total	**$141,000**	**$276,500**
Importance Code A	$42,800	$58,800
Importance Code B	$98,200	$217,700
Total	**$141,000**	**$276,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$22,000	$900
Interior Architecture	$300	$1,400	$5,500	
Electrical	$300	$500	$300	$300
Mechanical	$400	$500	$1,000	$500
Total	**$1,000**	**$2,400**	**$28,800**	**$1,700**
Importance Code A	$400	$400	$22,400	$1,300
Importance Code B	$500	$2,000	$6,400	$400
Importance Code C	$200			
Total	**$1,000**	**$2,400**	**$28,800**	**$1,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 189 - BK MINISCHOOL
Asset # : 1318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2044	* *	5-10	$80,800	
Windows								
Aluminum	100%			2040	* *	5	$1,800	
Roof								
Metal Panel	100%			2029	* *	10	$42,800	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$300	
Vinyl Tile	97%			2024	$94,200	3	$4,200	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$300	
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Metal Panel	92%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2029	* *	5	$11,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating								
Raceway								
Conduit	100%			2024	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2023	$22,400	5	$200	
Wiring								
Thermoplastic	100%			2024	$18,500	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$84,700	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$5,100	10	$900	
Exit, Service	50%			2024	$1,000	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - BK MINISCHOOL

Asset # : 1318

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$28,300	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$6,800	1	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2024	$38,800	1-3	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2034	* *	1		
Conversion Equipment								
Furnace	100%			2032	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2018	$98,200	2	$500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,300	
Exhaust Fans								
Interior	90%			2024	$7,600	2	$200	
Roof	10%			2024	$600	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2022	$1,200	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 189 - BK MINISCHOOL
Asset # : 1318

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 189 - M**			
Address	:	**2580 AMSTERDAM AVENUE @W. 188 STREET**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M189**
Program / Asset #	:	**BOE0112.000 / 1635**	**Yr Built/Renovated**	:	**1923 / 2012**
Area Sq Ft	:	**111,885**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**16-Oct-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**2159** **Lot** : **51**	**BIN**	:	**1076750**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,200	$282,400
Interior Architecture	$73,500	$1,304,900
Electrical	$149,200	$1,246,800
Mechanical		$93,100
Total	**$276,900**	**$2,927,200**
Importance Code A	$54,200	$282,400
Importance Code B	$222,700	$2,569,500
Importance Code C		$75,300
Total	**$276,900**	**$2,927,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$83,100		$1,500	$30,200
Interior Architecture	$32,700	$10,800	$25,800	$5,400
Electrical	$3,500	$4,800	$3,600	$3,600
Mechanical	$17,200	$18,300	$66,100	$17,800
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$141,500**	**$38,800**	**$102,000**	**$61,900**
Importance Code A	$93,300	$9,100	$11,900	$39,300
Importance Code B	$45,000	$29,700	$90,100	$22,500
Importance Code C	$3,200			
Total	**$141,500**	**$38,800**	**$102,000**	**$61,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$83,500	
Masonry: Brick	60%			LIFE	* *	5	$128,300	
Masonry: Brick	33%			LIFE	* *	5	$70,600	
Pre-Cast Concrete	2%			LIFE	* *	5	$13,900	
Windows								
Aluminum	100%			2040	* *	5	$60,400	
Parapets								
Masonry: Brick	30%			LIFE	* *	5	$4,700	
Masonry: Brick	30%	Now	$54,200	LIFE	* *	5	$4,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Metal Panel	5%			2044	* *	5	$3,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,900	
Stucco Cement	25%	Now	$20,200	2037	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of 1923 Wing								
Roof								
Built-Up (BUR)	45%	Now	$24,700	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fifth Floor Corridor Of 1923 Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Fifth Floor Corridor Of 1923 Wing								
Cast in Place Concrete	5%			LIFE	* *			
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Paver: Asphalt	20%	Now	$32,200	2027	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Single Ply Membrane	30%	Now	$6,000	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Third Floor Of 1999 Wing								
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$7,500	
Ceramic Tile	3%			2027	* *	5	$5,200	
Traffic Topping	20%			2024	$427,300	5	$43,100	
Vinyl Tile	50%			2024	$732,300	3	$32,300	
Vinyl Tile	25%			2029	* *	3	$21,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$6,400	
Gypsum Board	30%			LIFE	* *	5	$38,600	
Masonry: Brick	10%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$36,700	
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$8,600	
AcousTileSusp.Lay-In	25%			2037	* *	5	$43,100	
Exposed Concrete	5%			LIFE	* *	5	$1,300	
Plaster	65%	Now	$73,500	LIFE	* *	5	$70,000	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Auditorium, Fifth Floor Corridor, Various Classrooms On East Side Of 1923 Wing								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 2000 Amperes And 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2024	$146,100	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	70%			2023	$125,600	5	$2,100	
Molded Case Bkrs	20%			2040	* *	5	$600	
Wiring								
Braided Cloth	50%	2-4	$149,200	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2034	* *	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Under Construction	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	96%			2032	* *	10	$101,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2032	* *	10	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	2%			2024	$18,400	10	$100	
Egress Lighting								
Emergency, Service	50%			2024	$28,300	1		
Exit, Service	50%			2024	$15,500	1		
Exterior Lighting								
HID	100%			2024	$422,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$101,600	1	$12,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$347,700	1-3	$20,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station,Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2044	* *	1		
Fuel Oil No 2	70%			2044	* *	5	$25,000	
Natural Gas	20%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2029	* *	1	$11,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 6 Package Units								
Radiant Heater	10%			2029	* *	2	$5,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : New Wing Hallways And Staircases								
Explanation : 20 Electrical Units								
Steam Boiler	70%			2037	* *	1	$79,800	
Distribution								
Steam Piping/Pump	70%			2034	* *	4	$6,000	
No Component	30%							
Terminal Devices								
Air Handler	15%			2024	$93,100	1	$10,700	
Convector/Radiator	55%			2029	* *	1	$20,400	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2029	* *	2	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 6 Package Units On New Wing Roof								
Window/Wall Unit	10%			2019	$23,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,200	
Exhaust Fans								
Interior	70%			2032	* *	2	$2,500	
Roof	30%			2029	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$26,800	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$6,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 189 - M

Asset # : 1635

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2044	* *	1-5	$18,100	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing								
Explanation : New Wing Only								
Sprinkler								
No Component	70%							
Generic	30%			2044	* *	1-2	$9,700	
Fire Pump								
No Component	70%							
Generic	30%			2033	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing								
Explanation : Fire Pump For New Wing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 19 - BX**
Address : **4318 KATONAH AVENUE @E. 237-238 STS.**
Borough : **BRONX** | **Agency's Number** : **X019**
Program / Asset # : **BOE0168.000 / 499** | **Yr Built/Renovated** : **1925 / 2005**
Area Sq Ft : **36,000** | **Project Type** : **EDUCATION**
Date of Survey : **19-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3386** **Lot** : **1** | **BIN** : **2019463**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$85,600	$277,000
Interior Architecture		$400,600
Electrical	$136,000	$628,600
Mechanical	$164,200	$538,400
Total	**$385,700**	**$1,844,600**
Importance Code A	$85,600	$277,000
Importance Code B	$300,100	$1,567,600
Total	**$385,700**	**$1,844,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$8,800
Interior Architecture	$9,000	$5,900		
Electrical	$34,800	$1,300	$14,000	$1,200
Mechanical	$16,100	$4,900	$24,700	$5,800
Total	**$59,900**	**$12,100**	**$38,700**	**$15,800**
Importance Code A	$3,700	$3,700	$3,700	$12,400
Importance Code B	$48,600	$8,400	$34,900	$3,400
Importance Code C	$7,600			
Total	**$59,900**	**$12,100**	**$38,700**	**$15,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$23,000	
Masonry: Brick	87%			LIFE	* *	5	$51,200	
Masonry: Granite	5%			LIFE	* *	5	$2,200	
Masonry: Marble	3%	Now	$40,400	LIFE	* *	5	$1,300	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Main Entrance								
Windows								
Aluminum	100%			2040	* *	5	$17,500	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,200	
Masonry: Brick	93%			LIFE	* *	5	$7,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,400	
Roof								
IRMA/Protected Membrane	98%	Now	$45,200	2024	$225,800			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Skylight, Metal/Glass	2%			2044	* *	10	$1,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$12,100	
Ceramic Tile	5%			2027	* *	5	$2,800	
Vinyl Tile	65%			2024	$306,300	3	$13,500	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%			2024	$94,300	3	$4,200	
Interior Walls								
Ceramic Tile	2%	Now	$7,600	2027	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Boys Restrooms								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$17,600	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$1,300	
Plaster	85%			LIFE	* *	5	$29,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$8,300	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$97,700	5	$200	
Raceway								
Conduit	100%			2024	$52,600	1		
Panelboards								
Fused Disc Sw	20%			2023	$14,900	5	$200	
Molded Case Bkrs	40%			2023	$29,900	5	$400	
Molded Case Bkrs	40%			2032	* *	5	$400	
Wiring								
Braided Cloth	50%	0-2	$33,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$403,100	10	$33,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	2%			2019	$8,200	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$4,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$136,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$36,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$258,600	4	$1,800	
Terminal Devices								
Convector/Radiator	80%			2022	$279,800	1	$9,600	
Fan Coil Unit/Heat	20%			2019	$110,900	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$53,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,600	
Exhaust Fans								
Interior	20%			2019	$8,200	2	$200	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$33,200	1		
Water Heater								
Gas Fired	100%			2019	$8,600	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 19 - BX

Asset # : 499

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Explanation : On Extended Life And Extensive Leaking								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$13,000	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 190 - BK**		
Address	**: 590 SHEFFIELD AVENUE (NEAR RIVERDALE AVE.)**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K190**
Program / Asset #	**: BOE0485.000 / 1319**	**Yr Built/Renovated**	**: 1924 / 2011**
Area Sq Ft	**: 78,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 11-Oct-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 3838 Lot : 18**	**BIN**	**: 3085491**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$652,900	$465,000
Interior Architecture	$215,700	$818,300
Electrical		$1,490,200
Mechanical	$127,600	
Total	**$996,200**	**$2,773,600**
Importance Code A	$731,000	$465,000
Importance Code B	$181,200	$2,308,500
Importance Code C	$84,000	
Total	**$996,200**	**$2,773,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000		$9,300	
Interior Architecture	$56,100			$18,000
Electrical	$18,200	$7,500	$8,700	$7,000
Mechanical	$37,000	$14,800	$32,800	$17,900
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$142,100**	**$32,100**	**$60,700**	**$52,800**
Importance Code A	$21,000	$7,900	$17,400	$7,900
Importance Code B	$95,200	$24,200	$43,200	$44,800
Importance Code C	$25,900			
Total	**$142,100**	**$32,100**	**$60,700**	**$52,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$21,000	LIFE	* *	5	$37,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Mechanical Rooms In Basement								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$58,200	
Masonry: Brick	80%	0-2	$179,900	LIFE	* *	5	$119,300	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Repointing Throughout, 2011								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Mechanical Rooms In Basement								
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Stucco Cement	5%			2029	* *	5	$18,600	
Windows								
Wood	100%	Now	$473,000	2040	* *	5	$210,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Masonry: Brick	95%			LIFE	* *	5	$10,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Roof								
IRMA/Protected Membrane	95%			2032	* *	10	$39,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2011								
Plaza Roof: Stone Panels	5%			2044	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,400	
Ceramic Tile	3%	0-2	$7,000	2027	* *	5	$1,800	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Panel/Paver: Cer/Brk	5%			2040	* *	5	$13,500	
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	75%	4+	$76,600	2024	$765,800	3	$33,800	
Uneven Surface, Extent : Light, Area Affected : 10%								
Location : Around Room 501, 5th Floor Corridor								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2052	* *	5	$11,300	
Interior Walls								
Cast in Place Concrete	5%	Now	$23,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Rooms In Basement								
Ceramic Tile	3%			2027	* *	5	$4,500	
Concrete Masonry Unit	2%			LIFE	* *	5	$1,200	
Gypsum Board	20%			LIFE	* *	5	$17,900	
Plaster	70%	0-2	$84,000	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Room 501								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 501								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$14,600	2037	* *	5	$11,300	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Throughout 3rd To 5th Floor								
AcousTileSusp.Lay-In	5%			2037	* *	5	$6,000	
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Plaster	70%	Now	$55,200	LIFE	* *	5	$52,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Bulkhead #8, Room 501								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$200	
Molded Case Bkrs	90%			2032	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$24,000	
Generators								
Diesel	100%			2027	* *	1	$30,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One188 Kva								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$17,400	
Fuel Storage								
Main Tank	100%			2039	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$802,100	10	$66,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	5%			2032	* *	10	$3,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Multipurpose Room								
Incandescent	5%			2024	$44,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$19,700	1		
Exit, Service	50%			2024	$10,800	1		
Exterior Lighting								
HID	100%			2024	$294,600	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$282,800	1-3	$16,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$78,100	2037	* *	1	$71,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,000	2034	* *	4	$4,000	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Meter Room, Basement								
Terminal Devices								
Air Handler	75%			2029	* *	1	$37,200	
Convector/Radiator	25%			2029	* *	1	$6,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2024	$18,500	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units								
Window/Wall Unit	30%			2019	$49,500	1		
No Component	65%							
Terminal Devices								
Fan Coil - Cooling	5%			2024	$10,800	1	$1,300	
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2029	* *	2	$2,800	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,700	
Exhaust Fans								
Interior	90%			2029	* *	2	$2,200	
Roof	10%			2024	$6,400	2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 190 - BK

Asset # : 1319

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st: 5th Floor								
Explanation : One Unit								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 1st Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$41,900	
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 191 - BK**				
Address	: **1600 PARK PLACE BTWN BUFFALO AVE - RALPH AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K191**	
Program / Asset #	: **BOE0486.000 / 2**		**Yr Built/Renovated**	: **1938 / 2000**	
Area Sq Ft	: **77,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **26-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **1375**	**Lot** : **12**	**BIN**	: **3036635**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$247,100	$324,600
Interior Architecture	$419,800	$464,500
Electrical	$490,900	$1,374,600
Mechanical	$558,100	$1,383,700
Total	**$1,715,900**	**$3,547,400**
Importance Code A	$247,100	$746,200
Importance Code B	$1,416,100	$2,801,300
Importance Code C	$52,700	
Total	**$1,715,900**	**$3,547,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$83,700			
Interior Architecture	$30,000	$3,000	$5,900	$16,300
Electrical	$10,100	$800	$1,500	$49,500
Mechanical	$30,600	$11,500	$17,300	$42,200
Total	**$154,400**	**$15,300**	**$24,600**	**$107,900**
Importance Code A	$91,400	$7,800	$7,800	$8,000
Importance Code B	$48,800	$7,400	$16,800	$99,900
Importance Code C	$14,200			
Total	**$154,400**	**$15,300**	**$24,600**	**$107,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$104,800	LIFE	* *	5	$69,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads, Room 301								
Masonry: Granite	5%	2-4	$25,700	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	15%	2-4	$142,300	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$29,700	
Parapets								
Masonry: Brick	95%	Now	$27,800	LIFE	* *	5	$9,600	
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$2,700	LIFE	* *	5	$600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$12,800	2025	$255,200			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Bulkhead 4/5								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Bulkhead 4/5								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,900	
Ceramic Tile	5%			2028	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	5%			2035	* *	3	$3,000	
Vinyl Tile	30%	2-4	$15,100	2020	$301,600	3	$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	40%			2025	$402,100	3	$17,700	
Wood	10%			2040	* *	5	$22,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	7%	Now	$52,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Custodial Help Room In Basement								
Ceramic Tile	3%	2-4	$4,900	2028	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	4+	$9,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Plaster	55%			LIFE	* *	5	$19,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,800	
Plaster	85%	Now	$65,500	LIFE	* *	5	$62,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 301, 421 A								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service, No Amps Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Knife Sw	5%			2033	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	5%			2041	* *	5	$100	
Molded Case Bkrs	85%			2024	$114,400	5	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	95%	2-4	$165,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2045	* *	1		
Motor Controllers								
Locally Mounted	75%			2023	$56,700	5	$400	
Locally Mounted	25%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$833,500	10	$68,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2020	$12,600	10	$100	
Incandescent	3%			2020	$26,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$46,600	1	$5,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$279,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%	Now	$3,900	2035	* *	5	$12,200	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Leaky Fuel Oil Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground Vault In School Yard								
Explanation : (1) 100,000 Gallon Oil Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$7,700	2023	$384,500	1	$70,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boilers Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (3) #4 Oil Burning Steam Boilers 1 Of 3 Boilers Need To Be Retubed.								
Distribution								
Steam Piping/Pump	100%	Now	$110,300	2025	$551,500	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Lines								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping Are Beyond Their Useful Life Cycle Rating								
Terminal Devices								
Air Handler	20%			2020	$85,200	1	$9,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Air Handlers In Basement Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	60%			2023	$447,700	1	$15,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Radiators Throughout Are Beyond Their Useful Life Cycle Rating								
Fan Coil Unit/Heat	20%			2020	$236,500	1	$5,100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms - Multiple Mechanical And / Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms - Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$65,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,000	
Exhaust Fans								
Interior	70%			2020	$61,100	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Roof	30%			2020	$18,800	2	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, The Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - BK

Asset # : 2

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$11,800	2030	* *	1		
Broken, Extent : Light, Area Affected : 10%								
Location : Hot Water Circulating Pump								
HW Heat Exchanger								
Low Temp	100%			2025	$24,500	4	$11,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Hot Water Heat Exchanger Is Beyond Its Useful Life Cycle Rating								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sanitary Piping Is Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Storm Piping Is Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sump Pump Is Beyond Its Useful Life Cycle Rating								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Toilet Rooms								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 191 - M**
Address : **210 WEST 61 STREET BTWN: AMSTERDAM AV., WEST END A**
Borough : **MANHATTAN** | **Agency's Number** : **M191**
Program / Asset # : **BOE0114.000 / 1636** | **Yr Built/Renovated** : **1956 / 2014**
Area Sq Ft : **75,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **1152** **Lot** : **29** | **BIN** : **1030320**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$189,400	$143,800
Interior Architecture	$68,800	$587,500
Electrical	$121,700	$381,800
Mechanical		$637,400
Total	**$380,000**	**$1,750,500**
Importance Code A	$189,400	$518,400
Importance Code B	$190,500	$1,232,100
Total	**$380,000**	**$1,750,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,800	$22,500		
Interior Architecture	$115,700	$2,200	$5,400	$11,500
Electrical	$11,000		$300	$400
Mechanical	$45,400	$11,200	$16,800	$16,900
Total	**$191,000**	**$35,800**	**$22,500**	**$28,800**
Importance Code A	$26,400	$30,100	$7,600	$7,600
Importance Code B	$98,400	$5,700	$14,800	$21,200
Importance Code C	$66,100			
Total	**$191,000**	**$35,800**	**$22,500**	**$28,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - M

Asset # : 1636

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$133,000	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,300	
Windows								
Aluminum	92%			2048	* *	5	$24,000	
Aluminum	5%	Now	$54,600	2051	* *	5	$700	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Metal Louvers	3%			2035	* *	10	$4,900	
Parapets								
Masonry: Brick	80%	Now	$68,300	LIFE	* *	5	$11,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 312, 316								
Masonry: Limestone	10%			LIFE	* *	5-10	$18,000	
Metal Rail	10%			2043	* *	5-10	$26,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2034	* *	10	$77,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2061	* *	10	$10,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,400	
Ceramic Tile	5%			2035	* *	5	$5,800	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	20%			2026	$195,800	3	$11,500	
Vinyl Tile	15%			2036	* *	3	$6,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Third Floor Corridor								
Vinyl Tile	40%			2021	$391,600	3	$23,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2054	* *	5	$10,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - M

Asset # : 1636

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,200	
Plaster	10%	Now	$9,300	LIFE	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stair A								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair A, Rooms 312, 316								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair A, Rooms 312, 316								
Plaster	50%			LIFE	* *	5-10	$49,300	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$17,400	
Ceilings								
AcousTile,Adhered	30%			2031	* *	5	$34,300	
Exposed Concrete	55%			LIFE	* *	5-10	$78,600	
Plaster	15%	0-2	$11,300	LIFE	* *	5	$10,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above 3rd Floor Windows Throughout, Stair A								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$2,000	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	60%			2042	* *	5	$1,200	
Molded Case Bkrs	30%			2025	$40,400	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - M

Asset # : 1636

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2026	$34,800	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$67,700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$12,300	10	$100	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$51,900	10	$9,300	
Exit, Service	50%			2021	$10,400	1		
Exterior Lighting								
LED	100%			2036	* *			
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$23,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 20,000 Tank For #4 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2024	$374,500	1	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - M

Asset # : 1636

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$8,300	2026	$83,000	1	$8,600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Traps Pass, Control Issues								
Convector/Radiator	80%			2031	* *	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$94,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	100%			2026	$85,000	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$17,900	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Instantaneous Type, Using Heat Exchanger Tank For Storage								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2026	$11,100	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Explanation : Duplex Units, One Pump Broken								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 191 - Q**		
Address	: **85-15 258 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q191**
Program / Asset #	: **BOE0832.000 / 1521**	**Yr Built/Renovated**	: **1954 / 2000**
Area Sq Ft	: **68,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8801** **Lot** : **14**	**BIN**	: **4180083**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$477,200	$802,300
Interior Architecture	$809,700	$134,700
Electrical	$1,405,800	$367,200
Mechanical	$87,100	$631,600
Total	**$2,779,800**	**$1,935,800**
Importance Code A	$477,200	$1,182,900
Importance Code B	$2,302,600	$752,900
Total	**$2,779,800**	**$1,935,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,500			$5,000
Interior Architecture			$4,600	$17,200
Electrical	$27,700	$1,100	$1,400	$39,800
Mechanical	$35,400	$11,400	$18,900	$43,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$73,500**	**$16,400**	**$28,800**	**$109,400**
Importance Code A	$13,500	$7,000	$7,000	$12,100
Importance Code B	$60,100	$9,500	$21,800	$97,300
Importance Code C				
Total	**$73,500**	**$16,400**	**$28,800**	**$109,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	$181,200	LIFE	* *	5	$48,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%			2041	* *	5	$21,300	
Parapets								
Masonry: Brick Cavity	87%	Now	$145,200	LIFE	* *	5	$15,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Security Bars	3%			2040	* *			
Pre-Cast Concrete	10%	Now	$6,500	LIFE	* *	5	$11,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$150,800	2025	$754,000			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Above Auditorium								
Modified Bitumen	5%			2030	* *	10	$5,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,100	
Ceramic Tile	5%			2034	* *	5	$5,300	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	15%			2025	$134,700	3	$5,900	
Vinyl Tile 9" X 9"	55%	Now	$640,000	2035	* *	3	$21,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	10%			2040	* *	5	$19,800	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,300	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$19,100	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$169,800	2045	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	60%			LIFE	* *	5	$9,800	
Plaster	20%			LIFE	* *	5	$13,100	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Auditorium,Stair Tower								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment And On Extended Life								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$6,700	2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment And On Extended Life								
Fused Toggle Switch	15%	2-4	$20,200	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	15%			2033	* *	5	$300	
Molded Case Bkrs	65%			2024	$87,400	5	$1,200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$400	
Locally Mounted	10%			2042	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	94%			2020	$736,900	10	$60,800	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2025	$15,700	10	$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Case Area								
HID	1%			2020	$5,600	10		
Incandescent	3%			2020	$23,500	2		
Egress Lighting								
Emergency, Battery	50%			2025	$47,600	10	$8,500	
Exit, Service	50%			2020	$9,500	1		
Exterior Lighting								
HID	100%			2020	$259,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$62,400	1	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations, Strobe Lights, Alarm Bells, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2025	$173,800	5	$21,900	
Conversion Equipment								
Steam Boiler	100%			2023	$343,600	1	$69,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 191 - Q

Asset # : 1521

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$24,600	2035	* *	4	$3,500	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2025	$114,200	1	$13,100	
Convector/Radiator	70%			2030	* *	1	$16,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$87,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,400	
Exhaust Fans								
Interior	90%			2030	* *	2	$1,900	
Roof	10%			2020	$5,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$16,400	2	$1,000	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B - 1								
Explanation : 1 Freight Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 192 - BK**
Address : **4715 18 AVENUE BTWN: 47 ST., 48 ST.**
Borough : **BROOKLYN**
Agency's Number : **K192**
Program / Asset # : **BOE0487.000 / 1320**
Yr Built/Renovated : **1924 / 2011**
Area Sq Ft : **76,000**
Project Type : **EDUCATION**
Date of Survey : **27-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **5445** **Lot** : **1**
BIN : **3128909**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$803,200	$549,100
Interior Architecture	$384,500	$871,500
Electrical	$199,300	$1,208,600
Mechanical		$235,000
Total	**$1,387,100**	**$2,864,300**
Importance Code A	$803,200	$549,100
Importance Code B	$385,100	$2,278,000
Importance Code C	$198,700	$37,100
Total	**$1,387,100**	**$2,864,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$79,000			
Interior Architecture	$59,600		$2,200	$12,700
Electrical	$2,400	$600	$800	$1,200
Mechanical	$53,700	$11,600	$17,500	$12,700
Total	**$194,700**	**$12,200**	**$20,600**	**$26,600**
Importance Code A	$86,800	$7,700	$7,700	$7,700
Importance Code B	$96,400	$4,500	$12,800	$18,900
Importance Code C	$11,600			
Total	**$194,700**	**$12,200**	**$20,600**	**$26,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$81,900	LIFE	* *	5	$36,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast Stone/Terra Cotta	5%	Now	$118,200	LIFE	* *	5	$56,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Along Spandrel								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Along Spandrel								
Masonry: Brick	20%	Now	$263,000	LIFE	* *	5	$29,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Bulkheads								
Masonry: Brick	70%			LIFE	* *	5	$203,300	
Windows								
Glass Block	5%			LIFE	* *	5	$2,600	
Wood	95%			2048	* *	5	$389,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$30,200	
Masonry: Brick	20%	Now	$24,500	LIFE	* *	5	$2,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5-10	$50,900	
Roof								
Built-Up (BUR)	70%	Now	$13,000	2021	$130,400			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Modified Bitumen	5%			2031	* *	10	$2,000	
Paver: Asphalt	25%	Now	$18,200	2029	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,600	
Ceramic Tile	3%			2035	* *	5	$3,500	
Terrazzo	2%	Now	$10,900	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entrance								
Vinyl Tile	15%			2034	* *	3	$6,600	
Vinyl Tile	45%	2-4	$44,800	2026	$447,700	3	$19,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	0-2	$38,700	2021	$386,700	3	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	0-2	$6,000	2029	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$4,400	
Marble Panels	2%			LIFE	* *	10	$1,200	
Plaster	85%	Now	$198,700	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	80%			LIFE	* *	5-10	$117,000	
Gypsum Board	5%			LIFE	* *	5-10	$20,100	
Plaster	15%	Now	$11,500	LIFE	* *	5	$11,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead #8								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$100	
Molded Case Bkrs	80%			2046	* *	5	$1,600	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	30%			2042	* *	5	$600	
Molded Case Bkrs	60%			2025	$80,700	5	$1,200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	10%			2031	* *	10	$7,200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	84%			2021	$729,400	10	$60,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2021	$18,700	10	$100	
Incandescent	3%			2021	$26,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$19,200	1		
Exit, Service	50%			2021	$10,500	1		
Exterior Lighting								
HID	100%			2021	$287,000	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,700	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - BK

Asset # : 1320

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using # 2 Oil								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$77,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,900	
Terminal Devices								
Air Handler	20%			2021	$84,300	1	$9,700	
Convector/Radiator	80%			2031	* *	1	$20,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2021	$64,300	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,000	
Exhaust Fans								
Interior	100%	Now	$17,300	2026	$86,400	2	$1,900	
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : 2 Obsolete Units In Penthouse, Inadequate House Exhaust, Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$18,200	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$27,400	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 192 - M**
Address : **500 WEST 138 STREET @ HAMILTON PL.**
Borough : **MANHATTAN**
Agency's Number : **M192**
Program / Asset # : **BOE0115.000 / 1637**
Yr Built/Renovated : **1952 / 1997**
Area Sq Ft : **100,000**
Project Type : **EDUCATION**
Date of Survey : **18-Sep-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1988** **Lot** : **200** **BIN** : **1059815**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$762,000	$88,700
Interior Architecture	$544,500	$1,326,200
Electrical	$1,361,900	$307,200
Mechanical	$84,400	$279,600
Total	**$2,752,700**	**$2,001,600**
Importance Code A	$762,000	$125,700
Importance Code B	$1,854,300	$1,875,900
Importance Code C	$136,400	
Total	**$2,752,700**	**$2,001,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,900	$18,900	$4,500	
Interior Architecture	$72,300	$6,200		$16,300
Electrical	$9,500	$400	$1,100	$77,400
Mechanical	$15,100	$14,100	$25,600	$14,100
Total	**$135,800**	**$39,500**	**$31,200**	**$107,800**
Importance Code A	$49,000	$29,000	$14,700	$10,400
Importance Code B	$32,200	$6,600	$16,500	$97,500
Importance Code C	$54,600	$3,900		
Total	**$135,800**	**$39,500**	**$31,200**	**$107,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$8,800	
Masonry: Brick	95%	Now	$133,800	LIFE	* *	5	$88,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : Chimney								
Masonry: Limestone	3%	0-2	$30,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$291,300	2041	* *	5	$17,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Masonry: Brick	88%	Now	$200,400	LIFE	* *	5	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	2%	Now	$8,300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Moss Growth								
Metal: Cage/Fence	10%			2038	* *	5-10	$15,300	
Roof								
Built-Up (BUR)	10%	Now	$49,700	2035	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	80%			2030	* *	10	$86,800	
Metal Panel	5%			2038	* *	10	$9,900	
Roll Roofing	5%			2024	$22,400	5	$9,000	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$16,800	
Ceramic Tile	3%			2028	* *	5	$4,600	
Terrazzo	2%			LIFE	* *	5	$2,400	
Vinyl Tile	40%	0-2	$104,400	2025	$522,200	3	$23,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	45%	2-4	$152,200	2025	$761,100	3	$25,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	0-2	$24,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2028	* *	5	$7,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,100	
Masonry: Brick	5%	0-2	$30,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	2-4	$136,400	LIFE	* *	5	$25,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	2-4	$17,700	2030	* *	5	$19,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	25%	0-2	$61,300	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	45%	Now	$90,100	LIFE	* *	5	$42,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2025	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2025	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2055	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$35,900	2050	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2024	$143,500	5	$2,100	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$51,100	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$700	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$89,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	2%			2020	$16,400	10	$100	
Incandescent	3%			2020	$34,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$69,200	10	$12,400	
Exit, Service	50%			2020	$13,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2020	$377,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$414,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$101,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,100	
Terminal Devices								
Air Handler	20%			2025	$110,600	1	$12,700	
Convector/Radiator	80%			2030	* *	1	$26,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$84,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,200	
Exhaust Fans								
Interior	95%			2025	$107,700	2	$3,000	
Roof	5%			2025	$4,100	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$61,300	1		
Water Heater								
Gas Fired	100%			2023	$23,900	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M

Asset # : 1637

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 192 - M MINISCHOOL**				
Address	: **500 WEST 138 STREET @ HAMILTON PL**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M848**
Program / Asset #	: **BOE0115.010 / 453**			**Yr Built/Renovated**	: **1986 /**
Area Sq Ft	: **10,500**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Sep-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **1988**	**Lot**	: **200**	**BIN**	: **1059815**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$73,800	
Interior Architecture	$35,700	$126,400
Electrical	$267,000	$126,400
Mechanical		$137,500
Total	**$376,500**	**$390,400**
Importance Code A	$73,800	
Importance Code B	$302,700	$390,400
Total	**$376,500**	**$390,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,300	$1,300		
Interior Architecture		$200	$2,000	
Electrical			$100	$9,900
Mechanical	$700	$600	$1,600	$3,000
Total	**$7,000**	**$2,100**	**$3,700**	**$12,900**
Importance Code A	$6,800	$1,800	$500	$600
Importance Code B	$200	$300	$3,200	$12,400
Importance Code C				
Total	**$7,000**	**$2,100**	**$3,700**	**$12,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	$600	LIFE	* *	5	$2,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Metal Panel	97%	0-2	$5,700	2045	* *	5	$29,900	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Northeast Corner								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%			2033	* *	5	$2,500	
Roof								
Metal Panel	100%	Now	$73,800	2038	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,000	
Ceramic Tile	2%			2034	* *	5	$300	
Quarry Tile	2%			2038	* *	5	$500	
Vinyl Tile	93%			2025	$126,400	3	$5,600	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	$8,500	
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$35,700	2030	* *	5	$7,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$1,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$81,100	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2025	$22,200	1		
Panelboards								
Fused Disc Sw	5%			2024	$1,500	5		
Molded Case Bkrs	95%			2024	$28,400	5	$300	
Wiring								
Thermoplastic	100%			2025	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$118,600	10	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$7,200	10	$1,300	
Exit, Service	50%			2025	$1,400	1		
Exterior Lighting								
HID	100%			2020	$39,700	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2020	$108,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$13,000	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$137,500	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Equipment Room								
Explanation : 2 Units								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 192 - M MINISCHOOL

Asset # : 453

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Interior	90%			2025	$10,600	2	$300	
Roof	10%			2025	$800	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$2,500	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 193 - BK**		
Address	: **2515 AVENUE L @ BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K193**
Program / Asset #	: **BOE0488.000 / 3**	**Yr Built/Renovated**	: **1924 / 2006**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **7625** **Lot** : **1**	**BIN**	: **3208461**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$40,700	$188,800
Interior Architecture	$322,200	$62,200
Electrical	$753,800	$1,166,000
Mechanical	$82,300	$711,300
Total	**$1,199,000**	**$2,128,200**
Importance Code A	$40,700	$225,800
Importance Code B	$1,158,300	$1,902,400
Total	**$1,199,000**	**$2,128,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$27,200
Interior Architecture	$3,700	$5,900		$36,600
Electrical	$600	$800	$1,400	$17,600
Mechanical	$21,900	$11,400	$12,800	$10,600
Total	**$26,100**	**$18,100**	**$14,200**	**$92,000**
Importance Code A	$7,700	$7,700	$7,700	$35,100
Importance Code B	$18,400	$10,300	$6,500	$56,800
Importance Code C				
Total	**$26,100**	**$18,100**	**$14,200**	**$92,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$116,200	
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Masonry: Limestone	5%			LIFE	* *	5	$5,400	
Metal Panel	10%			2045	* *	5-10	$99,900	
Windows								
Aluminum	100%			2041	* *	5	$41,000	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,600	
Masonry: Brick	93%			LIFE	* *	5	$9,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$40,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,600	
Ceramic Tile	5%			2028	* *	5	$5,900	
Marble Panels	5%			LIFE	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	20%			2030	* *	3	$8,800	
Vinyl Tile 9" X 9"	25%			2020	$322,200	3	$14,600	
Wood	30%			2040	* *	5	$65,800	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Masonry: Brick	20%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$28,400	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,700	
Plaster	85%			LIFE	* *	5	$62,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	75%			2024	$100,900	5	$1,500	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	85%	2-4	$147,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Locally Mounted	50%			2038	* *	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	73%			2025	$633,900	10	$52,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	20%			2030	* *	10	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallways								
Explanation : T-8 Lamps								
HID	2%			2025	$12,500	10	$100	
Incandescent	5%			2020	$43,400	2	$100	
Egress Lighting								
Exit, Service	60%			2030	* *	1		
Exit, Battery	40%			2030	* *	10	$2,100	
Exterior Lighting								
HID	100%			2020	$287,000	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$46,000	1	$5,700	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$275,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$77,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$10,900	2035	* *	4	$3,900	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : F & T Traps								
Terminal Devices								
Air Handler	10%			2020	$42,200	1	$4,800	
Convector/Radiator	90%			2023	$664,600	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$40,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$13,100	
No Component	70%							
Exhaust Fans								
Interior	30%			2025	$25,900	2	$700	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$46,700	1		
Water Heater								
Gas Fired	100%			2023	$18,200	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - BK

Asset # : 3

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10% *Location : Boiler Room* *Explanation : Boiler Feed Line Only*								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2045	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 193 - Q**		
Address	**: 152-20 11 AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q193**
Program / Asset #	**: BOE0834.000 / 1494**	**Yr Built/Renovated**	**: 1953 / 2006**
Area Sq Ft	**: 66,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 20-Mar-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4538 Lot : 1**	**BIN**	**: 4103056**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$342,000	$58,500
Interior Architecture	$301,400	$430,800
Electrical	$731,600	$1,022,400
Mechanical		$1,022,000
Total	**$1,375,000**	**$2,533,700**
Importance Code A	$379,000	$388,100
Importance Code B	$996,000	$2,145,600
Total	**$1,375,000**	**$2,533,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,300	$28,000		
Interior Architecture	$9,400	$600	$7,900	$23,300
Electrical	$700	$1,000	$1,100	$25,400
Mechanical	$20,800	$9,600	$15,000	$55,100
Total	**$58,300**	**$39,100**	**$23,900**	**$103,800**
Importance Code A	$34,000	$34,700	$6,700	$6,700
Importance Code B	$24,200	$4,500	$17,200	$97,100
Importance Code C				
Total	**$58,300**	**$39,100**	**$23,900**	**$103,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$58,500	
Masonry: Limestone	5%			LIFE	* *	5	$2,300	
Windows								
Aluminum	95%	Now	$274,000	2041	* *	5	$10,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	3%			LIFE	* *	5	$400	
Steel	2%	Now	$27,300	2050	* *	5	$2,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5	$10,400	
Metal Rail	15%			2038	* *	5-10	$35,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$68,000	
Metal Panel	5%			2038	* *	10	$6,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,100	
Ceramic Tile	3%			2034	* *	5	$3,000	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	5%			2030	* *	3	$1,900	
Vinyl Tile	50%			2025	$430,800	3	$19,000	
Vinyl Tile 9" X 9"	27%	Now	$301,400	2035	* *	3	$10,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	5%			2040	* *	5	$9,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,100	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$15,300	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	30%			2030	* *	5	$30,200	
AcousTile,Adhered	5%	Now	$9,400	2030	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Exposed Concrete	50%			LIFE	* *	5	$7,900	
Plaster	15%			LIFE	* *	5	$9,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$37,000	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : On Extended Life; Main Service Switches - 2 Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Toggle Switch	50%	2-4	$67,300	2050	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2024	$53,800	5	$700	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$722,000	10	$59,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2020	$15,000	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Incandescent	2%			2020	$15,000	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$249,300	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$59,900	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$21,000	
Conversion Equipment								
Steam Boiler	100%			2023	$329,600	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,500	2035	* *	4	$3,300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Control For West Corner Of The Building								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump								
Explanation : Leak Evident								
Terminal Devices								
Air Handler	20%			2025	$73,000	1	$8,400	
Convector/Radiator	80%			2023	$511,600	1	$17,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$13,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	
Exhaust Fans								
Interior	90%			2025	$67,400	2	$1,900	
Roof	10%			2020	$5,400	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 193 - Q

Asset # : 1494

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$40,400	1		
Water Heater								
Gas Fired	100%			2020	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 194 - BK**				
Address	: **AVENUE W & KNAPP STREET BTWN: BRIGHAM ST., KNAPP ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K194**	
Program / Asset #	: **BOE0489.000 / 1321**		**Yr Built/Renovated**	: **1929 / 2001**	
Area Sq Ft	: **70,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **04-Mar-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **8825**	**Lot** : **1**	**BIN**	: **3248309**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$970,700	$62,100
Interior Architecture	$648,100	$165,400
Electrical	$203,600	$751,100
Mechanical		$337,000
Total	**$1,822,400**	**$1,315,600**
Importance Code A	$970,700	$99,100
Importance Code B	$587,000	$1,216,500
Importance Code C	$264,700	
Total	**$1,822,400**	**$1,315,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,600			
Interior Architecture	$140,700			$9,300
Electrical	$30,500	$900	$900	$1,100
Mechanical	$60,200	$10,100	$16,900	$10,100
Total	**$250,900**	**$11,000**	**$17,800**	**$20,500**
Importance Code A	$37,000	$7,100	$7,100	$7,100
Importance Code B	$161,600	$3,900	$10,700	$13,300
Importance Code C	$52,300			
Total	**$250,900**	**$11,000**	**$17,800**	**$20,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$374,700	LIFE	* *	5	$62,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$39,600	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$305,800	2042	* *	5	$12,200	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$151,400	LIFE	* *	5	$13,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$14,500	LIFE	* *	5	$900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$99,200	2031	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Copper/Terne	5%	Now	$5,100	2054	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	Now	$22,400	LIFE	* *	5	$47,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$12,500	2029	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%	Now	$15,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	59%	Now	$53,900	2031	* *	3	$23,800	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Vinyl Tile 9" X 9"	10%	Now	$23,700	2021	$118,400	3	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$35,400	2041	* *	5	$5,000	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$136,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$26,900	2029	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor Toilet								
Masonry: Brick	20%	Now	$84,400	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 5%								
Location : Basement Near Stair C / D								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Near Stair C / D								
Marble Panels	2%	Now	$17,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$43,400	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$14,900	2039	* *	5	$8,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2046	* *	5	$5,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	55%	Now	$188,900	LIFE	* *	5	$9,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 323, 324, 325								
Plaster	25%	Now	$105,100	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	85%			2026	$105,300	1		
Conduit	15%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Knife Sw	15%	2-4	$20,200	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fused Toggle Switch	35%	2-4	$47,100	2051	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	10%			2048	* *	5	$200	
Molded Case Bkrs	35%			2025	$47,100	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2031	* *	5	$200	
Locally Mounted	50%			2024	$37,800	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$64,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$48,400	10	$8,700	
Exit, Service	50%			2026	$9,700	1		
Exterior Lighting								
HID	100%			2026	$264,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 8000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$17,500	2039	* *	1	$64,000	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 12 Plugged Tubes On Boiler #2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	0-2	$10,000	2036	* *	4	$3,500	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump Leak In The Basement								
Terminal Devices								
Air Handler	20%			2026	$77,400	1	$8,900	
Convector/Radiator	70%			2031	* *	1	$16,200	
Fan Coil Unit/Heat	10%			2026	$107,500	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2024	$88,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,400	
Exhaust Fans								
Interior	80%	Now	$6,400	2026	$63,500	2	$1,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room - Defective Gymnasium Exhaust Motor								
Roof	20%			2026	$11,400	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$16,700	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - BK

Asset # : 1321

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 194 - M**				
Address	: **244 WEST 144 STREET BTWN: 7 AVE., 8 AVE.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M194**	
Program / Asset #	: **BOE0116.000 / 1638**		**Yr Built/Renovated**	: **1940 / 2011**	
Area Sq Ft	: **75,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Feb-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **2029**	**Lot** : **11**	**BIN**	: **1060432**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$304,400	$551,100
Interior Architecture	$130,500	$687,300
Electrical	$276,600	$1,317,900
Mechanical		$334,500
Total	**$711,500**	**$2,890,900**
Importance Code A	$304,400	$551,100
Importance Code B	$370,500	$2,339,700
Importance Code C	$36,700	
Total	**$711,500**	**$2,890,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,300			
Interior Architecture	$108,800			$9,900
Electrical	$24,100	$800	$900	$1,000
Mechanical	$43,300	$11,700	$17,500	$12,800
Total	**$191,500**	**$12,600**	**$18,400**	**$23,700**
Importance Code A	$22,900	$7,600	$7,600	$7,600
Importance Code B	$91,200	$5,000	$10,800	$16,100
Importance Code C	$77,400			
Total	**$191,500**	**$12,600**	**$18,400**	**$23,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$94,500	
Masonry: Brick	25%	Now	$59,400	LIFE	* *	5	$19,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Masonry: Granite	3%			LIFE	* *	5	$3,500	
Masonry: Limestone	12%			LIFE	* *	5	$14,200	
Windows								
Wood	100%			2048	* *	5	$278,000	
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$68,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,200	
Metal Security Bars	10%			2054	* *			
Roof								
Built-Up (BUR)	5%			2031	* *	10	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Covered With Snow								
Built-Up (BUR)	95%			2026	$283,300	10	$61,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Covered With Snow								
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,500	
Terrazzo	5%			LIFE	* *	5	$9,000	
Vinyl Tile	57%			2026	$558,100	3	$32,800	
Wood	35%			2041	* *	5	$75,600	
Interior Walls								
Cast in Place Concrete	5%	Now	$36,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Fan Room Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Concrete Masonry Unit	5%	Now	$25,800	LIFE	* *	5	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Near Fan Room Entrance In Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Near Fan Room Entrance In Basement								
Masonry: Brick	15%			LIFE	* *	10	$5,200	
Plaster	50%			LIFE	* *	5-10	$49,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,500	
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$11,400	
Exposed Concrete	15%			LIFE	* *	5-10	$21,400	
Plaster	75%			LIFE	* *	5-10	$147,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bolted Pressure Contact Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	15%			2042	* *	5	$300	
Fused Knife Sw	10%	2-4	$13,500	2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment.								
Fused Toggle Switch	50%	2-4	$67,300	2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : On Extended Life								
Molded Case Bkrs	15%			2025	$20,200	5	$300	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2024	$15,100	5	$100	
Locally Mounted	70%	2-4	$52,900	2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	10%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Covered With Paint								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2026	$512,800	10	$42,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-12 Lamps								
Fluorescent	37%			2031	* *	10	$26,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Stair Case Landings								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	* *	10	$700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gym								
HID	1%			2021	$6,100	10		
Incandescent	1%			2021	$8,500	2		
Egress Lighting								
Emergency, Battery	50%			2026	$51,900	10	$9,300	
Exit, Service	50%			2026	$10,400	1		
Exterior Lighting								
HID	100%			2026	$283,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$68,100	1	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$233,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,800	
Terminal Devices								
Air Handler	30%			2026	$124,400	1	$14,300	
Convector/Radiator	70%			2031	* *	1	$17,400	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$79,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	100%	Now	$1,700	2026	$85,000	2	$1,900	
Broken, Extent : Severe, Area Affected : 5%								
Location : Bearing Housing Of House Exhaust Fan In Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	0-2	$900	2024	$46,000	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valves, Basement								
Water Heater								
Gas Fired	100%			2025	$17,900	2	$1,100	
HW Heat Exchanger								
Low Temp	100%	0-2	$1,200	2026	$23,900	4	$7,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Coil Connection, Cross Bay Area								
Sanitary Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : House Trap, Underground Of Cafeteria In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 194 - M

Asset # : 1638

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 195 - BK**
Address : **131 IRWIN STREET BTWN: HAMPTON AVE, ORIENTAL BLVD**
Borough : **BROOKLYN** **Agency's Number** : **K195**
Program / Asset # : **BOE0490.000 / 4** **Yr Built/Renovated** : **1949 / 2015**
Area Sq Ft : **56,928** **Project Type** : **EDUCATION**
Date of Survey : **07-Apr-2015** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **8752** **Lot** : **35** **BIN** : **3246519**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$81,700	$77,400
Interior Architecture	$109,900	$167,400
Electrical	$44,900	$1,329,300
Total	**$236,500**	**$1,574,100**
Importance Code A	$81,700	$77,400
Importance Code B	$95,100	$1,496,700
Importance Code C	$59,700	
Total	**$236,500**	**$1,574,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$93,400			
Interior Architecture	$80,100		$20,600	$8,100
Electrical	$53,500		$200	$700
Mechanical	$30,600	$5,100	$10,800	$9,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$261,500**	**$9,000**	**$35,500**	**$22,200**
Importance Code A	$93,400			
Importance Code B	$150,300	$9,000	$33,900	$19,900
Importance Code C	$17,800		$1,600	$2,300
Total	**$261,500**	**$9,000**	**$35,500**	**$22,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$61,000	
Masonry: Brick Cavity	35%			LIFE	* *	5	$38,800	
Masonry: Granite	2%			LIFE	* *	5	$1,700	
Masonry: Granite	3%			LIFE	* *	5	$2,500	
Masonry: Limestone	3%			LIFE	* *	5	$2,500	
Masonry: Limestone	2%			LIFE	* *	5	$1,700	
Windows								
Wood	35%	0-2	$15,200	2042	* *	5	$27,100	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Corroded Window Guards								
Wood	65%	Now	$28,200	2042	* *	5	$50,300	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Corroded Window Guards								
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$5,900	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$10,600	
Masonry: Limestone	15%			LIFE	* *	5-10	$6,300	
Masonry: Limestone	15%			LIFE	* *	5-10	$6,300	
Roof								
Built-Up (BUR)	25%	Now	$13,900	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Over Library, Boiler Room								
Copper/Terne	2%			2041	* *	10	$3,000	
IRMA/Protected Membrane	10%			2031	* *	10	$6,100	
Slate	63%			LIFE	* *	10	$38,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,400	
Ceramic Tile	10%			2035	* *	5	$6,600	
Quarry Tile	5%			2039	* *	5	$4,900	
Terrazzo	5%			LIFE	* *	5	$5,100	
Vinyl Tile	30%	Now	$50,200	2026	$167,400	3	$7,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	20%			2031	* *	3	$4,900	
Vinyl Tile	20%			2034	* *	3	$4,900	
Wood	5%			2054	* *	5	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2029	* *	5	$3,100	
Ceramic Tile	3%			2035	* *	5	$4,700	
Masonry: Brick	5%			LIFE	* *	10	$2,300	
Plaster	70%			LIFE	* *	5-10	$92,300	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$15,500	
Ceilings								
AcousTile,Adhered	15%			2039	* *	5	$10,200	
AcousTileSusp.Lay-In	15%			2039	* *	5	$10,200	
Exposed Concrete	25%			LIFE	* *	5-10	$21,200	
Metal Panel	5%			LIFE	* *	5	$8,500	
Plaster	40%			LIFE	* *	5-10	$46,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$200	
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$10,500	5	$100	
Fused Toggle Switch	2%	2-4	$2,100	2051	* *	5		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	88%			2025	$92,100	5	$1,300	
Wiring								
Braided Cloth	20%	2-4	$34,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	75%			2026	$130,400	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	10%			2036	* *	10	$5,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Bath Room,Staircases & Some Hallway								
Fluorescent	86%			2021	$543,800	10	$44,900	
HID	4%			2021	$18,200	10	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$38,400	10	$6,900	
Exit, Service	50%			2021	$7,700	1		
Exterior Lighting								
HID	100%			2021	$215,000	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Convector/Radiator	70%			2039	* *	1	$12,900	
Under Construction	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	Now	$1,500	2024	$29,300	1		
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Various Locations, Multiple Defects								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - BK

Asset # : 4

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	1%	Now	$600	2036	* *	2		
Damaged, Extent : Light, Area Affected : 25%								
Location : Attic Mechanical Room, Deteriorated Flexible Connection								
Interior	69%			2031	* *	2	$1,200	
Roof	30%			2031	* *	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2021	$13,200	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit G-2 Only, Does Not Go To Basement								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 195 - Q**		
Address	: **253-50 149 AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q195**
Program / Asset #	: **BOE0836.000 / 1496**	**Yr Built/Renovated**	: **1964 / 2014**
Area Sq Ft	: **110,242**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,ph**		
Block	: **13655** **Lot** : **1**	**BIN**	: **4290116**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$778,400	$289,500
Interior Architecture	$1,090,600	$143,900
Electrical	$257,400	$1,953,000
Mechanical		$1,704,600
Total	**$2,126,300**	**$4,090,900**
Importance Code A	$778,400	$289,500
Importance Code B	$1,348,000	$3,801,400
Total	**$2,126,300**	**$4,090,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,700	$4,600		$20,800
Interior Architecture	$12,400	$28,400	$7,500	$38,200
Electrical	$8,900	$10,200	$9,700	$23,200
Mechanical	$39,700	$33,100	$44,600	$61,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$104,600**	**$80,200**	**$65,800**	**$147,700**
Importance Code A	$50,600	$15,500	$10,900	$32,000
Importance Code B	$54,000	$64,700	$51,500	$115,800
Importance Code C			$3,400	
Total	**$104,600**	**$80,200**	**$65,800**	**$147,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$65,000	
Masonry: Brick Cavity	55%			LIFE	* *	5	$76,300	
Masonry: Brick Cavity	20%			LIFE	* *	5	$27,700	
Masonry: Limestone	2%	Now	$60,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Window Sills*								
Metal Panel	8%			2035	* *	5-10	$76,300	
Window Wall	5%			2051	* *	5	$26,000	
Windows								
Aluminum	95%			2041	* *	5	$14,000	
Metal Louvers	5%			2038	* *	10	$4,600	
Parapets								
Masonry: Brick Cavity	10%			LIFE	* *	5	$1,400	
Metal Rail	65%			2038	* *	5-10	$165,500	
Metal Rail	20%	Now	$7,500	2038	* *	5	$20,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15% *Location : 2001 Wing*								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Copper/Terne	5%			2053	* *	10	$13,800	
IRMA/Protected Membrane	70%	Now	$617,300	2035	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 20% *Location : 1964 Wing*								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20% *Location : 1964 Wing*								
Water Penetration, Extent : Moderate, Area Affected : 20% *Location : Bulkhead*								
Modified Bitumen	25%	Now	$32,200	2030	* *			
Blisters, Extent : Moderate, Area Affected : 20% *Location : Over 2001 Wing*								
Seams Open/Split, Extent : Moderate, Area Affected : 20% *Location : Over 2001 Wing*								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,100	
Ceramic Tile	5%			2034	* *	5	$8,300	
Vinyl Tile	20%			2030	* *	3	$12,400	
Vinyl Tile 9" X 9"	60%			2020	$1,090,600	3	$49,500	
Wood	5%			2053	* *	5	$15,500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$6,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$10,800	
Folding Partition	3%			2041	* *	5	$10,100	
Plaster	47%			LIFE	* *	5	$18,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$51,600	
AcousTileSusp.Lay-In	20%			2038	* *	5	$33,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Near Elevator In 2001 Wing								
Exposed Concrete	40%			LIFE	* *	5	$10,300	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	10%			2025	$107,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	40%			2025	$78,200	5	$200	
Fused Disc Sw	60%			2045	* *	5	$300	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$300	
Fused Disc Sw	10%			2024	$17,900	5	$300	
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	20%			2041	* *	5	$600	
Molded Case Bkrs	50%			2024	$89,700	5	$1,500	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2035	* *	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$57,600	5	$400	
Locally Mounted	50%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$33,900	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2034	* *	1	$42,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated @ 200 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$24,600	
Fuel Storage								
Day Tank	50%			2041	* *	5	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 75 Gallons Capacity								
Main Tank	50%			2053	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	48%			2030	* *	10	$48,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	50%			2025	$612,300	10	$50,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2030	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, LED	10%			2053	* *	1		
Exit, Service	40%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$416,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$100,100	1	$12,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$342,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horn, Smoke Detectors, Alarm Bells								

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DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$34,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of Building								
Explanation : Temporary Boiler Being Used								
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$109,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside Of Building								
Explanation : 1 Temporary Boiler Being Used To Replace 2 Obsolete Units In Boiler Room								
Distribution								
Hot Wtr Piping/Pump	80%			2033	* *	4	$6,500	
Steam Piping/Pump	20%			2035	* *	4	$1,100	
Terminal Devices								
Air Handler	20%			2025	$118,900	1	$13,600	
Air Handler	30%			2030	* *	1	$20,500	
Fan Coil Unit/Heat	50%			2025	$825,400	1	$17,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2030	* *	1	$15,300	
R-134a Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Reciprocating Compr/Chiller	20%			2025	$74,800	1	$10,200	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Old Wing Roof								
Split Unit	30%			2025	$152,700			
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2045	* *	4	$2,400	
Chilled Wtr Pipe/Pump	20%			2035	* *	4	$1,100	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	* *	1	$20,500	
Air Handler/Cool/Ht	20%			2025	$74,900	1	$13,600	
Fan Coil - Cooling	30%			2025	$203,700	1	$10,700	
No Component	20%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	30%			2030	* *	2	$23,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 2 Units								
Air Condenser Unit	20%			2025	$35,200	2	$15,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Old Wing Roof								
Explanation : 1 Unit								
Remote Air Cond	30%			2025	$158,100	2	$23,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Old Wing Roof								
Explanation : 10 Units								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$30,700	
Ductwork/Diffusers	30%			LIFE	* *	2-5	$18,400	
No Component	20%							
Exhaust Fans								
Interior	50%			2025	$60,900	2	$1,700	
Interior	30%			2030	* *	2	$1,000	
Roof	20%			2025	$17,500	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$25,600	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$6,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1, 2, Ph								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195 - Q

Asset # : 1496

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2045	* *	1-5	$16,700	
Sprinkler								
Generic	100%			2045	* *	1-2	$30,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 195/196/197 - BX**
Address : **1250 WARD AVENUE @E. 172 STREET**
Borough : **BRONX**
Program / Asset # : **BOE0218.000 / 447**
Area Sq Ft : **109,000**
Date of Survey : **21-Sep-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3775** **Lot** : **25**
Agency's Number : **X077**
Yr Built/Renovated : **1925 / 2003**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2088553**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,106,800	$488,500
Interior Architecture	$254,300	$1,108,700
Electrical	$1,991,400	$478,600
Mechanical	$39,100	$1,431,500
Total	**$4,391,600**	**$3,507,200**
Importance Code A	$2,106,800	$530,500
Importance Code B	$2,217,800	$2,926,600
Importance Code C	$67,100	$50,100
Total	**$4,391,600**	**$3,507,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$56,200			
Interior Architecture	$38,900	$13,600	$23,600	
Electrical	$500	$700	$42,700	$300
Mechanical	$43,000	$16,600	$54,800	$16,600
Total	**$138,600**	**$30,900**	**$121,000**	**$16,900**
Importance Code A	$67,300	$11,100	$11,300	$11,100
Importance Code B	$67,000	$19,800	$109,700	$5,800
Importance Code C	$4,300			
Total	**$138,600**	**$30,900**	**$121,000**	**$16,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195/196/197 - BX

Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,400	
Masonry: Brick	80%	Now	$1,005,700	LIFE	* *	5	$166,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 5th Floor Along Ward Ave And 172nd Street								
Granite Panels	5%			LIFE	* *	5	$7,800	
Stucco Cement	10%			2037	* *	5	$52,100	
Windows								
Aluminum	100%	Now	$986,700	2040	* *	5	$29,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,900	
Masonry: Brick	65%	Now	$114,400	LIFE	* *	5	$9,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Above Rooms 507, 508, 510, 512, 514								
Metal Rail	30%	Now	$6,100	2037	* *	5	$32,500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Above Room 507								
Explanation : Section Missing								
Roof								
Built-Up (BUR)	90%	0-2	$24,000	2024	$240,500			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Roof Drains								
Cast in Place Concrete	10%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,700	
Ceramic Tile	5%			2027	* *	5	$8,400	
Marble Panels	5%	0-2	$30,400	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Along Edges Of The Corridors								
Vinyl Tile	60%			2024	$856,100	3	$37,800	
Vinyl Tile	5%			2024	$71,300	3	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Room 205								
Explanation : 9x9 Tiles								
Wood	15%			2039	* *	5	$47,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 195/196/197 - BX

Asset # : 447

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Gypsum Board	10%	Now	$4,300	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout 5th Floor								
Masonry: Brick	10%			LIFE	* *			
Plaster	80%	Now	$67,100	LIFE	* *	5	$50,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout 5th Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 5th Floor								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,600	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout Basement								
Plaster	5%			LIFE	* *	5	$5,200	
Plaster	85%	Now	$187,200	LIFE	* *	5	$89,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors And Classrooms Throughout 3rd, 4th And 5th Floors								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout 5th Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2024	$39,100	5	$100	
Fused Disc Sw	40%			2044	* *	5	$200	
Molded Case Bkrs	40%			2024	$78,200	5	$1,100	
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2044	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 195/196/197 - BX

Asset # : 447

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$17,900	5	$300	
Fused Knife Sw	30%	2-4	$53,800	2049	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	15%			2040	* *	5	$400	
Molded Case Bkrs	40%			2023	$71,800	5	$1,100	
Wiring								
Braided Cloth	80%	0-2	$238,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%			2037	* *	5	$200	
Locally Mounted	70%			2022	$80,600	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	3%			2032	* *	10	$3,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	77%			2019	$959,000	10	$79,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	20%			2019	$249,100	2	$500	
Egress Lighting								
Emergency, Service	45%			2019	$24,800	1		
Emergency, Battery	5%			2029	* *	10	$1,400	
Exit, Service	50%			2019	$15,100	1		
Exterior Lighting								
HID	100%			2019	$411,700	10	$300	
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 195/196/197 - BX

Asset # : 447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$34,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$39,100	2034	* *	4	$5,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Steam Traps And Pneumatic Valves, Throughout								
Terminal Devices								
Air Handler	20%			2024	$120,900	1	$13,900	
Convector/Radiator	80%			2022	$847,200	1	$29,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$184,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	90%	Now	$11,200	2024	$111,500	2	$2,500	
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : Basement								
Roof	10%			2029	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2044	* *	1		
Galv Iron/Steel	50%			2022	$167,400	1		
Water Heater								
Gas Fired	100%			2022	$26,100	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 195/196/197 - BX

Asset # : 447

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$15,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Water Backup With Heavy Rain, 1st Floor Bathrooms, 2nd Floor, Basement								
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2029	* *	1	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 196 - BK**		
Address	: **207 BUSHWICK AVENUE @ MESEROLE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K196**
Program / Asset #	: **BOE0491.000 / 1322**	**Yr Built/Renovated**	: **1924 / 2013**
Area Sq Ft	: **107,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3046** **Lot** : **1**	**BIN**	: **3071024**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$113,200	$190,200
Interior Architecture	$1,730,300	$172,300
Electrical	$1,184,700	$783,900
Mechanical	$208,100	$1,961,000
Total	**$3,236,300**	**$3,107,400**
Importance Code A	$113,200	$232,200
Importance Code B	$2,925,600	$2,829,000
Importance Code C	$197,500	$46,100
Total	**$3,236,300**	**$3,107,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,300		$7,700
Interior Architecture	$62,800	$8,800		$6,200
Electrical	$36,000	$1,300	$1,900	$28,100
Mechanical	$20,000	$49,600	$28,000	$31,000
Total	**$118,800**	**$65,000**	**$29,800**	**$73,000**
Importance Code A	$10,700	$16,200	$10,900	$18,800
Importance Code B	$95,100	$43,700	$18,900	$54,200
Importance Code C	$13,000	$5,100		
Total	**$118,800**	**$65,000**	**$29,800**	**$73,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	10%	Now	$61,700	LIFE	* *	5	$20,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Masonry: Brick	83%			LIFE	* *	5	$169,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$7,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	2%			2045	* *	5-10	$28,100	
Windows								
Aluminum	100%			2041	* *	5	$57,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$9,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	$2,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$11,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	2%			LIFE	* *	5	$1,900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2030	* *	10	$51,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *			
Metal Panel	5%			2038	* *	10	$5,300	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	4+	$19,200	2034	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	2%	Now	$47,700	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Steps								
Terrazzo	2%	0-2	$30,600	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Traffic Topping	20%	Now	$122,600	2020	$408,700	5	$20,600	
Cracking/Crumbling, Extent : Light, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	18%			2030	* *	3	$11,100	
Vinyl Tile	30%	Now	$126,100	2020	$420,200	3	$18,500	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 40%								
Location : 9 X 9 Throughout								
Wood	25%	Now	$407,500	2040	* *	5	$38,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$13,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Basement								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceramic Tile	5%			2028	* *	5	$10,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$21,500	
Plaster	40%	Now	$197,500	LIFE	* *	5	$24,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair 4								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair 4								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$3,900	
Plaster	85%			LIFE	* *	5	$87,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$175,900	5	$400	
Fused Disc Sw	10%			2035	* *	5		
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Knife Sw	10%	2-4	$17,900	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2033	* *	5	$300	
Molded Case Bkrs	75%			2024	$134,500	5	$2,100	
Wiring								
Braided Cloth	80%	2-4	$238,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	10%			2025	$29,800	1		
Motor Controllers								
Locally Mounted	15%	2-4	$17,300	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	20%			2030	* *	5	$100	
Locally Mounted	65%			2023	$74,800	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2030	* *	10	$92,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	3%			2020	$26,400	10	$100	
Incandescent	5%			2020	$61,100	2	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2025	$74,200	10	$13,300	
Exit, Service	50%			2025	$14,800	1		
Exterior Lighting								
HID	100%			2020	$404,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$64,700	1	$8,000	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$387,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$10,700	2038	* *	1	$98,100	
Malfunctioning, Extent : Moderate, Area Affected : 3%								
Location : Gas Regulators - Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$38,400	2025	$768,500	4	$5,400	
Malfunctioning, Extent : Moderate, Area Affected : 80%								
Location : Thermostats Throughout								
Terminal Devices								
Air Handler	15%	Now	$1,800	2025	$89,000	1	$9,200	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Motor And Belt Are Not Set Up Right, Basement								
Convector/Radiator	85%			2023	$883,700	1	$30,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$169,700	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 196 - BK

Asset # : 1322

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	95%			2025	$115,600	2	$3,200	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Motor And Belt Are Not Set Up Right								
Roof	5%			2030	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$65,700	1		
Water Heater								
Gas Fired	100%			2024	$25,600	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$38,600	1-2	$900	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 196 - M FORMER (P. S. 188 - M)**
Address : **442 EAST HOUSTON STREET BTWN: AVE. D, FDR DRIVE**
Borough : **MANHATTAN**
Agency's Number : **M196**
Program / Asset # : **BOE0111.000 / 2632**
Yr Built/Renovated : **1904 / 2012**
Area Sq Ft : **135,000**
Project Type : **EDUCATION**
Date of Survey : **31-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **356** **Lot** : **100** **BIN** : **1004349**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$628,400	$574,200
Interior Architecture	$971,900	$353,300
Electrical	$139,000	$223,700
Mechanical	$191,100	$2,578,200
Total	**$1,930,300**	**$3,729,400**
Importance Code A	$628,400	$574,200
Importance Code B	$1,056,000	$2,993,500
Importance Code C	$246,000	$161,700
Total	**$1,930,300**	**$3,729,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,100	$31,000		
Interior Architecture	$28,500		$18,200	$6,500
Electrical	$11,100	$1,000	$1,500	$1,000
Mechanical	$22,800	$24,200	$32,300	$20,100
Total	**$76,600**	**$56,200**	**$51,900**	**$27,600**
Importance Code A	$27,500	$44,400	$13,400	$13,400
Importance Code B	$41,300	$11,800	$38,500	$14,200
Importance Code C	$7,800			
Total	**$76,600**	**$56,200**	**$51,900**	**$27,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 196 - M FORMER (P. S. 188 - M)
Asset # : 2632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	12%			LIFE	* *	5	$483,800	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	88%			LIFE	* *	5	$454,100	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : South Facade								
Windows								
Aluminum	85%			2048	* *	5	$62,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	15%			2042	* *	5	$109,400	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5-10	$16,100	
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$122,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	2%			LIFE	* *	5	$4,800	
Roof								
Modified Bitumen	70%			2034	* *	10	$50,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	25%			2034	* *	10	$18,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over First Floor								
Skylight, Metal/Glass	5%			2036	* *	10	$12,000	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$136,400	
Ceramic Tile	5%			2029	* *	5	$10,400	
Vinyl Tile	50%			2031	* *	3	$39,000	
Vinyl Tile	25%	Now	$441,800	2036	* *	3	$19,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Corridors								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Wood	5%			2041	* *	5	$19,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - M FORMER (P. S. 188 - M)

Asset # : 2632

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$35,700	2029	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Stair 1								
Masonry: Brick	10%			LIFE	* *	10	$7,800	
Plaster	5%			LIFE	* *	5-10	$11,000	
Plaster	70%			LIFE	* *	5-10	$154,000	
Wood	10%			LIFE	* *	5	$207,000	
Ceilings								
Exposed Struc: Steel	5%			LIFE	* *	10	$20,800	
Plaster	25%			LIFE	* *	5-10	$89,300	
Plaster	70%			LIFE	* *	5-10	$250,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	75%			2046	* *	1		
Conduit	20%			2026	$49,500	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,200	
Wiring								
Braided Cloth	40%	2-4	$139,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	55%			2046	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - M FORMER (P. S. 188 - M)

Asset # : 2632

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$127,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2021	$46,800	10	$8,400	
Exit, LED	25%			2066	* *	1		
Exit, Service	50%			2021	$18,700	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$10,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	5%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Heat / Cool Package Units								
Interruptible Gas/Dual Fuel	95%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 7,500 Gallon Tank								
Conversion Equipment								
Furnace	5%			2034	* *	1	$3,400	
Steam Boiler	95%			2039	* *	1	$130,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 196 - M FORMER (P. S. 188 - M)
Asset # : 2632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Package Units								
Steam Piping/Pump	20%			2046	* *	4	$2,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Newer Steam, Condensate Return Piping And Vacuum Pumping System Observed In Boiler Room								
Steam Piping/Pump	75%			2026	$727,200	4	$7,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	90%			2024	$1,180,500	1	$40,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	10%	0-2	$131,200	2046	* *	1	$4,000	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Various Locations, Broken Danfoss Valves								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2034	* *	2	$400	
Window/Wall Unit	80%			2024	$228,400	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Serves Package Units								
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$59,900	LIFE	* *	2-5	$77,400	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Exhaust Ducts On Roof								
Exhaust Fans								
Roof	100%			2026	$110,400	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$331,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 196 - M FORMER (P. S. 188 - M)
Asset # : 2632

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$32,300	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$8,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2046	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 196 - Q**		
Address	: **71-25 113 STREET @ 71ST RD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q196**
Program / Asset #	: **BOE0837.000 / 1497**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **106,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2248** **Lot** : **100**	**BIN**	: **4052713**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$733,700	$133,500
Interior Architecture	$812,000	$39,300
Electrical	$639,100	$1,376,200
Mechanical	$164,000	$609,000
Total	**$2,348,800**	**$2,158,000**
Importance Code A	$733,700	$451,100
Importance Code B	$1,615,100	$1,667,600
Importance Code C		$39,300
Total	**$2,348,800**	**$2,158,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,500	$30,600		
Interior Architecture	$32,300	$11,400	$6,500	$15,400
Electrical	$600	$1,000	$600	$56,400
Mechanical	$27,100	$16,200	$26,700	$30,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$78,400**	**$71,000**	**$45,600**	**$114,300**
Importance Code A	$15,200	$39,200	$8,600	$8,600
Importance Code B	$63,300	$31,800	$34,600	$105,700
Importance Code C			$2,500	
Total	**$78,400**	**$71,000**	**$45,600**	**$114,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$7,800	
Masonry: Brick Cavity	52%			LIFE	* *	5	$40,800	
Masonry: Brick Cavity	40%			LIFE	* *	5	$31,400	
Recent Construction, Extent : Light, Area Affected : 100% *Location : New 2010 Addition*								
Panel/Paver: Limestone	3%			LIFE	* *	5	$1,800	
Pre-Cast Concrete	3%			LIFE	* *	5	$7,600	
Windows								
Aluminum	55%			2041	* *	5	$18,000	
Aluminum	40%			2047	* *	5	$13,100	
Glass Block	2%			LIFE	* *	5	$400	
Glass Block	3%			LIFE	* *	5	$600	
Parapets								
Masonry: Brick Cavity	45%			LIFE	* *	5	$12,500	
Masonry: Brick Cavity	38%			LIFE	* *	5	$10,600	
Recent Construction, Extent : Light, Area Affected : 100% *Location : New 2010 Addition*								
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Metal Panel	2%			2051	* *	5	$2,200	
Metal Rail	10%			2038	* *	5-10	$50,300	
Roof								
IRMA/Protected Membrane	60%	Now	$733,700	2035	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25% *Location : Throughout* *Water Penetration, Extent : Moderate, Area Affected : 10%* *Location : 2nd Floor Roof Over Class Rooms Throughtout* *Worn/Eroded, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
IRMA/Protected Membrane	40%			2033	* *	10	$61,400	
Recent Construction, Extent : Light, Area Affected : 100% *Location : New 2010 Addition*								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$8,100	
Ceramic Tile	2%			2038	* *	5	$3,300	
Terrazzo	2%			LIFE	* *	5	$2,500	
Vinyl Tile	10%			2030	* *	3	$6,100	
Vinyl Tile	38%			2033	* *	3	$23,200	
Vinyl Tile 9" X 9"	38%	Now	$681,200	2035	* *	3	$23,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1953 Wing Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corriodors Of 1953 Wing								
Wood	5%			2040	* *	5	$15,300	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$4,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Gypsum Board	40%			LIFE	* *	5	$39,300	
Masonry: Brick	2%			LIFE	* *			
Mosaic Tile	2%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$12,300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$130,800	2045	* *	5	$10,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
AcousTileSusp.Lay-In	40%			2042	* *	5	$64,700	
Exposed Concrete	30%			LIFE	* *	5	$7,600	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$15,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd Floor, Classroom(s)								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$500	
Raceway								
Conduit	80%			2025	$166,900	1		
Conduit	20%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$2,800	
Wiring								
Braided Cloth	80%	2-4	$238,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	80%			2025	$966,300	10	$79,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	2%			2030	* *	10	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Spiral Lamps								
Fluorescent	16%			2030	* *	10	$16,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
Incandescent	2%			2020	$24,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$13,100	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$400,300	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2025	$48,100	1	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Some Areas Only								
Explanation : Intrusion Alarm Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor, Hallways								
Explanation : New Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	60%			2025	$160,700	5	$20,200	
Natural Gas	40%			2051	* *	1		
Other Observation, Extent : Severe, Area Affected : 3%								
Location : New Wing Basement								
Explanation : Hazard! An Electrical Radiant Heating Unit Is Located Inside Gas Room - It Should Be Removed								
Conversion Equipment								
Furnace	40%			2033	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 3 Package Units								
Steam Boiler	60%			2023	$317,600	1	$64,600	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	60%	Now	$45,600	2035	* *	4	$3,200	
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
No Component	40%							
Terminal Devices								
Air Handler	10%			2025	$58,600	1	$6,700	
Convector/Radiator	50%	Now	$51,400	2030	* *	1	$15,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Throughout								
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 196 - Q

Asset # : 1497

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2033	* *	2	$2,700	
Other Observation, Extent : Light, Area Affected : 40%								
Location : New Wing Roof								
Explanation : 3 Package Units. R407 Refrigerant								
Window/Wall Unit	30%			2020	$67,100	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$36,400	
Ductwork/Diffusers	40%			LIFE	* *	2-5	$24,300	
Exhaust Fans								
Interior	60%			2025	$72,100	2	$2,000	
Roof	40%			2033	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2035	* *	1		
Galv Iron/Steel	10%			2023	$32,500	1		
HW Heat Exchanger								
Low Temp	100%			2025	$33,700	4	$16,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$6,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-3 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2051	* *	1-2	$12,200	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 197 - BK**				
Address	: **1599 EAST 22 STREET @ KINGS HIGHWAY**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K197**
Program / Asset #	: **BOE0492.000 / 682**			**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **107,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **6769**	**Lot**	: **18**	**BIN**	: **3182169**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,304,200	$263,900
Interior Architecture	$951,800	$211,400
Electrical	$728,400	$1,013,300
Mechanical	$315,300	$884,000
Total	**$3,299,700**	**$2,372,600**
Importance Code A	$1,304,200	$305,900
Importance Code B	$1,995,500	$2,017,400
Importance Code C		$49,200
Total	**$3,299,700**	**$2,372,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,900			
Interior Architecture	$20,600		$2,100	$8,600
Electrical	$13,800	$16,700	$3,900	$3,400
Mechanical	$18,400	$16,000	$24,200	$16,800
Total	**$69,800**	**$32,700**	**$30,200**	**$28,800**
Importance Code A	$27,800	$11,100	$10,900	$10,900
Importance Code B	$25,500	$21,600	$19,300	$17,900
Importance Code C	$16,500			
Total	**$69,800**	**$32,700**	**$30,200**	**$28,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$79,900	
Masonry: Brick	90%	Now	$555,300	LIFE	* *	5	$184,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : At South East Corner, Mechanical Penthouse, Foundation								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Stairs 8 And 9, Gymnasium Stair								
Masonry: Granite	5%			LIFE	* *	5	$7,700	
Windows								
Aluminum	100%	Now	$484,300	2039	* *	5	$28,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,600	
Masonry: Brick	85%	Now	$146,900	LIFE	* *	5	$12,700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : 1925 Wing								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 508, 511, 514, 516, 559 And Various Others								
Stucco Cement	5%			2036	* *	5	$1,900	
Roof								
Built-Up (BUR)	68%			2028	* *	10	$38,900	
Built-Up (BUR)	30%	Now	$78,700	2033	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over 1936 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms In 1936 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : 1936 Wing								
Skylight, Metal/Glass	2%	Now	$16,900	2033	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Over Fifth Floor								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,000	
Ceramic Tile	5%			2032	* *	5	$8,200	
Marble Panels	3%			LIFE	* *	5	$3,700	
Vinyl Tile	42%	Now	$588,300	2033	* *	3	$25,900	
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2028	* *	3	$6,200	
Wood	25%	Now	$271,700	2038	* *	5	$38,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Throughout Classrooms And Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Classrooms And Gymnasium								
Wood	5%			2051	* *	5	$15,400	
Interior Walls								
Masonry: Brick	17%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	10%	Now	$16,500	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair 8 And 9, Gymnasium Stair								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 8 And 9, Gymnasium Stair								
Plaster	70%			LIFE	* *	5	$43,100	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$3,900	
Plaster	85%	Now	$91,900	LIFE	* *	5	$87,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : In Basement Under Exit Stair #2, Room 511								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 507, 508, 511, 514, 516, 559								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, Main Service Protector Rated @ 2500 Amps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$500	
Raceway								
Conduit	85%			2023	$177,400	1		
Conduit	15%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$300	
Molded Case Bkrs	75%			2022	$134,500	5	$2,100	
Wiring								
Braided Cloth	85%	2-4	$253,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Connected To Painted Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	70%			2028	* *	10	$70,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	30%			2023	$366,800	2	$700	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$13,300	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%	Now	$404,100	2033	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside The Building								
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$97,100	1	$12,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$19,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - BK

Asset # : 682

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$109,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$8,100	
Terminal Devices								
Air Handler	25%			2018	$148,400	1	$17,000	
Convector/Radiator	75%			2021	$779,700	1	$26,700	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$45,300	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,400	
Exhaust Fans								
Interior	100%			2018	$121,700	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%			2021	$65,700	1		
Water Heater								
Gas Fired	100%			2021	$25,600	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$38,600	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 197 - BX MINISCHOOL #1 - NORTH**				
Address	: **1250 WARD AVENUE FRONTING E.172 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X877**
Program / Asset #	: **BOE0218.010 / 448**			**Yr Built/Renovated**	: **1998 /**
Area Sq Ft	: **10,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Sep-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3775**	**Lot**	: **25**	**BIN**	: **2088553**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$104,700
Total		**$104,700**
Importance Code A		$104,700
Total		**$104,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,000			$1,200
Interior Architecture	$13,100	$400		$1,800
Electrical			$10,600	$100
Mechanical	$300		$1,000	
Total	**$46,500**	**$400**	**$11,600**	**$3,100**
Importance Code A	$33,000			$1,200
Importance Code B	$13,400	$400	$11,600	$1,900
Total	**$46,500**	**$400**	**$11,600**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$22,600	2034	* *	5	$29,400	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$2,400	
Roof								
Single Ply Membrane	100%	0-2	$10,500	2024	$104,700			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Used As A Play Area And Is Repaired As Needed								
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$800	
Vinyl Tile	95%			2029	* *	3	$7,200	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%	0-2	$11,300	2041	* *	5	$7,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Rooms 1, 4, 10								
Plaster	5%			LIFE	* *	5	$500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2044	* *	5	$100	
Switchgear / Switchboard								
Air Circuit Breaker	100%			2044	* *	5	$100	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5		
Molded Case Bkrs	90%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2029	* *	10	$500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	$5,500	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 11 Individual Units Providing Cooling And Heating								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Interior	80%			2029	* *	2	$300	
Roof	20%			2029	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #1 - NORTH
Asset # : 448

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%	Now	$100	2022	$1,600	4	$100	
Broken, Extent : Moderate, Area Affected : 30%								
Location : 3 Units Are Out . Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted In Each Classroom								
Explanation : 11 Small Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 197 - BX MINISCHOOL #2 - SOUTH**				
Address	: **1250 WARD AVENUE SOUTH OF MAIN BLDG.**				
Borough	: **BRONX**			**Agency's Number**	: **N/A**
Program / Asset #	: **BOE0218.020 / 13410**			**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **10,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Sep-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3775**	**Lot**	: **25**	**BIN**	: **2088553**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$104,700
Total		**$104,700**
Importance Code A		$104,700
Total		**$104,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,000			$1,200
Interior Architecture	$13,900			$1,800
Electrical			$9,500	$100
Mechanical	$200		$2,600	
Total	**$47,100**		**$12,100**	**$3,100**
Importance Code A	$33,000			$1,200
Importance Code B	$14,100		$12,100	$1,900
Total	**$47,100**		**$12,100**	**$3,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$22,600	2034	* *	5	$29,400	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$2,400	
Roof								
Single Ply Membrane	100%	2-4	$10,500	2024	$104,700			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Used As A Play Area And Is Repaired As Needed								
Interior								
Floors								
Ceramic Tile	5%	Now	$700	2033	* *	5	$400	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Boys And Girls Toilets								
Vinyl Tile	95%			2029	* *	3	$7,200	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%	0-2	$11,300	2037	* *	5	$7,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 1 And 2								
Plaster	5%			LIFE	* *	5	$500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$300	
Raceway								
Conduit	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2040	* *	5		
Molded Case Bkrs	90%			2040	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	$5,500	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 11 Individual Units Providing Cooling And Heating								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Interior	80%			2029	* *	2	$300	
Roof	20%			2024	$1,600	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 197 - BX MINISCHOOL #2 - SOUTH
Asset # : 13410

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Electric	100%			2019	$1,600	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 197 - M**
Address : **2230 5TH AVENUE @ W. 135 ST.**
Borough : **MANHATTAN**
Agency's Number : **M197**
Program / Asset # : **BOE0118.000 / 1640**
Yr Built/Renovated : **1956 / 2012**
Area Sq Ft : **84,000**
Project Type : **EDUCATION**
Date of Survey : **29-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1733** **Lot** : **17**
BIN : **1076433**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$341,800
Interior Architecture	$712,900	$40,000
Electrical	$692,700	$1,408,200
Mechanical	$192,500	$48,000
Total	**$1,598,100**	**$1,838,000**
Importance Code A		$400,400
Importance Code B	$1,598,100	$1,437,600
Total	**$1,598,100**	**$1,838,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,400		$4,600	$14,600
Interior Architecture	$34,800	$1,300	$2,000	$12,100
Electrical	$36,800	$1,500	$25,800	$600
Mechanical	$18,800	$15,900	$25,700	$14,600
Total	**$110,700**	**$18,600**	**$58,100**	**$41,900**
Importance Code A	$28,700	$8,500	$13,300	$23,100
Importance Code B	$81,900	$8,800	$44,800	$18,800
Importance Code C		$1,300		
Total	**$110,700**	**$18,600**	**$58,100**	**$41,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$74,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$1,800	
Granite Panels	2%			LIFE	* *	5	$1,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$29,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$15,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Copper/Terne	2%			2039	* *	10	$4,600	
IRMA/Protected Membrane	70%			2032	* *	10	$63,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
IRMA/Protected Membrane	28%	0-2	$20,400	2024	$203,500			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Sloped Roofs With Concrete Pavers								
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$3,400	LIFE	* *	5	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2027	* *	5	$6,400	
Quarry Tile	4%			2037	* *	5	$7,700	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	40%			2029	* *	3	$25,800	
Vinyl Tile	35%	0-2	$115,100	2019	$383,800	3	$16,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 inch X 9 inch Units								
Vinyl Tile	5%			2034	* *	3	$2,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	1%			2059	* *	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$2,600	
Concrete Masonry Unit	60%			LIFE	* *	5	$31,200	
SGFT/Glazed Masonry	38%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	0-2	$17,900	2029	* *	5	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5	$12,000	
Metal Panel	25%	4+	$213,900	LIFE	* *	5	$40,000	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Corridors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$58,600	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2034	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$17,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	10%	2-4	$17,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	75%			2023	$134,500	5	$1,700	
Molded Case Bkrs	5%			2032	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$500	
Locally Mounted	20%			2029	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Water Main Pipe								
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$861,400	10	$71,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	7%			2029	* *	10	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	1%			2024	$6,900	10		
Incandescent	2%			2019	$19,100	2		
Egress Lighting								
Emergency, Battery	50%			2024	$58,100	10	$10,400	
Exit, Service	50%			2024	$11,600	1		
Exterior Lighting								
HID	100%			2019	$317,200	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$6,300	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$8,400	2037	* *	1	$76,800	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	30%			2019	$139,400	1	$16,000	
Convector/Radiator	70%			2029	* *	1	$19,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$53,100	1		
No Component	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Central A C Components Were Condemned								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,000	
Exhaust Fans								
Interior	30%			2024	$28,600	2	$800	
Roof	70%			2024	$48,000	2	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Fans								
Explanation : Under Construction								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$20,000	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement, Auditorium, Gymnasium								
Explanation : After Heavy Rain, Storm Water Backs Up								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - M

Asset # : 1640

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 197 - Q**		
Address	: **825 HICKSVILLE ROAD @ BEACH 9TH ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q197**
Program / Asset #	: **BOE0838.000 / 1498**	**Yr Built/Renovated**	: **1963 / 2001**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **15597** **Lot** : **1**	**BIN**	: **4298856**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$310,000	$552,200
Interior Architecture	$1,362,700	$38,800
Electrical	$669,200	$567,000
Mechanical		$132,500
Total	**$2,341,900**	**$1,290,400**
Importance Code A	$310,000	$585,500
Importance Code B	$2,031,900	$704,900
Total	**$2,341,900**	**$1,290,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$63,000	$36,400	$1,800	$11,900
Electrical	$29,100	$800	$1,500	$3,800
Mechanical	$13,900	$18,600	$18,100	$23,400
Total	**$105,900**	**$55,700**	**$21,300**	**$39,100**
Importance Code A	$7,900	$7,900	$7,900	$8,000
Importance Code B	$40,600	$47,900	$13,500	$31,000
Importance Code C	$57,400			
Total	**$105,900**	**$55,700**	**$21,300**	**$39,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$158,900	LIFE	* *	5	$52,700	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Sills At 2nd Floor Windows Near Main Entrance								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	20%	0-2	$43,500	LIFE	* *	5	$42,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$61,900	2041	* *	5	$7,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	$45,700	2025	$456,700			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Low Roof Over Kindergarten Rooms								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,000	
Ceramic Tile	3%			2034	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	2-4	$5,500	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	5%			2030	* *	3	$2,200	
Vinyl Tile 9" X 9"	80%	Now	$314,500	2020	$1,048,200	3	$35,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$33,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Throughout								
Ceramic Tile	5%	0-2	$7,300	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	40%	Now	$16,900	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2038	* *	5	$29,700	
AcousTileSusp.Lay-In	35%			2038	* *	5	$41,600	
Exposed Concrete	35%			LIFE	* *	5	$6,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$38,800			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2025	$33,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2024	$20,200	5	$300	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	5%			2047	* *	5	$100	
Molded Case Bkrs	75%			2024	$100,900	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	75%			2023	$56,700	5	$400	
Locally Mounted	25%	2-4	$18,900	2045	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	88%			2035	* *	10	$64,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2035	* *	10	$7,300	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallway								
LED	2%			2035	* *			
Egress Lighting								
Exit, Service	50%			2030	* *	1		
Exit, Battery	50%			2030	* *	10	$2,700	
Exterior Lighting								
HID	100%			2020	$290,800	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$46,600	1	$5,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$239,300			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 197 - Q

Asset # : 1498

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2045	* *	5	$24,600	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$78,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$5,900	
Terminal Devices								
Air Handler	20%			2030	* *	1	$9,800	
Convector/Radiator	80%			2038	* *	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	5%			2030	* *			
Window/Wall Unit	30%			2023	$49,000	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,300	
Exhaust Fans								
Interior	95%			2025	$83,500	2	$2,300	
Roof	5%			2025	$3,200	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$18,500	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$2,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 198 - BK**
Address : **4105 FARRAGUT ROAD BTWN: ALBANY AVE., EAST 42 ST.**
Borough : **BROOKLYN**
Agency's Number : **K198**
Program / Asset # : **BOE0493.000 / 1311**
Yr Built/Renovated : **1931 / 1996**
Area Sq Ft : **64,000**
Project Type : **EDUCATION**
Date of Survey : **19-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4988** **Lot** : **66** **BIN** : **3113388**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$415,200	$450,200
Interior Architecture	$82,200	$710,200
Electrical	$139,900	$1,394,000
Mechanical	$63,900	$184,200
Total	**$701,200**	**$2,738,600**
Importance Code A	$479,100	$487,200
Importance Code B	$222,100	$2,251,400
Total	**$701,200**	**$2,738,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$134,300	$13,400	$6,400	
Interior Architecture	$94,200			$14,400
Electrical	$9,600	$500	$700	$1,300
Mechanical	$33,500	$16,100	$20,900	$20,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$275,500**	**$34,000**	**$31,900**	**$40,600**
Importance Code A	$134,300	$19,900	$12,900	$6,500
Importance Code B	$88,000	$14,100	$19,100	$32,600
Importance Code C	$53,200			$1,500
Total	**$275,500**	**$34,000**	**$31,900**	**$40,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	$144,200	LIFE	* *	5	$23,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$59,800	
Masonry: Granite	2%	Now	$14,100	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$11,700	
Windows								
Aluminum	95%	Now	$177,100	2042	* *	5	$10,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%	Now	$31,200	2051	* *	5	$5,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	68%	Now	$49,500	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$15,400	
Metal Panel	2%			2046	* *	5	$1,000	
Metal Rail	15%			2043	* *	5-10	$34,200	
Pre-Cast Concrete	5%	Now	$2,300	LIFE	* *	5	$4,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	55%	Now	$35,000	2026	$175,000			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	40%	Now	$44,300	2026	$221,500			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Metal Panel	5%			2039	* *	10	$6,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$21,500	
Ceramic Tile	5%			2035	* *	5	$4,900	
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	85%			2026	$710,200	3	$41,800	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Folding Partition	3%			2042	* *	5	$7,400	
Gypsum Board	5%			LIFE	* *	5-10	$8,400	
Masonry: Brick	7%			LIFE	* *	10	$2,100	
Metal Panel	2%			LIFE	* *	10	$900	
Marble Panels	5%			LIFE	* *	10	$2,000	
Plaster	50%			LIFE	* *	5-10	$42,000	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$9,900	
Ceilings								
AcousTileConcealSpLn	10%			2046	* *	5	$12,200	
AcousTileConcealSpLn	10%			2031	* *	5	$12,200	
AcousTileSusp.Lay-In	25%	Now	$39,500	2031	* *	5	$12,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5-10	$18,300	
Plaster	40%			LIFE	* *	5-10	$67,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps And 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	95%			2025	$127,800	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$86,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	10%			2031	* *	10	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
Fluorescent	88%			2021	$597,200	10	$53,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	2%			2021	$10,500	10		
Egress Lighting								
Emergency, Battery	50%			2021	$44,300	10	$7,900	
Exit, Service	50%			2021	$8,900	1		
Exterior Lighting								
HID	100%			2021	$241,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$4,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$63,900	2031	* *	1	$58,500	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Boiler Room								
Explanation : 2 Units - Boiler No 2 Not Working								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,200	
Terminal Devices								
Air Handler	25%			2026	$88,500	1	$10,200	
Convector/Radiator	75%			2031	* *	1	$15,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2021	$54,000	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,000	
Exhaust Fans								
Interior	20%			2026	$14,500	2	$400	
Roof	80%			2026	$41,800	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$15,300	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$33,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BK

Asset # : 1311

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$1,800	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 198 - BX**
Address : **1180 TINTON AVENUE BTWN: HOME ST., EAST 168 ST.**
Borough : **BRONX** | **Agency's Number** : **X198**
Program / Asset # : **BOE0312.000 / 1100** | **Yr Built/Renovated** : **1974 /**
Area Sq Ft : **102,000** | **Project Type** : **EDUCATION**
Date of Survey : **16-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2672** **Lot** : **1** | **BIN** : **2004869**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,091,000	$380,000
Interior Architecture	$480,600	$1,430,400
Electrical		$2,776,200
Mechanical		$297,400
Total	**$2,571,600**	**$4,884,100**
Importance Code A	$2,091,000	$422,000
Importance Code B	$435,900	$4,462,100
Importance Code C	$44,700	
Total	**$2,571,600**	**$4,884,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,700		$7,600	
Interior Architecture	$118,300		$3,900	$16,300
Electrical	$3,200	$1,100	$2,300	$2,200
Mechanical	$54,400	$30,700	$28,200	$27,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$191,600**	**$35,800**	**$45,900**	**$50,100**
Importance Code A	$22,200	$10,400	$18,000	$10,400
Importance Code B	$116,100	$25,300	$27,900	$39,700
Importance Code C	$53,300			
Total	**$191,600**	**$35,800**	**$45,900**	**$50,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%	Now	$676,000	LIFE	* *	5	$90,200	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Below 4th Floor Windows								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Below 4th Floor Windows								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	2%			2046	* *	5-10	$13,300	
Metal: Cage/Fence	5%	2-4	$5,500	2031	* *	5	$10,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$875,200	2051	* *	5	$10,400	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	80%	Now	$84,300	LIFE	* *	5	$9,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : At Corners Of Upper And Lower Roofs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Under Coping Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Miss/Damaged Copings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Upper Roof Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$7,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Security Bars	15%			2054	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	35%	Now	$58,000	2026	$289,900			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Vegetation Growth, Extent : Severe, Area Affected : 25%								
Location : Lower Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Explanation : No Access To Area, Survey From Top Of Neighboring School								
IRMA/Protected Membrane	60%	2-4	$397,500	2036	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Upper Roof								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout Upper Roof								
Metal Panel	5%			2039	* *	10	$7,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$34,500	
Ceramic Tile	5%			2029	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$12,300	
Vinyl Tile	83%	2-4	$222,400	2021	$1,112,000	3	$49,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout 4th Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Throughout 4th Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Entrance To Gym								
Wood	2%			2041	* *	5	$5,900	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Folding Partition	5%			2042	* *	5	$17,400	
Gypsum Board	10%			LIFE	* *	5-10	$23,700	
Metal Panel	10%			LIFE	* *	10	$6,300	
Plaster	40%	0-2	$44,700	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	Now	$63,700	2024	$318,400	5	$24,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout Cafeteria								
AcousTileSusp.Lay-In	5%	2-4	$63,700	2046	* *	5	$3,900	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5-10	$98,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$15,700	
Plaster	15%			LIFE	* *	5-10	$40,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 3000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$400	
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	75%			2025	$134,500	5	$2,000	
Molded Case Bkrs	20%			2042	* *	5	$500	
Wiring								
Thermoplastic	90%			2026	$268,600	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	35%			2024	$40,300	5	$200	
Locally Mounted	25%			2031	* *	5	$200	
Motor Control Center	40%			2024	$288,900	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	86%			2026	$1,005,700	10	$83,000	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2031	* *	10	$4,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room And Auditorium								
Fluorescent	5%			2026	$58,500	10	$4,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	2%			2026	$16,800	10	$100	
Incandescent	2%			2021	$23,400	2		
Egress Lighting								
Emergency, Battery	50%			2026	$71,000	10	$12,700	
Exit, Service	50%			2026	$14,200	1		
Exterior Lighting								
HID	100%			2021	$385,200	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2029	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stack Only								
Explanation : Lightning Rod								
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Smoke Detectors, Strobe Lights, Horns And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$32,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$104,300	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2034	* *	4	$1,600	
Steam Piping/Pump	80%			2036	* *	4	$4,200	
Terminal Devices								
Air Handler	20%	Now	$2,300	2031	* *	1	$11,700	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Control Valve Of Cafeteria Blower								
Convector/Radiator	80%			2031	* *	1	$27,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2031	* *	1	$9,800	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Penthouse								
Window/Wall Unit	60%			2021	$129,900	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$5,200	
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	* *	1	$13,000	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2026	$100,600	2	$14,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,900	
Exhaust Fans								
Interior	20%			2026	$23,300	2	$600	
Roof	80%			2026	$67,000	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Oil Fired	100%			2024	$32,700	1	$3,100	
HW Heat Exchanger								
Low Temp	100%			2026	$32,700	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 198 - BX

Asset # : 1100

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors B-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$53,100	
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 198 - M**		
Address	: **1700 3RD AVENUE BTWN: EAST 95 ST., EAST 96 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M198**
Program / Asset #	: **BOE0119.000 / 1641**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **1524** **Lot** : **23**	**BIN**	: **1048492**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,950,200	$711,700
Interior Architecture	$748,100	$1,130,400
Electrical	$217,200	$1,267,300
Mechanical	$457,200	$1,446,000
Total	**$3,372,700**	**$4,555,400**
Importance Code A	$2,407,400	$748,700
Importance Code B	$759,100	$3,806,700
Importance Code C	$206,200	
Total	**$3,372,700**	**$4,555,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$70,500			
Interior Architecture	$140,800	$900	$3,500	$12,800
Electrical	$25,600	$700	$900	$1,800
Mechanical	$67,600	$18,500	$20,800	$13,100
Total	**$304,600**	**$20,100**	**$25,300**	**$27,700**
Importance Code A	$70,500	$9,300	$9,300	$9,300
Importance Code B	$170,200	$10,800	$16,000	$18,400
Importance Code C	$63,900			
Total	**$304,600**	**$20,100**	**$25,300**	**$27,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	Now	$117,400	LIFE	* *	5	$19,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal/Glass Curt Wall	60%	Now	$740,800	LIFE	* *	5	$87,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Steel Frames								
Metal: Cage/Fence	15%	Now	$52,800	2031	* *	5	$25,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : North Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : North Facade								
Windows								
Metal Louvers	2%	Now	$3,100	2035	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	98%	Now	$894,300	2051	* *	5	$107,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	40%	Now	$29,400	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal/Glass Curt Wall	35%	Now	$22,500	2036	* *	5	$8,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	Now	$2,500	2046	* *	5	$1,200	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	20%	Now	$6,800	2031	* *	5	$18,100	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Copper/Terne	5%	Now	$6,200	2041	* *			
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
IRMA/Protected Membrane	70%	Now	$103,400	2026	$517,200			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paver: Asphalt	25%	Now	$41,500	2029	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$61,500	
Ceramic Tile	5%			2029	* *	5	$7,000	
Sheet Vinyl/Rubber	5%			2036	* *	5	$10,500	
Vinyl Tile	5%			2036	* *	3	$2,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	73%	Now	$339,100	2021	$1,130,400	3	$38,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Wood	2%	Now	$18,500	2054	* *	5	$2,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$34,300	2029	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	13%	Now	$35,900	LIFE	* *	5	$6,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Storage Room In Boiler Room								
Glazed Ceramic Panel	5%	Now	$19,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$49,900	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$120,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$19,900	
Ceilings								
AcousTileConcealSpLn	25%	Now	$85,200	2031	* *	5	$21,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	52%	Now	$117,500	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fiber Board	8%			2031	* *			
Plaster	15%	Now	$27,700	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Electrical Service Switches Rated @ 1200 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2026	$164,000	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	90%			2025	$161,400	5	$2,200	
Molded Case Bkrs	5%			2042	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$217,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2036	* *	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$500	
Locally Mounted	20%	2-4	$15,100	2046	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$77,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2036	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Cfl Lamps								
Egress Lighting								
Emergency, Battery	25%			2031	* *	10	$5,700	
Exit, Service	75%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$343,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$55,100	1	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm System								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$188,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$29,100	
Conversion Equipment								
Steam Boiler	100%	2-4	$457,200	2046	* *	1	$83,700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2- Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$32,800	2026	$655,800	4	$4,600	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Return Piping								
Terminal Devices								
Air Handler	20%			2026	$101,300	1	$11,600	
Convector/Radiator	70%			2031	* *	1	$21,200	
Fan Coil Unit/Heat	10%			2026	$140,600	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2024	$193,100	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,900	
Exhaust Fans								
Roof	100%			2021	$74,700	2	$2,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$280,500	1		
HW Heat Exchanger								
Low Temp	100%			2026	$29,100	4	$13,900	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 198 - M

Asset # : 1641

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 199 - BK**
Address : **1100 ELM AVE. BTWN: CONEY ISLAND AVE, EAST 1**
Borough : **BROOKLYN** | **Agency's Number** : **K199**
Program / Asset # : **BOE0494.000 / 5** | **Yr Built/Renovated** : **1930 / 1997**
Area Sq Ft : **69,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-Jan-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **6740** **Lot** : **25** | **BIN** : **3180761**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$330,000	$458,100
Interior Architecture	$644,500	$102,700
Electrical	$139,100	$1,817,900
Mechanical	$42,300	$574,400
Total	**$1,155,800**	**$2,953,000**
Importance Code A	$330,000	$458,100
Importance Code B	$748,200	$2,494,900
Importance Code C	$77,700	
Total	**$1,155,800**	**$2,953,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,700			
Interior Architecture	$71,400		$11,900	
Electrical	$11,300	$800	$1,000	$900
Mechanical	$45,800	$11,100	$15,500	$10,300
Total	**$140,200**	**$11,900**	**$28,300**	**$11,200**
Importance Code A	$18,700	$7,000	$7,000	$7,000
Importance Code B	$89,700	$4,900	$21,300	$4,200
Importance Code C	$31,800			
Total	**$140,200**	**$11,900**	**$28,300**	**$11,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$122,400	
Masonry: Limestone	5%	Now	$35,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$95,500	2042	* *	5	$11,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Steel	5%	0-2	$62,600	2051	* *	5	$7,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$88,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,300	
Roof								
Built-Up (BUR)	95%			2026	$325,800	10	$71,100	
Metal Panel	5%	Now	$4,200	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,200	
Ceramic Tile	3%	Now	$12,300	2029	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,300	
Vinyl Tile	30%			2031	* *	3	$11,900	
Wood	57%	0-2	$398,300	2041	* *	5	$56,600	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$26,500	2029	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$3,200	
Marble Panels	5%			LIFE	* *	10	$2,100	
Plaster	62%			LIFE	* *	5-10	$56,200	
SGFT/Glazed Masonry	20%	Now	$41,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Ceilings								
AcousTile,Adhered	15%			2039	* *	5	$15,800	
Exposed Concrete	10%			LIFE	* *	5-10	$13,200	
Metal Panel	5%	0-2	$87,900	LIFE	* *	5	$6,600	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Plaster	70%			LIFE	* *	5-10	$126,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	80%			2042	* *	5	$1,500	
Molded Case Bkrs	10%			2025	$13,500	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,000	
Generic	50%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$770,500	10	$63,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2021	$11,300	10		
Egress Lighting								
Emergency, Battery	50%			2021	$47,700	10	$8,500	
Exit, Service	50%			2021	$9,500	1		
Exterior Lighting								
HID	100%			2021	$260,600	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$62,600	1	$7,700	
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2021	$500,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - BK

Asset # : 5

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$9,900	2036	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Pipe In Storage Room, Basement								
Terminal Devices								
Air Handler	20%	Now	$3,800	2026	$76,300	1	$7,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
Convector/Radiator	50%			2031	* *	1	$11,400	
Fan Coil Unit/Heat	30%			2026	$317,900	1	$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$101,900	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%			2026	$78,200	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$42,300	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Various Areas								
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$16,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 199 - BX (FORMER P.S. 104 - BX)**		
Address	: **1449 SHAKESPEARE AVENUE @W. 172 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X199**
Program / Asset #	: **BOE0244.000 / 406**	**Yr Built/Renovated**	: **1930 / 1999**
Area Sq Ft	: **104,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2873** **Lot** : **27**	**BIN**	: **2088263**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$783,500	$533,800
Interior Architecture	$295,600	$1,053,100
Electrical	$1,134,700	$596,600
Mechanical	$557,300	$769,100
Total	**$2,771,200**	**$2,952,600**
Importance Code A	$783,500	$533,800
Importance Code B	$1,987,700	$2,158,300
Importance Code C		$260,500
Total	**$2,771,200**	**$2,952,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$13,000	$11,900		$9,000
Electrical	$48,700	$15,800	$2,000	$2,000
Mechanical	$18,200	$14,700	$23,900	$15,500
Total	**$79,900**	**$42,300**	**$25,900**	**$26,500**
Importance Code A	$10,600	$10,600	$10,800	$10,600
Importance Code B	$69,300	$31,800	$15,100	$15,900
Importance Code C				
Total	**$79,900**	**$42,300**	**$25,900**	**$26,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$42,700	
Masonry: Brick	90%	Now	$296,600	LIFE	* *	5	$98,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Electrical Room								
Masonry: Granite	5%			LIFE	* *	5	$4,100	
Windows								
Aluminum	100%	Now	$323,100	2039	* *	5	$19,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,700	
Masonry: Brick	90%	Now	$85,300	LIFE	* *	5	$14,800	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Over Room 421, Corridor Near Room 402								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 421, Corridor Near Room 402								
Roof								
Built-Up (BUR)	95%	Now	$78,600	2023	$392,900			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Room 425, 427, 429								
Copper/Terne	5%			2051	* *	10	$11,300	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$69,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2032	* *	5	$8,000	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	45%			2023	$611,000	3	$35,900	
Wood	25%			2038	* *	5	$74,800	
Interior Walls								
Ceramic Tile	5%			2026	$221,900	5	$8,000	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$38,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2028	* *	5	$23,800	
Exposed Concrete	10%	Now	$102,100	LIFE	* *	5	$2,500	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Fan Room Under Steps								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fan Room Under Steps								
Plaster	75%	Now	$156,100	LIFE	* *	5	$74,400	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Room 421, 425, 427, 429 Corridor Near Room 402								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$400	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2045	* *	5	$100	
Fused Toggle Switch	1%	2-4	$1,800	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floor								
Molded Case Bkrs	10%			2045	* *	5	$300	
Molded Case Bkrs	74%			2022	$132,700	5	$2,000	
Wiring								
Braided Cloth	90%	2-4	$268,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	30%	2-4	$34,500	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	70%			2021	$80,600	5	$500	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2028	* *	10	$91,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2031	* *	10	$100	
Incandescent	5%			2018	$59,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$12,900	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$392,800	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$323,200	1-3	$19,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$105,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$74,500	2033	* *	4	$5,300	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room, Return Line								
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 199 - BX (FORMER P.S. 104 - BX)
Asset # : 406

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2018	$115,000	1	$13,200	
Convector/Radiator	70%	Now	$35,300	2021	$705,400	1	$21,700	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Various Areas								
Fan Coil Unit/Heat	10%			2018	$159,700	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$54,800	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,500	
Exhaust Fans								
Interior	100%	Now	$2,400	2018	$117,900	2	$2,600	
Broken, Extent : Severe, Area Affected : 20%								
Location : Flexible Connections, Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2033	* *	1		
Galv Iron/Steel	20%	2-4	$3,200	2021	$63,700	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2021	$24,800	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2023	$24,900	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 199 - M**				
Address	: **270 WEST 70 STREET @ WEST END AVE.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M199**
Program / Asset #	: **BOE0120.000 / 1642**			**Yr Built/Renovated**	: **1963 / 2008**
Area Sq Ft	: **88,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Mar-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1158**	**Lot**	: **40**	**BIN**	: **1030351**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$55,600	$182,200
Interior Architecture	$1,016,800	
Electrical	$645,100	$1,476,300
Mechanical	$185,800	$134,800
Total	**$1,903,400**	**$1,793,300**
Importance Code A	$55,600	$219,200
Importance Code B	$1,847,800	$1,574,200
Total	**$1,903,400**	**$1,793,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,400			$14,900
Interior Architecture	$34,100		$2,000	$13,900
Electrical	$1,500	$1,200	$1,300	$15,700
Mechanical	$65,200	$8,000	$22,300	$11,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$113,300**	**$13,100**	**$29,500**	**$60,100**
Importance Code A	$8,400		$2,700	$15,100
Importance Code B	$96,500	$13,100	$26,800	$45,000
Importance Code C	$8,300			
Total	**$113,300**	**$13,100**	**$29,500**	**$60,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$75,200	
Windows								
Aluminum	100%			2047	* *	5	$16,900	
Parapets								
Metal: Cage/Fence	100%			2030	* *	5-10	$95,300	
Roof								
Modified Bitumen	75%			2033	* *	10	$67,200	
Spray-on Foam	25%			2030	* *	5	$29,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,900	
Ceramic Tile	3%			2034	* *	5	$4,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	20%			2035	* *	3	$13,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	62%	2-4	$928,400	2035	* *	3	$31,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%	Now	$22,400	2040	* *	5	$6,400	
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Stage								
Interior Walls								
Ceramic Tile	5%	0-2	$8,300	2034	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$19,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	35%	0-2	$88,400	2030	* *	5	$23,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5	$13,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	60%			2025	$102,600	5	$200	
Fused Disc Sw	40%			2051	* *	5	$200	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	20%			2024	$35,900	5	$400	
Molded Case Bkrs	20%			2024	$35,900	5	$500	
Molded Case Bkrs	60%			2047	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$51,100	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2025	$908,000	10	$75,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps, Cfl								
HID	2%			2020	$14,500	10	$100	
Incandescent	8%			2020	$80,700	2	$200	
Egress Lighting								
Emergency, Service	40%			2025	$17,900	1		
Exit, Service	60%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2020	$66,600	1	$8,200	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$319,000			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2034	* *	5	$5,400	
Distribution								
Steam Piping/Pump	100%	Now	$31,700	2035	* *	4	$4,500	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Broken Controls, Basement								
Terminal Devices								
Air Handler	15%	0-2	$3,700	2025	$73,500	1	$7,600	
Damaged, Extent : Light, Area Affected : 5%								
Location : Throughout								
Convector/Radiator	85%	Now	$36,500	2030	* *	1	$22,400	
Damaged, Extent : Light, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$149,400	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,600	
Exhaust Fans								
Interior	15%			2025	$15,100	2	$400	
Roof	85%			2025	$61,400	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$13,600	2030	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2023	$21,100	2	$1,300	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$6,300	LIFE	* *	1		
Damaged, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - M

Asset # : 1642

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2045	* *	1-2	$1,300	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 199 - Q**		
Address	**: 39-20 48TH AVE.**		
Borough	**: QUEENS**	**Agency's Number**	**: Q199**
Program / Asset #	**: BOE0840.000 / 1500**	**Yr Built/Renovated**	**: 1953 / 2008**
Area Sq Ft	**: 69,865**	**Project Type**	**: EDUCATION**
Date of Survey	**: 07-May-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 206 Lot : 3**	**BIN**	**: 4002915**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$405,900	$106,000
Interior Architecture	$182,400	$456,000
Electrical	$1,025,200	$1,044,100
Mechanical	$426,200	$59,400
Total	**$2,039,700**	**$1,665,500**
Importance Code A	$754,800	$124,500
Importance Code B	$1,284,900	$1,541,100
Total	**$2,039,700**	**$1,665,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,400			
Interior Architecture	$69,100	$6,700	$10,100	$2,700
Electrical	$58,000	$9,500	$34,800	$6,400
Mechanical	$52,500	$11,100	$28,500	$11,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$200,900**	**$31,200**	**$77,300**	**$24,100**
Importance Code A	$17,400	$7,100	$7,200	$7,100
Importance Code B	$157,700	$24,100	$70,100	$17,000
Importance Code C	$25,900			
Total	**$200,900**	**$31,200**	**$77,300**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	30%	Now	$236,200	LIFE	* *	5	$19,600	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Custodian Lounge, Gas Meter Room, Bulkheads, Various Locations On 3rd Floor								
Masonry: Brick	65%			LIFE	* *	5	$42,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%	0-2	$101,700	2040	* *	5	$12,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$6,900	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	45%			2037	* *	5-10	$112,000	
Roof								
Built-Up (BUR)	100%	Now	$17,400	2029	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Storage Room On Third Floor								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gas Meter Room								
Ceramic Tile	5%	0-2	$10,400	2033	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Boys Bathrooms								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Boys Bathrooms								
Terrazzo	5%			LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Main Lobby								
Vinyl Tile	20%	Now	$182,400	2034	* *	3	$8,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Stair Landing, Classrooms, Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Stair Landing, Classrooms, Cafeteria								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Stair Landing, Classrooms, Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	50%			2024	$456,000	3	$20,100	
Wood	10%			2039	* *	5	$20,100	
Interior Walls								
Glazed Ceramic Panel	5%	0-2	$8,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor Boys Bathroom								
Masonry: Brick	5%			LIFE	* *			
Plaster	10%	Now	$17,300	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Custodian Lounge, Gymnasium, Stair A								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Custodian Lounge, Stair A								
Plaster	55%			LIFE	* *	5	$17,800	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	Now	$25,900	2037	* *	5	$20,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Exposed Concrete	60%			LIFE	* *	5	$10,000	
Plaster	10%	0-2	$7,000	LIFE	* *	5	$6,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 303								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	10%	2-4	$13,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	10%	2-4	$13,500	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Molded Case Bkrs	45%			2023	$60,500	5	$800	
Molded Case Bkrs	20%			2040	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$34,800	1		
Motor Controllers								
Locally Mounted	20%	2-4	$15,100	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	80%			2022	$60,400	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	$22,000	1	$21,500	
Generators								
Natural Gas	100%			2020	$121,400	1	$27,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 80 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$2,600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2024	$700,600	10	$57,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2019	$11,400	10		
Incandescent	10%			2019	$79,600	2	$200	
Egress Lighting								
Emergency, Battery	10%			2029	* *	10	$1,700	
Emergency, Battery	40%			2019	$38,700	10	$6,900	
Exit, Service	40%			2019	$7,700	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	30%			2019	$79,200	10	$100	
HID	70%	Now	$184,700	2034	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside By The Roof								
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$253,300	1-3	$15,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$22,200	
Conversion Equipment								
Steam Boiler	100%	0-2	$348,900	2044	* *	1	$63,900	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,000	2034	* *	4	$3,500	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$1,500	2019	$77,300	1	$8,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Coil								
Convector/Radiator	80%			2029	* *	1	$18,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	$14,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,000	
Exhaust Fans								
Interior	75%			2024	$59,400	2	$1,600	
Roof	25%	Now	$700	2024	$14,200	2	$400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Fan - Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	5%			2022	$600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Unit Is Too Small To Handle Bldg So It Is Not In Use								
No Component	95%							
HW Heat Exchanger								
Low Temp	100%	Now	$400	2034	* *	4	$7,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	0-2	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 199 - Q

Asset # : 1500

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 2 - BX MORRISANIA EDUCATION COMPLEX**
Address : **1365 FULTON AVENUE BTWN: E.169 ST. - E.170 ST.**
Borough : **BRONX**
Agency's Number : **X002**
Program / Asset # : **BOE0156.000 / 523**
Yr Built/Renovated : **1954 / 2009**
Area Sq Ft : **76,000**
Project Type : **EDUCATION**
Date of Survey : **17-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2925** **Lot** : **56**
BIN : **2009617**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$101,200	$687,100
Interior Architecture	$190,000	$275,200
Electrical	$1,578,900	$287,700
Mechanical		$741,700
Total	**$1,870,100**	**$1,991,700**
Importance Code A	$101,200	$724,100
Importance Code B	$1,768,900	$1,105,500
Importance Code C		$162,100
Total	**$1,870,100**	**$1,991,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$13,200	$20,500	
Interior Architecture	$76,300	$18,500	$1,500	$8,000
Electrical	$64,100	$58,100	$1,300	$1,300
Mechanical	$24,600	$22,700	$24,600	$10,600
Total	**$165,000**	**$112,500**	**$47,800**	**$19,900**
Importance Code A	$7,700	$21,100	$28,200	$7,700
Importance Code B	$133,800	$91,400	$19,600	$12,200
Importance Code C	$23,600			
Total	**$165,000**	**$112,500**	**$47,800**	**$19,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - BX MORRISANIA EDUCATION COMPLEX

Asset # : 523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$62,400	
Masonry: Granite	2%			LIFE	* *	5	$1,100	
Masonry: Limestone	10%	Now	$38,800	LIFE	* *	5	$5,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : East Facade								
Windows								
Aluminum	100%			2048	* *	5	$26,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,200	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Roof								
IRMA/Protected Membrane	95%	Now	$62,500	2023	$624,700			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 326, 329								
Roll Roofing	5%			2019	$17,000	5	$6,900	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,000	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$22,600	2026	$113,100	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Slate	5%	Now	$81,500	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Steps								
Terrazzo	5%	Now	$27,100	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$54,600	2028	* *	3	$24,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	10%			2033	* *	3	$4,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	10%			2028	* *	3	$4,400	
Wood	5%			2038	* *	5	$10,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - BX MORRISANIA EDUCATION COMPLEX

Asset # : 523

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	5%			2026	$162,100	5	$5,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%	Now	$23,600	LIFE	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2028	* *	5	$23,200	
AcousTile,Adhered	5%	Now	$53,900	2043	* *	5	$2,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Exposed Concrete	75%			LIFE	* *	5	$13,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2023	$123,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - BX MORRISANIA EDUCATION COMPLEX

Asset # : 523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Fused Knife Sw	20%	2-4	$26,900	2048	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	15%	2-4	$20,200	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	55%			2022	$74,000	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2023	$34,800	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$400	
Locally Mounted	20%	0-2	$15,100	2043	* *	5	$100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Motor Control Center	10%			2021	$29,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	75%			2018	$649,500	10	$53,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2028	* *	10	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$18,700	10	$100	
Incandescent	2%			2018	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2018	$52,600	10	$9,400	
Exit, Service	50%			2018	$10,500	1		
Exterior Lighting								
HID	100%			2018	$287,000	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 2 - BX MORRISANIA EDUCATION COMPLEX

Asset # : 523

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$236,100	1-3	$14,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault, Defective Petrometer								
Explanation : (1) 10,000 Gallon Old Tank								
Conversion Equipment								
Steam Boiler	2%	Now	$200	2036	* *	1	$1,400	
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Basement, Defective Fresh Air Intake Damper								
Steam Boiler	98%			2028	* *	1	$75,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 #4 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2023	$544,300	4	$3,800	
Terminal Devices								
Air Handler	15%			2023	$63,100	1	$7,200	
Convector/Radiator	85%			2028	* *	1	$21,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	$48,100	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$13,500	LIFE	* *	2-5	$43,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Fan Room								
Explanation : Broken Canvases								
Exhaust Fans								
Interior	100%			2023	$86,200	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2049	* *	1		
Galv Iron/Steel	90%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2023	$24,200	4	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 2 - BX MORRISANIA EDUCATION COMPLEX
Asset # : 523

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement								
Explanation : For New Science Lab Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 200 - BK**				
Address	: **1940 BENSON AVENUE BTWN: BAY 22 ST. - BAY 23 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K200**	
Program / Asset #	: **BOE0495.000 / 1312**		**Yr Built/Renovated**	: **1929 / 1998**	
Area Sq Ft	: **102,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **14-Oct-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **6407**	**Lot** : **8**	**BIN**	: **3167818**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$308,500	$138,200
Interior Architecture	$1,255,000	$811,600
Electrical	$760,300	$2,052,600
Mechanical		$1,077,900
Total	**$2,323,800**	**$4,080,400**
Importance Code A	$308,500	$180,300
Importance Code B	$1,874,300	$3,646,100
Importance Code C	$140,900	$254,000
Total	**$2,323,800**	**$4,080,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,800		$18,900	
Interior Architecture	$7,600	$7,300		$15,700
Electrical	$2,700	$3,300	$1,700	$1,700
Mechanical	$15,500	$14,500	$26,200	$15,300
Total	**$47,600**	**$25,100**	**$46,800**	**$32,700**
Importance Code A	$32,200	$10,600	$29,300	$10,400
Importance Code B	$15,400	$14,500	$17,500	$22,300
Importance Code C				
Total	**$47,600**	**$25,100**	**$46,800**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$15,100	LIFE	* *	5	$26,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$41,800	
Masonry: Brick	90%	Now	$145,400	LIFE	* *	5	$96,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$37,800	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$5,000	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%	Now	$79,000	LIFE	* *	5	$13,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$1,700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2028	* *	10	$84,100	
Modified Bitumen	5%			2023	$25,800	10	$4,400	
Interior								
Floors								
Ceramic Tile	5%	0-2	$7,600	2026	$151,800	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%	Now	$225,100	2043	* *	5	$5,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$6,100	
Vinyl Tile	25%	Now	$33,300	2023	$332,900	3	$14,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$73,200	2018	$732,400	3	$32,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	5%			2038	* *	5	$14,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$217,600	5	$7,900	
Masonry: Brick	15%	Now	$92,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Marble Panels	3%			LIFE	* *			
Plaster	77%	Now	$48,700	LIFE	* *	5	$36,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : General Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : General Office. Stair Bulkhead And Classroom 413								
Ceilings								
Embossed Metal	5%			LIFE	* *	5	$3,500	
Exposed Concrete	20%	Now	$50,100	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room And Classroom 413								
Plaster	75%			LIFE	* *	5	$72,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$195,500	5	$400	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	65%			2022	$116,600	5	$1,700	
Molded Case Bkrs	25%			2031	* *	5	$700	
Wiring								
Thermoplastic	80%			2023	$238,700	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	60%			2021	$69,100	5	$400	
Locally Mounted	30%			2028	* *	5	$200	
Motor Control Center	10%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$1,046,000	10	$86,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2031	* *	10	$200	
Incandescent	5%			2018	$58,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$70,600	10	$12,600	
Exit, Service	50%			2023	$14,100	1		
Exterior Lighting								
HID	100%			2018	$385,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$316,900	1-3	$18,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7,500 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$103,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$5,200	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Condensate Pump, Basement								
Terminal Devices								
Air Handler	20%			2023	$112,800	1	$12,900	
Convector/Radiator	80%			2021	$790,700	1	$27,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2022	$64,500	1		
No Component	70%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - BK

Asset # : 1312

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,300	
Exhaust Fans								
Interior	95%			2023	$109,900	2	$3,000	
Roof	5%			2023	$4,200	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$24,300	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 200 - Q**		
Address	: **70-10 164 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q200**
Program / Asset #	: **BOE0841.000 / 1501**	**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **68,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6789** **Lot** : **1**	**BIN**	: **4146990**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$65,900	$83,300
Interior Architecture	$803,500	$489,900
Electrical	$1,479,800	$287,800
Mechanical	$83,900	$512,600
Total	**$2,433,000**	**$1,373,600**
Importance Code A	$65,900	$451,300
Importance Code B	$2,367,200	$922,300
Total	**$2,433,000**	**$1,373,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,500			
Interior Architecture	$6,500		$10,100	$15,700
Electrical	$800	$900	$1,000	$16,200
Mechanical	$11,600	$9,400	$20,300	$31,800
Total	**$46,400**	**$10,200**	**$31,500**	**$63,700**
Importance Code A	$34,300	$6,700	$6,700	$6,900
Importance Code B	$12,100	$3,500	$24,700	$56,800
Importance Code C				
Total	**$46,400**	**$10,200**	**$31,500**	**$63,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$83,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,300	
Windows								
Aluminum	100%			2047	* *	5	$32,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$13,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	10%			2042	* *	5-10	$28,700	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$65,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Copper/Terne	5%			2053	* *	10	$8,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,300	
Ceramic Tile	5%			2034	* *	5	$7,400	
Terrazzo	5%			LIFE	* *	5	$5,800	
Vinyl Tile	35%			2025	$439,200	3	$19,400	
Vinyl Tile 9" X 9"	35%			2020	$569,000	3	$25,800	
Wood	10%	Now	$97,400	2040	* *	5	$13,800	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,600	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$16,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	2-4	$137,200	2045	* *	5	$7,400	
Adhesion Failure, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Gymnasium								
AcousTileConcealSpLn	10%			2030	* *	5	$18,400	
Exposed Concrete	25%			LIFE	* *	5	$5,800	
Plaster	55%			LIFE	* *	5	$50,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Fused Toggle Switch	60%	2-4	$80,700	2050	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment On Extended Life								
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	25%			2024	$33,600	5	$400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$200	
Locally Mounted	50%	2-4	$37,800	2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2020	$740,200	10	$61,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2020	$15,100	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2020	$256,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$61,700	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$21,100	
Conversion Equipment								
Steam Boiler	100%			2023	$331,000	1	$67,300	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,400	
Terminal Devices								
Air Handler	20%			2025	$73,300	1	$8,400	
Convector/Radiator	80%			2030	* *	1	$17,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$83,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 200 - Q

Asset # : 1501

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2025	$67,700	2	$1,900	
Roof	10%			2025	$5,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$800	2023	$40,600	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main In Basement								
Water Heater								
Gas Fired	100%			2023	$15,800	2	$1,000	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$6,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$15,900	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 201 - Q**		
Address	: **65-11 155 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q201**
Program / Asset #	: **BOE0842.000 / 1502**	**Yr Built/Renovated**	: **1954 / 2004**
Area Sq Ft	: **73,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6792** **Lot** : **100**	**BIN**	: **4146992**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$75,300	$64,700
Interior Architecture	$839,500	
Electrical	$1,384,600	$426,500
Mechanical		$44,700
Total	**$2,299,400**	**$536,000**
Importance Code A	$75,300	$101,700
Importance Code B	$2,224,100	$434,200
Total	**$2,299,400**	**$536,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,200			
Interior Architecture	$9,500	$5,600	$5,600	$25,900
Electrical	$29,400	$1,100	$1,300	$23,800
Mechanical	$10,700	$12,400	$18,300	$30,100
Total	**$87,800**	**$19,100**	**$25,200**	**$79,800**
Importance Code A	$45,700	$7,400	$7,400	$7,600
Importance Code B	$42,100	$11,700	$15,000	$72,300
Importance Code C			$2,800	
Total	**$87,800**	**$19,100**	**$25,200**	**$79,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$57,900	
Masonry: Brick Cavity	10%	Now	$25,600	LIFE	* *	5	$6,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads, Gymnasium And Auditorium Fresh Air Intakes								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Gymnasium And Auditorium Fresh Air Intakes								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2047	* *	5	$25,400	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$13,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,100	
Roof								
Copper/Terne	5%			2053	* *	10	$9,900	
Modified Bitumen	95%			2030	* *	10	$75,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,300	
Ceramic Tile	5%			2034	* *	5	$5,600	
Sheet Vinyl/Rubber	5%			2033	* *	5	$8,400	
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile	10%			2030	* *	3	$4,200	
Vinyl Tile 9" X 9"	68%			2020	$839,500	3	$38,100	
Wood	5%			2040	* *	5	$10,500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$18,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$22,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Exposed Concrete	55%			LIFE	* *	5	$9,600	
Plaster	25%			LIFE	* *	5	$17,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 400 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment On Extended Life								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Knife Sw	10%	2-4	$13,500	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment On Extended Life								
Fused Toggle Switch	30%	2-4	$40,400	2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment On Extended Life								
Molded Case Bkrs	50%			2024	$67,300	5	$1,000	
Molded Case Bkrs	5%			2033	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%	2-4	$15,100	2045	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2020	$707,000	10	$58,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	12%			2025	$99,800	10	$8,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2020	$6,000	10		
Incandescent	2%			2020	$16,600	2		
Egress Lighting								
Emergency, Battery	50%			2025	$50,500	10	$9,000	
Exit, Service	50%			2025	$10,100	1		
Exterior Lighting								
HID	100%			2020	$275,700	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$23,200	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$74,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,700	
Terminal Devices								
Air Handler	20%			2030	* *	1	$9,300	
Convector/Radiator	80%			2038	* *	1	$19,400	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 201 - Q

Asset # : 1502

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$7,700	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,800	
Exhaust Fans								
Interior	95%			2030	* *	2	$2,200	
Roof	5%			2025	$3,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2023	$44,700	1		
Water Heater								
Gas Fired	100%			2023	$17,400	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2045	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 202 - BK ERNEST S. JENKYNS**
Address : **982 HEGEMAN AVE. BTWN: BERRIMAN ST., ATKINS AVE**
Borough : **BROOKLYN**
Agency's Number : **K202**
Program / Asset # : **BOE0497.000 / 2667**
Yr Built/Renovated : **1925 / 2001**
Area Sq Ft : **109,000**
Project Type : **EDUCATION**
Date of Survey : **14-Nov-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **4477** **Lot** : **1**
BIN : **3098664**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,515,200	$243,900
Interior Architecture	$836,100	$818,100
Electrical	$217,100	$972,200
Mechanical	$86,000	$1,675,500
Total	**$3,654,500**	**$3,709,700**
Importance Code A	$2,515,200	$273,300
Importance Code B	$750,000	$3,386,200
Importance Code C	$389,300	$50,100
Total	**$3,654,500**	**$3,709,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,200			
Interior Architecture	$76,700			$11,500
Electrical	$3,200	$2,200	$1,500	$1,800
Mechanical	$56,000	$17,000	$24,600	$17,000
Total	**$142,200**	**$19,100**	**$26,200**	**$30,300**
Importance Code A	$17,200	$11,100	$11,100	$11,100
Importance Code B	$108,200	$8,000	$15,100	$19,200
Importance Code C	$16,800			
Total	**$142,200**	**$19,100**	**$26,200**	**$30,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	0-2	$147,500	LIFE	* *	5	$81,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	78%	Now	$980,500	LIFE	* *	5	$162,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Masonry: Granite	7%	0-2	$172,500	LIFE	* *	5	$10,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	Now	$126,300	LIFE	* *	5	$7,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Marble	3%	0-2	$214,900	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	2%			2046	* *	5-10	$28,600	
Windows								
Aluminum	95%	Now	$468,700	2042	* *	5	$28,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%	Now	$82,600	2051	* *	5	$14,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Parapets								
Masonry: Brick	92%	Now	$161,900	LIFE	* *	5	$14,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Parapet								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	3%	Now	$3,500	2046	* *	5	$900	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	0-2	$2,700	LIFE	* *	5	$4,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	100%	Now	$160,300	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 40%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Room 514								
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$17,500	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$48,800	2035	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%	0-2	$39,000	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2026	$285,400	3	$16,800	
Vinyl Tile	25%			2021	$356,700	3	$21,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Stairs								
Explanation : 9x9 Tiles								
Vinyl Tile 9" X 9"	10%	0-2	$37,000	2031	* *	3	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%	4+	$166,000	2029	* *	5	$47,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
P. S. 202 - BK ERNEST S. JENKYNS
Asset # : 2667

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$144,200	2029	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 75%								
Location : Toilet(s)								
Masonry: Brick	10%	Now	$81,500	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$83,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$16,800	LIFE	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Rooms 510, 557, Stairs 5 And 7								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 510, 557, Stairs 3 And 7								
Plaster	70%			LIFE	* *	5-10	$124,300	
Ceilings								
Exposed Concrete	25%			LIFE	* *	5-10	$52,400	
Plaster	15%	Now	$33,000	LIFE	* *	5	$15,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Rooms 401, 506, 507, 511 And 513								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms 401, 506, 507, 511 And 513								
Plaster	60%			LIFE	* *	5-10	$173,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 202 - BK ERNEST S. JENKYNS

Asset # : 2667

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$97,700	5	$200	
Fused Knife Sw	50%	2-4	$97,700	2056	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2026	$187,800	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$300	
Molded Case Bkrs	60%			2048	* *	5	$1,700	
Molded Case Bkrs	30%			2025	$53,800	5	$900	
Wiring								
Braided Cloth	40%	2-4	$119,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$92,100	5	$600	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$99,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2034	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$13,500	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$411,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$12,200	
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2034	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 202 - BK ERNEST S. JENKYNS

Asset # : 2667

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$10,900	2031	* *	1	$99,900	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Stream Traps With Boiler In The Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,700	2036	* *	4	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump, Back Of Boiler Room								
Terminal Devices								
Air Handler	15%			2026	$90,700	1	$10,400	
Convector/Radiator	55%	0-2	$58,200	2024	$582,500	1	$17,900	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : 50% Stream Traps, Throughout								
Fan Coil Unit/Heat	30%			2021	$503,600	1	$10,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$4,600	2021	$46,100	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 10% Of Window Units Not Working								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,000	
Exhaust Fans								
Interior	95%			2026	$117,700	2	$3,300	
Roof	5%	0-2	$900	2031	* *	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : 30% Of Roof Exhausts Are Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$6,700	2026	$334,900	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Rest Rooms								
Water Heater								
Gas Fired	100%			2024	$26,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%	Now	$4,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Rest Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 202 - BK ERNEST S. JENKYNS

Asset # : 2667

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 203 - BK**				
Address	: **5101 AVENUE M BTWN: EAST 51 ST, EAST 52 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K203**	
Program / Asset #	: **BOE0498.000 / 28**		**Yr Built/Renovated**	: **1927 / 2013**	
Area Sq Ft	: **93,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **01-May-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **7849**	**Lot** : **1**	**BIN**	: **3218626**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$169,900	$171,900
Interior Architecture	$1,286,000	$117,800
Electrical	$204,400	$1,893,000
Mechanical	$71,400	$1,697,800
Total	**$1,731,700**	**$3,880,500**
Importance Code A	$169,900	$208,900
Importance Code B	$1,360,600	$3,671,600
Importance Code C	$201,200	
Total	**$1,731,700**	**$3,880,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,900			
Interior Architecture	$70,400	$1,800		$8,000
Electrical	$2,900	$1,000	$1,400	$2,000
Mechanical	$113,300	$17,100	$23,300	$15,100
Total	**$223,600**	**$19,900**	**$24,700**	**$25,100**
Importance Code A	$46,400	$9,400	$9,400	$9,400
Importance Code B	$120,700	$10,400	$15,200	$15,700
Importance Code C	$56,500			
Total	**$223,600**	**$19,900**	**$24,700**	**$25,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	80%			LIFE	* *		5	$156,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%									
Location : Throughout									
Masonry: Brick	15%			LIFE	* *		5	$29,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Masonry: Limestone	5%			LIFE	* *		5	$7,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%									
Location : Throughout									
Windows									
Aluminum	100%			2042	* *		5	$34,500	
Parapets									
Masonry: Brick	90%			LIFE	* *		5-10	$90,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Masonry: Limestone	10%			LIFE	* *		5-10	$17,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Roof									
Built-Up (BUR)	1%			2031	* *		10	$800	
Copper/Terne	1%			2061	* *		10	$2,000	
Repairs in Progress, Extent : Light, Area Affected : 66%									
Location : Throughout									
Modified Bitumen	98%			2036	* *		10	$79,100	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$13,800	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$66,400	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	30%	Now	$109,300	2031	* *	3	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	10%			2036	* *	3	$5,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	15%	Now	$235,900	2036	* *	3	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	35%	Now	$329,700	2041	* *	5	$46,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$22,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$39,700	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$5,800	
Masonry: Brick	10%	Now	$28,000	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Gymnasium								
Marble Panels	5%			LIFE	* *	10	$2,900	
Plaster	70%	Now	$161,500	LIFE	* *	5	$30,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%	Now	$45,600	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$297,900	LIFE	* *	5	$70,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$153,900	5	$400	
Fused Disc Sw	10%			2046	* *	5		
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	70%			2025	$125,600	5	$1,700	
Molded Case Bkrs	20%			2042	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$204,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2024	$22,700	5	$200	
Locally Mounted	70%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$84,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$1,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Incandescent	2%			2021	$21,200	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$10,400	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$963,200			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$94,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	5%	0-2	$33,300	2056	* *	4	$200	
Steam Traps Faulty, Extent : Light, Area Affected : 5%								
Location : Basement Fan Room								
Steam Piping/Pump	75%			2026	$499,600	4	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	20%			2046	* *	4	$1,400	
Terminal Devices								
Air Handler	25%			2021	$128,600	1	$14,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And 4th Floor Fan Rooms								
Convector/Radiator	50%			2024	$450,600	1	$15,400	
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Fan Coil Unit/Heat	5%	Now	$71,400	2036	* *	1	$1,400	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Throughout, Multiple Mechanical And Or Electrical Defects								
Fan Coil Unit/Heat	20%			2021	$285,700	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2031	* *	1	$4,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One Unit								
Ext Pkg Unit - Cooling	5%			2031	* *	2	$300	
Window/Wall Unit	15%			2021	$29,400	1		
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	10%			2036	* *	4	$500	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2031	* *	1	$5,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$84,200	
Exhaust Fans								
Interior	100%			2021	$105,500	2	$2,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And 4th Floor Fan Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galv Iron/Steel	80%			2024	$227,900	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$22,200	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gal Heater								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	0-2	$20,700	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement, Deteriorated House Traps								
Storm Drain Piping								
Cast Iron	10%	Now	$13,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boiler Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - BK

Asset # : 28

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 203 - Q**				
Address	: **53-11 SPRINGFIELD BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q203**
Program / Asset #	: **BOE0844.000 / 2760**			**Yr Built/Renovated**	: **1961 / 2005**
Area Sq Ft	: **79,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **20-Feb-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **7482**	**Lot**	: **317**	**BIN**	: **4161005**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,244,900	$57,400
Interior Architecture	$201,600	$351,100
Electrical	$1,341,700	$184,000
Mechanical	$58,700	$54,100
Total	**$2,846,900**	**$646,600**
Importance Code A	$1,244,900	$57,400
Importance Code B	$1,602,000	$589,200
Total	**$2,846,900**	**$646,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,500	$12,100		$10,100
Interior Architecture	$2,300	$16,000	$8,000	$17,500
Electrical	$2,100	$900	$900	$28,300
Mechanical	$16,700	$11,500	$20,200	$24,100
Total	**$24,600**	**$40,600**	**$29,100**	**$80,000**
Importance Code A	$11,500	$20,200	$8,100	$18,100
Importance Code B	$13,000	$20,400	$19,400	$61,900
Importance Code C			$1,600	
Total	**$24,600**	**$40,600**	**$29,100**	**$80,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$6,300	
Masonry: Brick Cavity	85%			LIFE	* *	5	$57,400	
Masonry: Limestone	3%			LIFE	* *	5	$1,500	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$12,700	
Windows								
Aluminum	100%	Now	$635,500	2050	* *	5	$7,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5	$9,400	
Masonry: Limestone	3%	Now	$3,500	LIFE	* *	5	$400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Rail	10%			2038	* *	5-10	$20,000	
Granite Panels	2%			LIFE	* *	5	$200	
Roof								
Copper/Terne	5%			2040	* *	10	$10,100	
IRMA/Protected Membrane	95%	Now	$609,400	2035	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,700	
Ceramic Tile	3%			2034	* *	5	$3,700	
Terrazzo	2%			LIFE	* *	5	$1,900	
Vinyl Tile	25%			2030	* *	3	$11,400	
Vinyl Tile	30%			2025	$311,300	3	$13,700	
Vinyl Tile	5%			2033	* *	3	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Vinyl Tile 9" X 9"	15%			2020	$201,600	3	$9,200	
Wood	10%			2053	* *	5	$22,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,200	
Concrete Masonry Unit	20%			LIFE	* *	5	$8,600	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$16,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$30,500	
Exposed Concrete	45%			LIFE	* *	5	$8,600	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2025	$39,800			
Metal Panel	10%			LIFE	* *	5	$15,200	
Plaster	10%			LIFE	* *	5	$7,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$2,100	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$15,100	5	$100	
Locally Mounted	80%			2042	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	94%			2020	$851,400	10	$70,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2025	$27,200	10	$2,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Incandescent	3%			2020	$27,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$55,000	10	$9,800	
Exit, Service	50%			2025	$11,000	1		
Exterior Lighting								
HID	100%			2020	$298,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights, Alarm Bells, And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$25,300	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$80,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	20%			2030	* *	1	$10,100	
Convector/Radiator	80%			2038	* *	1	$21,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 203 - Q

Asset # : 2760

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	35%			2020	$58,700	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	60%			2025	$54,100	2	$1,500	
Roof	40%			2025	$25,900	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2024	$19,000	2	$1,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2025	$25,300	4	$12,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 204 - BK**				
Address	: **8101 15TH AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K204**
Program / Asset #	: **BOE0499.000 / 2553**			**Yr Built/Renovated**	: **1929 / 2000**
Area Sq Ft	: **140,321**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **6294**	**Lot** : **1**		**BIN**	: **3163702**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$47,700	$129,600
Interior Architecture	$885,700	$471,300
Electrical	$173,700	$1,062,000
Mechanical	$158,700	$335,600
Total	**$1,265,700**	**$1,998,500**
Importance Code A	$47,700	$129,600
Importance Code B	$1,130,300	$1,803,300
Importance Code C	$87,700	$65,600
Total	**$1,265,700**	**$1,998,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$20,100	$9,100	
Interior Architecture	$39,300	$7,900	$6,600	$3,900
Electrical	$13,300	$34,900	$20,300	$12,400
Mechanical	$26,700	$21,400	$47,000	$21,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$83,200**	**$88,100**	**$87,000**	**$41,600**
Importance Code A	$13,900	$34,300	$23,000	$13,900
Importance Code B	$44,100	$53,800	$64,000	$27,700
Importance Code C	$25,100			
Total	**$83,200**	**$88,100**	**$87,000**	**$41,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$39,200	
Masonry: Brick	65%			LIFE	* *	5	$65,300	
Masonry: Brick	25%			LIFE	* *	5	$25,100	
Masonry: Granite	5%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%			2039	* *	5	$18,200	
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$6,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,400	
Copper/Terne	5%			2058	* *	5	$3,000	
Masonry: Brick	60%			LIFE	* *	5	$7,400	
Masonry: Granite	15%			LIFE	* *	5	$2,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$2,300	
Roof								
Built-Up (BUR)	70%	Now	$47,700	2028	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%								
Location : 1929 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms On Fourth Floor								
Copper/Terne	5%			2051	* *	10	$9,300	
Modified Bitumen	25%			2028	* *	10	$18,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$45,900	
Ceramic Tile	5%	Now	$10,200	2032	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,200	
Vinyl Tile	25%			2028	* *	3	$19,700	
Vinyl Tile	30%			2018	$535,700	3	$23,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1929 Wing								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2023	$267,900	3	$15,800	
Wood	10%	4+	$69,300	2038	* *	5	$19,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$25,100	2032	* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	20%			LIFE	* *	5	$29,200	
Gypsum Board	5%			LIFE	* *	5	$10,900	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%	Now	$87,700	LIFE	* *	5	$65,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	20%			2036	* *	5	$42,000	
Exposed Concrete	10%			LIFE	* *	5	$3,300	
Plaster	70%	Now	$193,000	LIFE	* *	5	$91,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms On Fourth Floor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$110,000	5	$300	
Fused Disc Sw	50%			2043	* *	5	$300	
Raceway								
Conduit	50%			2023	$123,700	1		
Conduit	50%			2043	* *	1		
Panelboards								
Molded Case Bkrs	50%			2022	$112,100	5	$1,800	
Molded Case Bkrs	50%			2039	* *	5	$1,800	
Wiring								
Braided Cloth	50%	2-4	$173,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$500	
Locally Mounted	50%			2036	* *	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$43,200	
Generators								
Diesel	100%			2032	* *	1	$54,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Caterpillar Genset - No Rating Available								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$31,300	
Fuel Storage								
Day Tank	50%			2039	* *	5	$13,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : 25 Gallons								
Main Tank	50%			2051	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$128,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$4,700	
Exterior Lighting								
HID	100%			2023	$530,000	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$10,500	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$17,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$139,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$10,400	
Terminal Devices								
Air Handler	30%			2023	$227,000	1	$26,000	
Convector/Radiator	70%			2028	* *	1	$31,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2028	* *	2	$2,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	55%			2018	$158,700	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$54,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,200	
Exhaust Fans								
Interior	70%	Now	$2,200	2023	$108,600	2	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Roof	30%			2028	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galv Iron/Steel	70%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$32,600	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 400 Gals								

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DEPARTMENT OF EDUCATION - 040

P. S. 204 - BK

Asset # : 2553

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$8,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-4							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$800	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 205 - BK**		
Address	**: 6701 20 AVENUE**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K205**
Program / Asset #	**: BOE0500.000 / 1313**	**Yr Built/Renovated**	**: 1925 / 2001**
Area Sq Ft	**: 137,175**	**Project Type**	**: EDUCATION**
Date of Survey	**: 21-Nov-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,5**		
Block	**: 5571 Lot : 1**	**BIN**	**: 3134749**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$58,700	$412,400
Interior Architecture	$749,300	$547,700
Electrical	$126,800	$879,900
Mechanical	$272,600	$1,251,200
Total	**$1,207,400**	**$3,091,300**
Importance Code A	$58,700	$454,500
Importance Code B	$897,000	$2,593,400
Importance Code C	$251,600	$43,400
Total	**$1,207,400**	**$3,091,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$27,800		
Interior Architecture	$106,700		$5,300	$18,500
Electrical	$45,300	$13,100	$10,700	$27,900
Mechanical	$52,600	$26,800	$38,300	$111,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$209,500**	**$72,600**	**$59,300**	**$162,600**
Importance Code A	$14,000	$41,700	$14,000	$14,300
Importance Code B	$148,200	$30,800	$45,300	$148,300
Importance Code C	$47,300			
Total	**$209,500**	**$72,600**	**$59,300**	**$162,600**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$102,400	
Masonry: Brick	90%			LIFE	* *	5	$235,900	
Masonry: Limestone	5%			LIFE	* *	5	$9,800	
Windows								
Aluminum	100%			2041	* *	5	$74,100	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$16,300	
Metal Rail	10%			2038	* *	5-10	$34,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,000	
Roof								
Built-Up (BUR)	80%			2030	* *	10	$58,700	
Cast in Place Concrete	15%			LIFE	* *			
Metal Panel	5%			2038	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$22,000	LIFE	* *	5	$46,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$10,600	
Terrazzo	5%	2-4	$24,500	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	50%	0-2	$44,900	2030	* *	3	$39,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	2-4	$35,900	2025	$359,100	3	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%	4+	$209,000	2040	* *	5	$19,800	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$83,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$18,100	2034	* *	5	$6,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$29,200	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	2-4	$52,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%	Now	$116,000	LIFE	* *	5	$43,400	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	10%	2-4	$8,500	2030	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	2-4	$4,300	2038	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$3,300	
Plaster	75%	Now	$207,900	LIFE	* *	5	$99,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	75%			2025	$164,900	5	$400	
Fused Disc Sw	25%			2045	* *	5	$100	
Raceway								
Conduit	80%			2045	* *	1		
Conduit	20%			2025	$49,500	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	80%			2041	* *	5	$2,900	
Molded Case Bkrs	10%			2024	$22,400	5	$400	
Wiring								
Braided Cloth	10%	2-4	$34,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	90%			2045	* *	1		
Motor Controllers								
Locally Mounted	70%			2038	* *	5	$600	
Motor Control Center	30%			2038	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$42,200	
Generators								
Diesel	100%			2034	* *	1	$53,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$30,600	
Fuel Storage								
Day Tank	20%			2041	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallon Tank								
Main Tank	80%			2028	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gallon Tank								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$126,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	2%			2025	$22,500	10	$100	
Egress Lighting								
Emergency, Service	50%			2025	$34,700	1		
Exit, Service	50%			2025	$19,000	1		
Exterior Lighting								
HID	100%			2025	$518,100	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$83,000	1	$10,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$139,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$98,500	2035	* *	4	$7,000	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Thermostats, Various Areas								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2030	* *	1	$26,200	
Convector/Radiator	60%			2023	$799,700	1	$27,300	
Fan Coil Unit/Heat	10%			2025	$211,300	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 205 - BK

Asset # : 1313

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%	Now	$17,400	2020	$174,000	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,700	
Exhaust Fans								
Interior	100%			2025	$156,000	2	$4,300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2023	$84,300	1		
Water Heater								
Gas Fired	100%			2020	$32,800	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2025	$1,300	1	$800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : For Boilers And Hot Water Heater Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C - 1 - 2 - 3 - 4 - 5								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$73,800	
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$2,000	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 205 - Q**		
Address	: **75-25 BELL BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q205**
Program / Asset #	: **BOE0846.000 / 1504**	**Yr Built/Renovated**	: **1954 / 1999**
Area Sq Ft	: **100,394**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7753** **Lot** : **1**	**BIN**	: **4164007**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$662,300	$347,400
Interior Architecture	$822,200	
Electrical	$1,418,800	$491,200
Mechanical		$934,300
Total	**$2,903,400**	**$1,772,900**
Importance Code A	$704,300	$848,700
Importance Code B	$2,199,000	$924,200
Total	**$2,903,400**	**$1,772,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,500	$4,700	$17,400	
Interior Architecture	$22,500	$34,500	$4,800	
Electrical	$34,900	$39,500	$2,300	$2,300
Mechanical	$58,400	$59,000	$23,700	$14,200
Total	**$138,300**	**$137,700**	**$48,300**	**$16,400**
Importance Code A	$32,700	$14,900	$27,600	$10,200
Importance Code B	$87,000	$122,800	$20,600	$6,200
Importance Code C	$18,700			
Total	**$138,300**	**$137,700**	**$48,300**	**$16,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$22,000	
Masonry: Brick	81%			LIFE	* *	5	$75,900	
Masonry: Fieldstone	7%			LIFE	* *	5	$4,900	
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Metal Panel	2%			2033	* *	5-10	$12,900	
Windows								
Aluminum	100%			2039	* *	5	$34,900	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$17,800	
Masonry: Limestone	7%			LIFE	* *	5	$1,700	
Metal Panel	3%			2043	* *	5	$2,300	
Roof								
IRMA/Protected Membrane	70%	Now	$608,000	2033	* *			
Drains Inad/Misposn, Extent : Severe, Area Affected : 50%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Light, Area Affected : 25%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Retention Tanks								
Explanation : Water From Roof Runs To Retention Tanks Which Overflow With Heavy Rains								
IRMA/Protected Membrane	25%	Now	$54,300	2023	$271,400			
Broken Paver Blocks, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Roll Roofing	5%	0-2	$22,500	2025	$22,500	5	$4,500	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$7,700	
Terrazzo	5%	Now	$35,800	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Uneven Surface, Extent : Light, Area Affected : 5%								
Location : Lobby								
Vinyl Tile	60%			2018	$786,400	3	$34,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	25%			2028	* *	3	$14,500	
Wood	5%			2051	* *	5	$14,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,200	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	58%			LIFE	* *	5	$27,000	
Plaster	5%	Now	$18,700	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
SGFT/Glazed Masonry	24%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$38,300	
AcousTile,Adhered	5%			2028	* *	5	$7,700	
Exposed Concrete	60%			LIFE	* *	5	$14,400	
Plaster	10%			LIFE	* *	5	$9,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	4+	$42,000	2053	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$195,500	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	40%	2-4	$71,800	2048	* *	5	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	40%			2022	$71,800	5	$1,100	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$223,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$59,700	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$500	
Locally Mounted	20%	2-4	$23,000	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	96%			2028	* *	10	$90,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2018	$24,700	10	$100	
Incandescent	1%			2018	$11,400	2		
Egress Lighting								
Emergency, Battery	50%			2023	$69,500	10	$12,400	
Exit, Service	50%			2023	$13,900	1		
Exterior Lighting								
HID	100%			2018	$379,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$415,900	1-3	$24,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$253,600	5	$31,900	
Conversion Equipment								
Steam Boiler	100%			2021	$501,300	1	$102,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$7,600	
Terminal Devices								
Air Handler	20%			2023	$111,100	1	$12,700	
Convector/Radiator	80%			2028	* *	1	$26,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	8%			2018	$16,900	1		
No Component	92%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$57,400	
Exhaust Fans								
Interior	60%			2023	$68,300	2	$1,900	
Roof	40%			2023	$32,700	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%	Now	$21,500	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$15,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$14,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : School Yard								
Explanation : Storm Water Goes To Retention Tank Causing Water Flooding Over The Oil Tanks								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205 - Q

Asset # : 1504

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 205A - BX (ECF)**
Address : **2475 SOUTHERN BOULEVARD (NEAR E. FORDHAM RD.)**
Borough : **BRONX**
Agency's Number : **X205**
Program / Asset # : **BOE0313.000 / 2686**
Yr Built/Renovated : **1976 / 2008**
Area Sq Ft : **55,000**
Project Type : **EDUCATION**
Date of Survey : **21-May-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3115** **Lot** : **21** **BIN** : **2086808**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$123,400	$44,700
Interior Architecture	$237,500	
Electrical	$207,700	$52,100
Mechanical	$276,300	$628,000
Total	**$845,000**	**$724,700**
Importance Code A	$399,700	$44,700
Importance Code B	$401,600	$680,100
Importance Code C	$43,700	
Total	**$845,000**	**$724,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,900			$5,300
Interior Architecture	$62,000	$2,100		$9,000
Electrical	$37,000	$1,500	$1,900	$1,600
Mechanical	$59,600	$9,300	$30,900	$13,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$165,500**	**$16,900**	**$36,800**	**$33,100**
Importance Code A	$2,900	$5,600	$5,700	$10,900
Importance Code B	$144,500	$11,200	$31,000	$22,200
Importance Code C	$18,100			
Total	**$165,500**	**$16,900**	**$36,800**	**$33,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	2-4	$67,400	LIFE	* *	5	$44,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	5%			2037	* *	5	$5,900	
Windows								
Aluminum	100%			2040	* *	5	$10,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,000	
Masonry: Brick	90%			LIFE	* *	5	$6,900	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$56,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,300	
Ceramic Tile	5%			2033	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$3,300	
Vinyl Tile	85%	2-4	$122,800	2029	* *	3	$27,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Along Pipe Tunnels, 1st Floor, Basement And Cafeteria								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$3,000	
Gypsum Board	30%			LIFE	* *	5	$13,500	
Plaster	30%	Now	$18,100	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	2-4	$43,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%	Now	$71,000	2037	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%	2-4	$32,800	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	10%	0-2	$11,100	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$200	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	20%			2023	$20,900	5	$300	
Molded Case Bkrs	80%			2032	* *	5	$1,200	
Wiring								
Braided Cloth	20%	2-4	$34,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Thermoplastic	80%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$52,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2019	$207,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	* *	1	$4,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$10,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$139,800	5	$17,600	
Conversion Equipment								
Steam Boiler	100%	2-4	$276,300	2044	* *	1	$50,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$19,800	2034	* *	4	$2,800	
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2024	$91,800	1	$10,500	
Convector/Radiator	50%			2029	* *	1	$9,200	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%	Now	$19,800	2025	$396,400	2	$600	
Broken, Extent : Moderate, Area Affected : 35%								
Location : 6 Units Are Broken - Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms								
Explanation : 19 Wall Units Provide Cool And Hot Air With Steam Supply								
No Component	80%							
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2	$3,700	
No Component	95%							
Terminal Devices								
Air Handler/Cool/Ht	5%			2032	* *	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Explanation : One Unit Serves Auditorium And Lunch Room								
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2032	* *	2	$2,000	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205A - BX (ECF)

Asset # : 2686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	30%	Now	$1,900	2024	$18,800	2	$400	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : Ceiling Mounted - 3rd Floor								
Roof	70%			2029	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$17,600	4	$5,600	
Sanitary Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Drain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, 1, 2, 3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$29,700	
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 205B (ECF)- BX**
Address : **2375 SOUTHERN BOULEVARD BTWN: E. FORDHAM RD, - E.187 ST.**
Borough : **BRONX** | **Agency's Number** : **X864**
Program / Asset # : **BOE0341.000 / 330** | **Yr Built/Renovated** : **1976 / 2010**
Area Sq Ft : **21,000** | **Project Type** : **EDUCATION**
Date of Survey : **31-Mar-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **3114** **Lot** : **52** | **BIN** : **2013047**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$60,100	
Interior Architecture	$193,500	
Electrical		$132,600
Total	**$253,600**	**$132,600**
Importance Code A	$60,100	
Importance Code B	$193,500	$132,600
Total	**$253,600**	**$132,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,000		$40,500	
Interior Architecture	$95,900		$1,200	$1,200
Electrical	$500	$200	$500	$200
Mechanical	$300		$300	$100
Total	**$150,600**	**$200**	**$42,500**	**$1,500**
Importance Code A	$54,000		$40,500	
Importance Code B	$42,000	$200	$2,000	$1,500
Importance Code C	$54,700			
Total	**$150,600**	**$200**	**$42,500**	**$1,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$20,900	LIFE	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	5%			2039	* *	5	$1,800	
Windows								
Aluminum	100%	Now	$60,100	2034	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	20%			LIFE	* *	5-10	$5,400	
Metal Rail	80%			2039	* *	5-10	$56,600	
Roof								
IRMA/Protected Membrane	83%	Now	$9,400	2031	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	10%			2039	* *	10	$5,200	
Skylight, Plastic	2%			2039	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 16 Units								
Sloped Glazing	5%			LIFE	* *	5	$38,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$14,200	
Ceramic Tile	5%			2035	* *	5	$1,600	
Quarry Tile	5%			2039	* *	5	$2,400	
Sheet Vinyl/Rubber	67%	Now	$193,500	2031	* *	5	$16,300	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$1,500	
Vinyl Tile	10%	Now	$11,000	2031	* *	3	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$4,000	2035	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	10%			2042	* *	5	$7,200	
Plaster	15%			LIFE	* *	5-10	$3,700	
SGFT/Glazed Masonry	60%	2-4	$33,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	10%			LIFE	* *	5	$23,000	
Ceilings								
AcousTileConcealSpLn	25%	2-4	$6,600	2031	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%	4+	$12,500	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Rooms 204 and 208								
Plaster	15%	0-2	$3,200	LIFE	* *	5	$3,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Toilets Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5		
Molded Case Bkrs	90%			2034	* *	5	$500	
Wiring								
Thermoplastic	100%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	1%			2031	* *	10	$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Fluorescent	99%			2031	* *	10	$19,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$2,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
Fluorescent	100%			2026	$67,300	10	$1,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$19,100	1	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$65,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2046	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Heat Pump	100%			2027	* *	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout Building, Split System Provides Heating And Cooling								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 205B (ECF)- BX

Asset # : 330

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2024	$3,400	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 206 - BK**		
Address	: **GRAVESEND NECK ROAD & EAST 22 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K206**
Program / Asset #	: **BOE0501.000 / 1314**	**Yr Built/Renovated**	: **1925 / 2000**
Area Sq Ft	: **109,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **7381** **Lot** : **201**	**BIN**	: **3201080**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$827,700	$573,500
Interior Architecture	$1,343,700	$175,000
Electrical	$1,201,200	$693,000
Mechanical	$120,900	$372,500
Total	**$3,493,500**	**$1,814,000**
Importance Code A	$827,700	$615,600
Importance Code B	$2,467,200	$1,154,600
Importance Code C	$198,500	$43,900
Total	**$3,493,500**	**$1,814,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,400	$19,500		
Interior Architecture	$111,500	$5,700		$9,400
Electrical	$12,800	$4,800	$2,300	$2,100
Mechanical	$69,600	$41,800	$24,800	$16,600
Total	**$245,200**	**$71,800**	**$27,100**	**$28,100**
Importance Code A	$62,500	$30,900	$11,100	$11,100
Importance Code B	$107,000	$40,900	$16,000	$17,000
Importance Code C	$75,800			
Total	**$245,200**	**$71,800**	**$27,100**	**$28,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$147,500	LIFE	* *	5	$81,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	83%	Now	$521,700	LIFE	* *	5	$172,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Masonry: Granite	5%	Now	$24,600	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$3,100	
Metal Panel	5%			2043	* *	5-10	$71,600	
Windows								
Aluminum	100%	Now	$123,300	2039	* *	5	$29,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Masonry: Brick	20%	Now	$35,200	LIFE	* *	5	$3,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$7,600	
Masonry: Brick	20%			LIFE	* *	5	$3,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$26,700	2023	$267,200			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location :								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 5/6, 8, Rooms 510, 515, 516								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$8,700	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2038	* *	5	$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$65,000	2038	* *	5	$1,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Marble Panels	5%			LIFE	* *	5	$6,300	
Quarry Tile	5%			2036	* *	5	$12,600	
Vinyl Tile	10%	Now	$142,700	2033	* *	3	$6,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	35%	Now	$149,800	2018	$499,400	3	$22,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	15%			2033	* *	3	$9,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	15%	4+	$41,500	2038	* *	5	$23,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$33,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Glass: Single Pane	3%	Now	$9,400	LIFE	* *	5	$4,700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Masonry: Brick	10%	Now	$40,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%	Now	$33,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	70%	Now	$117,300	LIFE	* *	5	$43,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stair 8, Throughout All Class Rooms And Stair Bulkhead								
SGFT/Glazed Masonry	10%	Now	$40,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	$27,000	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$246,700	LIFE	* *	5	$10,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair 5/6 And Bulkhead								
Plaster	80%			LIFE	* *	5	$83,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$195,500	5	$2,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$300	
Molded Case Bkrs	75%			2022	$134,500	5	$2,200	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$400	
Locally Mounted	50%			2021	$57,600	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	15%			2028	* *	10	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Cafeteria, Play Area And Staircase								
Explanation : T-8 Lamps								
Fluorescent	82%			2028	* *	10	$84,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	3%			2018	$37,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$75,600	10	$13,500	
Exit, Service	50%			2023	$15,100	1		
Exterior Lighting								
HID	100%			2018	$411,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$383,800	1-3	$22,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 8000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,700	2033	* *	4	$5,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2018	$120,900	1	$13,900	
Convector/Radiator	70%			2028	* *	1	$25,400	
Fan Coil Unit/Heat	10%			2023	$167,900	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	35%	Now	$32,300	2021	$80,700	1		
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%	Now	$6,200	2023	$123,900	2	$2,700	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Fan Room								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2018	$26,100	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 300 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - BK

Asset # : 1314

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 206 - Q**
Address : **61-21 97 PLACE**
Borough : **QUEENS**
Program / Asset # : **BOE0847.000 / 1505**
Area Sq Ft : **63,000**
Date of Survey : **19-Nov-2013**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2083** **Lot** : **123**

Agency's Number : **Q206**
Yr Built/Renovated : **1954 / 2001**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4050414**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$619,100	$55,900
Interior Architecture	$134,000	$674,400
Electrical	$53,300	$201,300
Mechanical		$353,200
Total	**$806,500**	**$1,284,800**
Importance Code A	$619,100	$370,500
Importance Code B	$187,400	$914,300
Total	**$806,500**	**$1,284,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$67,300	$19,900		
Interior Architecture			$12,800	$11,700
Electrical	$1,500	$700	$700	$22,900
Mechanical	$35,800	$13,600	$21,600	$34,700
Total	**$104,600**	**$34,200**	**$35,200**	**$69,300**
Importance Code A	$73,700	$26,300	$6,400	$6,400
Importance Code B	$30,900	$7,900	$27,300	$62,900
Importance Code C			$1,500	
Total	**$104,600**	**$34,200**	**$35,200**	**$69,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	* *	5	$50,000	
Masonry: Brick Cavity	10%	Now	$44,100	LIFE	* *	5	$5,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair B								
Masonry: Limestone	5%	Now	$32,100	LIFE	* *	5	$2,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	92%			2041	* *	5	$20,100	
Glass Block	3%			LIFE	* *	5	$400	
Steel	5%	Now	$57,200	2050	* *	5	$6,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Stairs, Fan Room								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stairs, Fan Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Stairs, Fan Room								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$7,500	
Masonry: Brick Cavity	25%	Now	$28,700	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Over Auditorium								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Masonry: Limestone	5%	Now	$6,500	LIFE	* *	5	$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Metal Rail	10%			2038	* *	5-10	$22,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	95%	Now	$517,800	2035	* *			
Insul Deter/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Fan Room Over Main Roof								
Metal Panel	5%			2038	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,600	
Ceramic Tile	3%			2034	* *	5	$2,900	
Terrazzo	5%			LIFE	* *	5	$3,800	
Vinyl Tile	82%			2025	$674,400	3	$29,700	
Wood	5%			2040	* *	5	$9,100	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$2,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$17,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	Now	$134,000	2045	* *	5	$7,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : First Floor Corridor, Gymnasium								
AcousTileSusp.Lay-In	15%			2030	* *	5	$14,400	
Exposed Concrete	20%			LIFE	* *	5	$3,000	
Plaster	50%			LIFE	* *	5	$30,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2051	* *	1		
Panelboards								
Molded Case Bkrs	100%			2047	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	10%			2023	$7,600	5		
Variable Frequency Drive	90%			2042	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	90%			2030	* *	10	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
Fluorescent	8%			2025	$57,400	10	$4,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100% Location : Hallways								
Incandescent	2%			2020	$14,400	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$7,800	
Exit, Service	50%			2025	$8,700	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$57,200	1	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100% Location : Hallways Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100% Location : Hallways Explanation : Manual Pull Stations, Horns, Strobe Lights, Smoke Detectors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$20,000	
Conversion Equipment								
Steam Boiler	100%			2023	$314,600	1	$64,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,000	2035	* *	4	$3,200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : F & T Traps								
Terminal Devices								
Air Handler	20%			2033	* *	1	$8,000	
Convector/Radiator	80%	Now	$9,800	2030	* *	1	$15,000	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : Traps Are Leaking								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	75%			2030	* *	2	$3,000	
R-134a Refrigerant, Extent : Light, Area Affected : 75%								
Location : Roof								
Window/Wall Unit	5%			2020	$6,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,000	
Exhaust Fans								
Interior	80%			2033	* *	2	$1,600	
Roof	20%			2025	$10,300	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$38,600	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$6,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 206 - Q

Asset # : 1505

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2035	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Installation								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 207 - BK**
Address : **4011 FILLMORE AVE. BTWN: KIMBALL ST, COLEMAN ST.**
Borough : **BROOKLYN**
Agency's Number : **K207**
Program / Asset # : **BOE0502.000 / 25**
Yr Built/Renovated : **1926 / 2014**
Area Sq Ft : **67,000**
Project Type : **EDUCATION**
Date of Survey : **01-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8484** **Lot** : **1**
BIN : **3239388**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$947,400	$125,400
Interior Architecture	$193,500	$251,900
Electrical	$139,100	$1,210,100
Mechanical	$167,800	$1,032,800
Total	**$1,447,900**	**$2,620,200**
Importance Code A	$947,400	$162,400
Importance Code B	$360,600	$2,457,800
Importance Code C	$139,800	
Total	**$1,447,900**	**$2,620,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,300			
Interior Architecture	$144,500		$7,100	$2,600
Electrical	$16,400		$200	$600
Mechanical	$65,900	$11,300	$16,200	$10,300
Total	**$281,100**	**$11,300**	**$23,500**	**$13,500**
Importance Code A	$61,100	$6,800	$6,800	$6,800
Importance Code B	$187,200	$4,500	$16,700	$6,700
Importance Code C	$32,800			
Total	**$281,100**	**$11,300**	**$23,500**	**$13,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$22,100	LIFE	* *	5	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$339,700	LIFE	* *	5	$56,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Repointing Failure, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Granite	5%	Now	$148,000	LIFE	* *	5	$2,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$390,300	2042	* *	5	$11,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$37,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$81,300	
Roof								
Copper/Terne	5%	Now	$4,900	2041	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	95%			2036	* *	10	$69,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$2,700	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$19,900	2029	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Marble Panels	5%	Now	$18,600	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2031	* *	5	$7,700	
Vinyl Tile	55%			2034	* *	3	$21,200	
Vinyl Tile	10%	Now	$26,200	2026	$87,500	3	$3,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	Now	$11,300	2021	$113,300	3	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%			2041	* *	5	$9,600	
Interior Walls								
Cast in Place Concrete	5%	Now	$16,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$14,300	2029	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	5%	Now	$2,100	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$40,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$41,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$58,200	LIFE	* *	5	$21,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%	Now	$32,900	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$53,700	LIFE	* *	5	$51,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 315								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$33,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2026	$3,700	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	60%			2025	$80,700	5	$1,100	
Molded Case Bkrs	30%			2042	* *	5	$500	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : On Extended Life								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$400	
Locally Mounted	20%			2039	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	68%			2036	* *	10	$42,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	30%			2031	* *	10	$18,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	40%			2021	$37,100	10	$6,600	
Emergency, Battery	10%			2036	* *	10	$1,700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$693,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil # 2 One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$68,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	20%			2052	* *	4	$700	
Steam Piping/Pump	80%			2026	$383,900	4	$4,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2031	* *	1	$10,600	
Convector/Radiator	40%			2024	$259,700	1	$8,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	10%	0-2	$64,900	2046	* *	1	$2,000	
Damaged, Extent : Moderate, Area Affected : 25%								
Location : Various Locations, Radiators Are Reported To Have Pin Hole Leaks								
Fan Coil Unit/Heat	10%	0-2	$102,900	2036	* *	1	$2,000	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Defects								
Fan Coil Unit/Heat	15%			2021	$154,400	1	$3,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2024	$56,500	1		
Window/Wall Unit	10%	0-2	$14,100	2026	$14,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$60,700	
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Basement Level								
Exhaust Fans								
Interior	95%			2031	* *	2	$2,000	
Roof	5%			2031	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2052	* *	1		
Galv Iron/Steel	80%			2024	$164,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$16,000	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - BK

Asset # : 25

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	10%	0-2	$14,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Deteriorating Piping								
Storm Drain Piping								
Cast Iron	5%	Now	$4,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Riser On Southern Side Of Building								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 207 - Q**				
Address	: **159-15 88 STREET BTWN: 159 AVE., 160 AVE.**				
Borough	: **QUEENS**			**Agency's Number**	: **Q207**
Program / Asset #	: **BOE0848.000 / 1506**			**Yr Built/Renovated**	: **1965 / 2015**
Area Sq Ft	: **87,475**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Jan-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **14009**	**Lot**	: **60**	**BIN**	: **4293311**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$188,700	$251,400
Interior Architecture	$127,200	$893,100
Electrical		$618,200
Mechanical		$997,100
Total	**$316,000**	**$2,759,800**
Importance Code A	$188,700	$251,400
Importance Code B	$81,200	$2,508,400
Importance Code C	$46,000	
Total	**$316,000**	**$2,759,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,500	$8,400		
Interior Architecture	$73,900		$10,100	$10,100
Electrical	$11,300	$600		$900
Mechanical	$36,600	$6,300	$10,500	$4,100
Total	**$139,300**	**$15,300**	**$20,600**	**$15,100**
Importance Code A	$17,700	$8,400		
Importance Code B	$104,200	$6,900	$20,600	$15,100
Importance Code C	$17,300			
Total	**$139,300**	**$15,300**	**$20,600**	**$15,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$35,100	
Masonry: Brick Cavity	95%			LIFE	* *	5	$142,100	
Windows								
Aluminum	100%			2048	* *	5	$16,800	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$101,100	
Metal Rail	50%			2039	* *	5-10	$110,600	
Metal Security Bars	10%			2041	* *			
Roof								
Built-Up (BUR)	97%			2031	* *	10	$86,400	
Copper/Terne	3%			2054	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,600	
Mosaic Tile	3%			2039	* *	5	$10,100	
Terrazzo	2%			LIFE	* *	5	$4,200	
Vinyl Tile	10%			2031	* *	3	$5,100	
Vinyl Tile	20%			2034	* *	3	$10,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor								
Vinyl Tile 9" X 9"	60%			2021	$893,100	3	$40,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,800	
Plaster	70%			LIFE	* *	5-10	$71,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,900	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$33,800	
Exposed Concrete	55%			LIFE	* *	5-10	$92,800	
Plaster	20%			LIFE	* *	5-10	$46,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$400	
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	20%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	10%			2048	* *	5	$200	
Molded Case Bkrs	75%			2025	$134,500	5	$1,700	
Wiring								
Thermoplastic	80%			2026	$204,400	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Sprinkler Room								
Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$80,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	3%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$60,900	10	$10,900	
Exit, Service	50%			2021	$12,200	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detector, Horns, Manual Pull Stations, And Alarm Bells , Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Equipment Replacement Is In Progress								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 - Q

Asset # : 1506

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Court Yard								
Explanation : Equipment Replacement Is In Progress,1 Temporary Steam Boiler Is Being Utilized								
Distribution								
Steam Piping/Pump	100%			2026	$630,400	4	$6,700	
Terminal Devices								
Air Handler	20%			2026	$97,400	1	$11,200	
Convector/Radiator	70%			2031	* *	1	$20,400	
Fan Coil Unit/Heat	10%			2026	$135,200	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$3,700	2021	$74,200	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,700	
Exhaust Fans								
Interior	60%			2026	$59,900	2	$1,700	
Roof	40%			2026	$28,700	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : 1 Temporary Electrical Unit Is Being Utilized								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$31,600	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 207 ANNEX - BK**		
Address	: **3874 FLATLANDS AVENUE @ HENDRICKSON ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K729**
Program / Asset #	: **BOE1059.000 / 14372**	**Yr Built/Renovated**	: **1926 / 2010**
Area Sq Ft	: **29,598**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7859** **Lot** : **47**	**BIN**	: **3345177**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$99,200	$58,900
Interior Architecture	$108,900	$108,900
Total	**$208,100**	**$167,900**
Importance Code A	$99,200	$58,900
Importance Code C	$108,900	$108,900
Total	**$208,100**	**$167,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,100	$3,700		
Interior Architecture	$50,400		$19,100	$5,000
Electrical	$1,200	$300	$400	$300
Mechanical	$16,900	$5,600	$6,000	$4,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$115,400**	**$13,600**	**$29,500**	**$13,500**
Importance Code A	$46,000	$6,700	$2,900	$2,900
Importance Code B	$45,300	$7,000	$26,600	$6,600
Importance Code C	$24,100			$3,900
Total	**$115,400**	**$13,600**	**$29,500**	**$13,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 ANNEX - BK

Asset # : 14372

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$117,800	
Masonry: Brick Cavity	10%			LIFE	* *	5	$14,700	
Masonry: Limestone	5%	Now	$40,200	LIFE	* *	5	$2,800	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Building Base								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Building Base								
Explanation : This Component Is Actually Bluestone								
Masonry: Limestone	5%			LIFE	* *	5	$5,500	
Windows								
Aluminum	100%			2042	* *	5	$10,200	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$28,700	
Metal Rail	10%			2043	* *	5-10	$9,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$27,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2043	* *	10	$2,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,700	
Ceramic Tile	5%			2035	* *	5	$2,200	
Quarry Tile	5%			2039	* *	5	$3,300	
Vinyl Tile	35%			2031	* *	3	$5,800	
Wood	50%			2041	* *	5	$41,500	
Interior Walls								
Ceramic Tile	10%			2035	* *	5	$7,800	
Gypsum Board	15%			LIFE	* *	5-10	$19,800	
Masonry: Brick	30%			LIFE	* *	10	$7,000	
Plaster	10%			LIFE	* *	5-10	$6,600	
Wood	35%			LIFE	* *	5	$217,900	
Ceilings								
AcousTileSusp.Lay-In	70%			2039	* *	5	$31,000	
Exposed Concrete	15%			LIFE	* *	5-10	$8,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$4,400	
Gypsum Board	10%			LIFE	* *	5-10	$15,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 ANNEX - BK

Asset # : 14372

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$100	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5		
Molded Case Bkrs	95%			2042	* *	5	$700	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$27,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$3,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 ANNEX - BK

Asset # : 14372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$9,200	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Outside								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$29,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Staff Room, Side Closet								
Explanation : (1) Steam Condensate Return, Dual Pump Unit								
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Original Cast Iron Radiators.								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	15%	Now	$2,000	2031	* *	2	$200	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Split Unit	15%			2031	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 3 Units, Cafeteria								
Window/Wall Unit	5%			2024	$3,000	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Data/communication Room, School Office								
Explanation : (2) Units								
No Component	65%							
Terminal Devices								
Fan Coil - Cooling	15%			2031	* *	1	$1,400	
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2031	* *	2	$3,100	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$13,100	
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 207 ANNEX - BK

Asset # : 14372

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	50%	Now	$1,200	2031	* *	2	$400	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Roof								
Wall Unit	20%			2031	* *	2	$200	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2024	$4,600	4	$200	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Closets Floor 1,2,3, Kitchen,								
Explanation : Kitchen (120 Gallons); Floors 1,2,3 (40 Gallons).Pressure Relief Valves Not Piped To Drain.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,100	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : East & West Exterior Walls; Vertical Leaders								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Severe, Area Affected : 40%								
Location : Toilet Rooms								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Toilet Rooms								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 208 - BK**		
Address	: **4801 AVENUE D BTWN: EAST 48 ST, EAST 49 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K208**
Program / Asset #	: **BOE0503.000 / 26**	**Yr Built/Renovated**	: **1927 / 2009**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4769** **Lot** : **25**	**BIN**	: **3105680**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$128,700	$136,100
Interior Architecture	$892,400	$418,600
Electrical	$196,200	$1,683,600
Mechanical		$696,800
Total	**$1,217,400**	**$2,935,000**
Importance Code A	$128,700	$173,100
Importance Code B	$1,010,500	$2,761,900
Importance Code C	$78,100	
Total	**$1,217,400**	**$2,935,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,000		$7,500	
Interior Architecture	$12,400		$4,000	$6,000
Electrical	$9,700	$800	$900	$1,500
Mechanical	$65,200	$14,100	$16,600	$13,500
Total	**$110,300**	**$14,800**	**$28,900**	**$21,000**
Importance Code A	$30,000	$7,000	$14,500	$7,000
Importance Code B	$73,400	$7,800	$14,500	$14,000
Importance Code C	$6,900			
Total	**$110,300**	**$14,800**	**$28,900**	**$21,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$122,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Windows								
Aluminum	100%			2042	* *	5	$24,000	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$79,100	
Metal Rail	5%			2039	* *	5-10	$12,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$17,100	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$74,900	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,300	
Quarry Tile	5%			2039	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$8,300	
Traffic Topping	25%			2026	$328,500	5	$33,100	
Vinyl Tile	10%			2026	$90,100	3	$5,300	
Vinyl Tile 9" X 9"	15%	Now	$175,000	2036	* *	3	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	30%	Now	$524,100	2041	* *	5	$29,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	5%			2066	* *	5	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$40,000	
Masonry: Brick	15%			LIFE	* *	10	$4,800	
Marble Panels	5%			LIFE	* *	10	$2,100	
Plaster	65%			LIFE	* *	5-10	$58,900	
Ceilings								
Exposed Concrete	50%			LIFE	* *	5-10	$65,800	
Plaster	50%			LIFE	* *	5-10	$90,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$117,300	5	$200	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	15%			2042	* *	5	$300	
Molded Case Bkrs	80%			2025	$107,600	5	$1,500	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	* *	5	$200	
Locally Mounted	60%			2024	$45,300	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	88%			2021	$691,900	10	$57,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2031	* *	10	$6,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library, Locker Room								
HID	1%			2026	$5,700	10		
Incandescent	1%			2021	$7,900	2		
Egress Lighting								
Emergency, Battery	50%			2021	$47,700	10	$8,500	
Exit, Service	40%			2021	$7,600	1		
Exit, Service	10%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$260,600	10	$200	
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$62,600	1	$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensor								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$214,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Horns, Manual Pull Stations, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$70,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$24,700	2036	* *	4	$3,500	
Broken, Extent : Severe, Area Affected : 10%								
Location : One Vacuum Pump Motor								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Various Thermostats								
Steam Traps Faulty, Extent : Severe, Area Affected : 10%								
Location : Various Areas								
Terminal Devices								
Air Handler	30%	Now	$5,700	2026	$114,500	1	$11,800	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Pneumatic Controls Air Leaks, Throughout								
Convector/Radiator	70%			2024	$468,000	1	$16,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 208 - BK

Asset # : 26

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2026	$36,000	1	$4,900	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	20%			2021	$29,100	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	65%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2036	* *	4	$500	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2026	$15,800	1	$6,600	
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2026	$7,400	2	$7,400	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%			2026	$78,200	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$16,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up To 1st Floor On 48th St. Side								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$16,500	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 209 - BK**				
Address	: **AVE. Z & EAST 7TH ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K209**
Program / Asset #	: **BOE0504.000 / 27**			**Yr Built/Renovated**	: **1930 / 2003**
Area Sq Ft	: **66,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **7244**	**Lot**	: **1**	**BIN**	: **3196224**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$188,200	$366,100
Interior Architecture	$184,000	$358,200
Electrical	$443,400	$887,400
Mechanical	$73,000	$379,000
Total	**$888,600**	**$1,990,700**
Importance Code A	$188,200	$366,100
Importance Code B	$659,700	$1,568,200
Importance Code C	$40,700	$56,300
Total	**$888,600**	**$1,990,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,100	$10,900	$12,000	
Interior Architecture	$30,200	$15,000		$3,800
Electrical	$18,700	$11,500	$2,300	$1,700
Mechanical	$22,100	$25,300	$15,900	$9,600
Total	**$85,100**	**$62,800**	**$30,200**	**$15,100**
Importance Code A	$20,800	$17,800	$18,700	$6,700
Importance Code B	$51,000	$43,500	$11,500	$8,400
Importance Code C	$13,300	$1,500		
Total	**$85,100**	**$62,800**	**$30,200**	**$15,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,100	
Copper/Terne	2%			2058	* *	10	$3,200	
Masonry: Brick	90%	Now	$188,200	LIFE	* *	5	$62,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 8/9 & Throughout								
Masonry: Granite	3%			LIFE	* *	5	$1,600	
Windows								
Aluminum	98%			2039	* *	5	$24,000	
Metal Louvers	2%	Now	$1,500	2032	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$1,600	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	2%			2058	* *	5	$1,000	
Masonry: Brick	90%	Now	$10,800	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%	0-2	$200	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2023	$249,300	10	$54,400	
Copper/Terne	5%			2058	* *	10	$7,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,200	
Ceramic Tile	3%			2038	* *	5	$3,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$3,900	2026	$39,300	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2028	* *	5	$7,600	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	15%			2033	* *	3	$5,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	25%	Now	$10,800	2023	$215,400	3	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%	Now	$2,200	2018	$43,100	3	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Wood	30%	Now	$100,300	2038	* *	5	$28,500	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2038	* *	5	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$11,300	2026	$56,300	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	Now	$40,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%			LIFE	* *	5	$23,000	
Plaster	5%	Now	$2,000	LIFE	* *	5	$1,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stair 8/9								
Ceilings								
AcousTileConcealSpLn	10%			2028	* *	5	$12,600	
Exposed Concrete	15%			LIFE	* *	5	$2,400	
Plaster	75%			LIFE	* *	5	$47,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	* *	5	$300	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	80%			2023	$99,100	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$6,700	2048	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	10%			2039	* *	5	$200	
Molded Case Bkrs	85%			2022	$114,400	5	$1,500	
Wiring								
Braided Cloth	90%	2-4	$156,500	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	30%			2021	$22,700	5	$100	
Locally Mounted	50%			2036	* *	5	$200	
Motor Control Center	20%			2036	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	15%			2028	* *	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	80%			2023	$601,600	10	$49,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	5%			2018	$37,600	2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Exit, Service	50%			2023	$9,100	1		
Exit, Battery	50%			2023	$31,200	10	$2,300	
Exterior Lighting								
HID	100%			2018	$249,300	10	$200	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$20,000	1	$2,500	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$16,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 7500 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,000	
Terminal Devices								
Air Handler	20%			2018	$73,000	1	$8,400	
Convector/Radiator	50%			2028	* *	1	$10,900	
Fan Coil Unit/Heat	30%	Now	$6,100	2023	$304,100	1	$5,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	$27,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BK

Asset # : 27

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$3,700	2023	$74,800	2	$1,700	
Broken, Extent : Moderate, Area Affected : 54%								
Location : Fan Room								
Noisy/Vibrating, Extent : Moderate, Area Affected : 5%								
Location : Fan Room								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$15,800	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 600 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,900	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement, Strom Drain								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Sump Pump								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Staff Restrooms								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 209 - BX**		
Address	: **317 EAST 183 STREET @ TIEBOUT AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X863**
Program / Asset #	: **BOE1020.000 / 503**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **22,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3146** **Lot** : **72**	**BIN**	: **2103868**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$311,000
Mechanical		$171,600
Total		**$482,500**
Importance Code B		$482,500
Total		**$482,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,700		$1,600	
Interior Architecture	$48,600		$17,400	$1,600
Electrical	$4,300	$1,500	$4,400	$1,500
Mechanical	$15,900	$19,400	$10,200	$11,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$114,300**	**$28,800**	**$41,500**	**$22,900**
Importance Code A	$39,900	$2,200	$3,900	$2,200
Importance Code B	$61,900	$26,600	$37,700	$19,900
Importance Code C	$12,500			$800
Total	**$114,300**	**$28,800**	**$41,500**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$40,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$4,100	
Windows								
Aluminum	100%			2042	* *	5	$4,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$14,300	
Metal Security Bars	10%			2054	* *			
Pre-Cast Concrete	5%	Now	$900	LIFE	* *	5	$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Coping Throughout								
Roof								
IRMA/Protected Membrane	95%			2031	* *	10	$17,000	
Metal Panel	5%			2039	* *	10	$1,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$14,900	
Ceramic Tile	5%			2035	* *	5	$1,700	
Quarry Tile	5%			2039	* *	5	$2,500	
Vinyl Tile	80%			2031	* *	3	$10,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$1,500	
Concrete Masonry Unit	60%			LIFE	* *	5	$14,400	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$5,300	
Ceilings								
AcousTileConcealSpLn	60%			2039	* *	5	$25,500	
AcousTileSusp.Lay-In	15%	0-2	$12,400	2039	* *	5	$2,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Struc: Steel	10%			LIFE	* *	10	$6,800	
Gypsum Board	10%			LIFE	* *	5-10	$11,700	
Metal Panel	5%			LIFE	* *	5	$4,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a For Emergency (ats)								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$100	
Molded Case Bkrs	90%			2034	* *	5	$500	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	40%			2031	* *	5	$100	
Motor Control Center	60%			2031	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$6,800	
Generators								
Diesel	100%			2029	* *	1	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : One 100 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$4,900	
Fuel Storage								
Day Tank	50%			2034	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 45 Gals								
Main Tank	50%			2041	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$20,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	60%			2034	* *	1		
Exit, Service	40%			2026	$2,500	1		
Exterior Lighting								
HID	100%			2026	$83,100	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2026	$227,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$22,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	80%			2034	* *	4	$1,300	
Steam Piping/Pump	20%			2046	* *	4	$300	
Terminal Devices								
Convector/Radiator	20%			2039	* *	1	$1,500	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	95%			2031	* *	1	$10,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Units In The Basement								
Ext Pkg Unit - Cooling	5%			2031	* *	2	$100	
Distribution								
Chilled Wtr Pipe/Pump	95%			2046	* *	4	$1,600	
No Component	5%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - BX

Asset # : 503

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$35,900	1	$2,800	
Fan Coil - Cool/Heat	80%			2036	* *	1	$5,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Heat Rejection								
Remote Air Cond	100%			2026	$135,600	2	$15,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,000	
Exhaust Fans								
Roof	100%			2026	$18,100	2	$700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2026	$5,300	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Water Heater Has Been Installed Recently. One Tank Of 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$11,400	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 209 - Q**		
Address	: **16-10 UTOPIA PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q209**
Program / Asset #	: **BOE0849.000 / 1507**	**Yr Built/Renovated**	: **1956 / 2009**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5734** **Lot** : **1**	**BIN**	: **4128717**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$78,400	$60,300
Interior Architecture	$964,000	
Electrical	$483,900	$1,159,600
Mechanical	$167,200	$1,513,000
Total	**$1,693,500**	**$2,732,900**
Importance Code A	$78,400	$439,800
Importance Code B	$1,615,100	$2,293,000
Total	**$1,693,500**	**$2,732,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,200	$32,900		
Interior Architecture	$10,900		$3,500	$41,700
Electrical	$37,300	$1,100	$1,300	$27,800
Mechanical	$18,400	$11,300	$16,900	$54,300
Total	**$79,800**	**$45,200**	**$21,600**	**$123,900**
Importance Code A	$20,900	$40,600	$7,700	$7,700
Importance Code B	$58,900	$4,600	$12,200	$116,100
Importance Code C			$1,800	
Total	**$79,800**	**$45,200**	**$21,600**	**$123,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	8%			LIFE	* *	5	$26,600	
Masonry: Brick Cavity	85%			LIFE	* *	5	$60,300	
Masonry: Limestone	5%			LIFE	* *	5	$2,700	
Granite Panels	2%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%			2047	* *	5	$26,400	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5	$11,200	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Rail	20%			2038	* *	5-10	$54,100	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$78,400	
Copper/Terne	5%			2053	* *	10	$10,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,500	
Ceramic Tile	3%			2034	* *	5	$3,500	
Terrazzo	2%			LIFE	* *	5	$1,800	
Vinyl Tile 9" X 9"	75%			2020	$964,000	3	$43,800	
Wood	10%			2040	* *	5	$21,900	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,500	
Concrete Masonry Unit	50%			LIFE	* *	5	$23,500	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$3,500	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$36,200	
AcousTileSusp.Lay-In	3%			2030	* *	5	$3,500	
Exposed Concrete	50%			LIFE	* *	5	$9,100	
Exposed Struc: Steel	2%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$14,500	
Plaster	10%			LIFE	* *	5	$7,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$26,900	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	30%	2-4	$40,400	2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	40%			2024	$53,800	5	$800	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Damaged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$848,700	10	$70,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 12 Lamps								
Incandescent	2%			2020	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$287,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Horns, Manual Pull Station, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$24,200	
Conversion Equipment								
Steam Boiler	100%			2023	$379,500	1	$77,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units - On Extended Life								
Distribution								
Steam Piping/Pump	100%			2025	$544,300	4	$5,800	
Terminal Devices								
Air Handler	20%			2020	$84,100	1	$9,600	
Convector/Radiator	80%			2023	$589,100	1	$20,100	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$40,100	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,500	
Exhaust Fans								
Interior	50%			2020	$43,100	2	$1,200	
Roof	50%			2020	$31,000	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%	0-2	$900	2030	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
HW Heat Exchanger								
Low Temp	100%			2025	$24,200	4	$11,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 209 - Q

Asset # : 1507

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 21 - BX**		
Address	: **715 EAST 225 STREET (NEAR WHITE PLAINS RD.)**		
Borough	: **BRONX**	**Agency's Number**	: **X021**
Program / Asset #	: **BOE0169.000 / 2695**	**Yr Built/Renovated**	: **1915 / 2012**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4839** **Lot** : **39**	**BIN**	: **2063435**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$172,300
Interior Architecture		$736,300
Electrical	$285,200	$1,610,500
Mechanical		$694,600
Total	**$285,200**	**$3,213,700**
Importance Code A		$209,300
Importance Code B	$285,200	$3,004,400
Total	**$285,200**	**$3,213,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$17,300
Interior Architecture	$3,200	$10,800	$21,300	
Electrical	$11,100	$2,600	$11,000	$2,500
Mechanical	$44,600	$12,200	$62,200	$13,000
Total	**$58,900**	**$25,600**	**$94,400**	**$32,800**
Importance Code A	$7,600	$7,600	$7,800	$25,000
Importance Code B	$49,800	$18,000	$86,600	$7,900
Importance Code C	$1,400			
Total	**$58,900**	**$25,600**	**$94,400**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$113,900	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : South Facade								
Masonry: Granite	5%			LIFE	* *	5	$4,600	
Masonry: Limestone	2%			LIFE	* *	5	$1,800	
Windows								
Aluminum	95%			2040	* *	5	$34,600	
Glass Block	5%			LIFE	* *	5	$1,100	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$11,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	30%			LIFE	* *	5	$5,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2034	* *	10	$58,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	3%			2064	* *	10	$4,500	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$17,700	
Ceramic Tile	3%			2027	* *	5	$3,500	
Quarry Tile	5%			2029	* *	5	$8,700	
Terrazzo	5%			LIFE	* *	5	$4,500	
Vinyl Tile	30%			2024	$294,500	3	$13,000	
Other Observation, Extent : Moderate, Area Affected : 65%								
Location : Throughout 1926 Wing								
Explanation : 9 X 9 Tiles								
Vinyl Tile	45%			2024	$441,800	3	$19,500	
Wood	5%			2039	* *	5	$10,800	
Interior Walls								
Ceramic Tile	2%			2027	* *	5	$2,900	
Marble Panels	3%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$30,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2029	* *	5	$23,100	
Exposed Concrete	40%			LIFE	* *	5	$7,200	
Metal Panel	5%			LIFE	* *	5	$7,200	
Plaster	35%			LIFE	* *	5	$25,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2024	$123,800	1		
Panelboards								
Molded Case Bkrs	50%			2023	$67,300	5	$1,000	
Molded Case Bkrs	50%			2032	* *	5	$1,000	
Wiring								
Braided Cloth	30%	0-2	$52,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	70%			2024	$121,700	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$831,200	10	$68,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2024	$17,100	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Light Fixtures								
Incandescent	1%			2019	$8,600	2		
Egress Lighting								
Emergency, Battery	50%			2024	$52,000	10	$9,300	
Exit, Service	50%			2024	$10,400	1		
Exterior Lighting								
HID	100%			2032	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$68,100	1	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$233,000	2034	* *	1-3	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment , Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$23,900	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$76,400	
Distribution								
Steam Piping/Pump	100%	Now	$26,900	2034	* *	4	$3,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%	Now	$6,200	2024	$124,800	1	$12,900	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Basement And 3rd Floor Fan Room								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Fan Room								
Convector/Radiator	70%			2022	$510,100	1	$17,400	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$31,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,000	
Exhaust Fans								
Interior	70%			2024	$59,700	2	$1,700	
Roof	30%			2024	$18,400	2	$700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 21 - BX

Asset # : 2695

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%	0-2	$1,200	2034	* *	4	$7,600	
Insul. Deteriorating, Extent : Light, Area Affected : 100%								
Location : Hot Water Tank In Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 211 - BX / I. S. 318 - BX**				
Address	: **1919 PROSPECT AVENUE @ELSMERE PL.**				
Borough	: **BRONX**			**Agency's Number**	: **X193**
Program / Asset #	: **BOE0311.000 / 371**			**Yr Built/Renovated**	: **1975 / 2012**
Area Sq Ft	: **175,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Mar-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,ph**				
Block	: **2951**	**Lot**	: **32**	**BIN**	: **2094582**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$47,400	$1,040,900
Interior Architecture	$374,600	$1,954,800
Electrical	$991,000	$1,254,800
Mechanical	$289,300	$868,800
Total	**$1,702,300**	**$5,119,200**
Importance Code A	$47,400	$1,070,300
Importance Code B	$1,580,000	$3,981,600
Importance Code C	$74,900	$67,300
Total	**$1,702,300**	**$5,119,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,000	$14,100		$11,800
Interior Architecture	$52,900	$10,400		$28,800
Electrical	$8,900	$87,700	$7,100	$6,900
Mechanical	$86,900	$60,600	$53,600	$32,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$153,700**	**$176,800**	**$64,600**	**$84,400**
Importance Code A	$19,400	$32,900	$18,400	$30,200
Importance Code B	$134,300	$143,900	$46,200	$54,100
Importance Code C				
Total	**$153,700**	**$176,800**	**$64,600**	**$84,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX / I. S. 318 - BX

Asset # : 371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$9,600	
Masonry: Brick	96%			LIFE	* *	5	$92,300	
Metal Panel	2%			2033	* *	5-10	$13,200	
Windows								
Aluminum	99%			2045	* *	5	$23,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Aluminum	1%	Now	$1,000	2045	* *	5	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Main Stairwell								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$12,100	
Metal Panel	10%			2033	* *	5	$5,500	
Metal Rail	5%			2028	* *	5-10	$12,800	
Roof								
IRMA/Protected Membrane	100%	0-2	$47,400	2023	$948,600			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Fourth Floor Corridor, Closet In Room 422 And 403 G								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,400	
Ceramic Tile	3%			2026	$161,700	5	$8,300	
Terrazzo	5%			LIFE	* *	5	$10,900	
Vinyl Tile	73%			2023	$1,725,800	3	$101,500	
Vinyl Tile	10%	0-2	$236,400	2033	* *	3	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Basement, Main Stairwell								
Wood	4%			2038	* *	5	$20,900	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$15,500	
Folding Partition	2%			2031	* *	5	$19,300	
Gypsum Board	5%			LIFE	* *	5	$11,600	
Plaster	58%			LIFE	* *	5	$67,300	
SGFT/Glazed Masonry	25%	4+	$74,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX / I. S. 318 - BX

Asset # : 371

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	0-2	$63,200	2028	* *	5	$34,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors, Classrooms, Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Corridors, Classrooms, Throughout								
Vandalism, Extent : Moderate, Area Affected : 15%								
Location : Corridors, Throughout								
Exposed Concrete	60%			LIFE	* *	5	$25,500	
Gypsum Board	4%			LIFE	* *	5	$13,600	
Gypsum Board	1%	Now	$27,500	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Closet In Room 422 And Room 403 G								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Closet In Rooms 422 And 403 G								
Plaster	10%			LIFE	* *	5	$17,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$29,400	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$244,400	5	$800	
Raceway								
Conduit	90%			2023	$260,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$200	
Fused Disc Sw	15%			2022	$38,100	5	$600	
Molded Case Bkrs	5%			2039	* *	5	$200	
Molded Case Bkrs	75%			2022	$190,600	5	$3,500	
Wiring								
Thermoplastic	90%			2023	$350,900	1		
Thermoplastic	10%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX / I. S. 318 - BX

Asset # : 371

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2021	$69,100	5	$700	
Motor Control Center	10%			2021	$72,200	5	$500	
Under Construction	30%							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Lighting								
Interior Lighting								
Fluorescent	96%			2028	* *	10	$163,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T8 Lamps								
HID	2%			2018	$29,700	10	$100	
Incandescent	2%			2018	$41,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$125,300	10	$22,400	
Exit, Service	50%			2018	$25,100	1		
Exterior Lighting								
HID	100%			2018	$660,900	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2033	* *	1-3	$75,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Switching Fuel Oil Project Is In Progress								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$184,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units - All Burners Have Been Scheduled For Replacement								
Distribution								
Steam Piping/Pump	100%	Now	$25,900	2033	* *	4	$9,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Condensate Tank In Boiler Room								
Terminal Devices								
Air Handler	30%			2023	$300,500	1	$34,500	
Convector/Radiator	70%			2028	* *	1	$42,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX / I. S. 318 - BX

Asset # : 371

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2023	$94,600	1	$12,900	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Penthouse								
Window/Wall Unit	65%			2018	$248,200	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2033	* *	4	$2,100	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2023	$176,400	1	$17,200	
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2023	$133,200	2	$19,400	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$103,600	
Exhaust Fans								
Interior	20%			2018	$41,100	2	$1,100	
Roof	80%	Now	$11,800	2023	$118,100	2	$3,600	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%	Now	$5,500	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main Connection Pipes, Basement								
Water Heater								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : New Installation Is In Progress								
HW Heat Exchanger								
Low Temp	100%	0-2	$1,200	2033	* *	4	$18,400	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Coil Connection								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,200	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : From The Roof To Basement Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 211 - BX / I. S. 318 - BX

Asset # : 371

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100% Location : C-4 Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$93,700	
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 212 - BK**		
Address	: **87 BAY 49 STREET BTWN: HARWAY AVE., CROPSEY AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K212**
Program / Asset #	: **BOE0507.000 / 1289**	**Yr Built/Renovated**	: **1925 / 2010**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **6917** **Lot** : **1**	**BIN**	: **3187407**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,249,800	$182,600
Interior Architecture	$1,538,800	$354,300
Electrical	$193,600	$1,450,000
Mechanical	$55,300	$512,200
Total	**$3,037,400**	**$2,498,900**
Importance Code A	$1,249,800	$219,600
Importance Code B	$1,395,200	$2,279,400
Importance Code C	$392,500	
Total	**$3,037,400**	**$2,498,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$95,400		$21,500	
Interior Architecture	$19,500		$11,900	$4,400
Electrical	$2,400	$800	$700	$1,000
Mechanical	$43,300	$12,200	$17,600	$11,300
Total	**$160,600**	**$12,900**	**$51,600**	**$16,800**
Importance Code A	$103,300	$7,800	$29,300	$7,800
Importance Code B	$39,600	$5,100	$22,300	$8,900
Importance Code C	$17,700			
Total	**$160,600**	**$12,900**	**$51,600**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$104,200	LIFE	* *	5	$57,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	35%	Now	$466,200	LIFE	* *	5	$51,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$147,200	
Masonry: Limestone	1%	Now	$32,200	LIFE	* *	5	$1,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$4,400	
Masonry: Marble	2%			LIFE	* *	5	$4,400	
Stucco Cement	5%	Now	$10,700	2031	* *	5	$9,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	30%	Now	$522,800	2051	* *	5	$6,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 20%								
Location : Throughout								
Aluminum	70%			2042	* *	5	$29,100	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$33,600	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5-10	$55,200	
Metal Rail	15%			2039	* *	5-10	$29,200	
Roof								
Built-Up (BUR)	95%	Now	$35,900	2031	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2039	* *	10	$3,800	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$68,900	2041	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Marble Panels	2%			LIFE	* *	5	$3,600	
Quarry Tile	5%			2039	* *	5	$8,900	
Vinyl Tile	30%	Now	$90,700	2026	$302,400	3	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	30%			2031	* *	3	$13,300	
Wood	30%	Now	$469,200	2041	* *	5	$33,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : Classrooms Throughout								
Interior Walls								
Cast in Place Concrete	10%	Now	$46,700	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Ceramic Tile	5%	Now	$203,700	2041	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$12,500	
Masonry: Brick	15%			LIFE	* *	10	$6,600	
Marble Panels	5%			LIFE	* *	10	$3,000	
Plaster	60%	Now	$142,100	LIFE	* *	5	$26,600	
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	$5,900	
Exposed Concrete	25%	Now	$190,700	LIFE	* *	5	$4,600	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$326,700	LIFE	* *	5	$51,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	7%			2025	$9,400	5	$100	
Fused Disc Sw	3%			2042	* *	5	$100	
Molded Case Bkrs	35%			2025	$47,100	5	$700	
Molded Case Bkrs	55%			2042	* *	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$400	
Locally Mounted	30%			2024	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	10%			2031	* *	10	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	75%			2021	$659,800	10	$54,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	15%			2021	$132,000	2	$300	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	70%			2031	* *	10	$200	
HID	30%			2021	$87,200	10	$100	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$46,600	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$159,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$55,300	2036	* *	4	$3,900	
Broken, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$85,400	1	$9,800	
Convector/Radiator	60%			2031	* *	1	$15,400	
Fan Coil Unit/Heat	20%			2026	$237,200	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	10%			2024	$102,000	2	$500	
Window/Wall Unit	20%			2021	$32,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - BK

Asset # : 1289

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$4,400	2026	$87,600	2	$1,900	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,400	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 400 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$2,200	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 2%								
Location : Roof Drain								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 212 - Q**				
Address	: **34-25 82ND STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q212**
Program / Asset #	: **BOE1014.000 / 13407**			**Yr Built/Renovated**	: **2000 /**
Area Sq Ft	: **79,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**				
Block	: **1443**	**Lot**	: **19**	**BIN**	: **4437128**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$50,800	$133,700
Interior Architecture		$121,100
Electrical	$71,000	$8,800
Mechanical		$157,800
Total	**$121,800**	**$421,300**
Importance Code A	$50,800	$133,700
Importance Code B	$71,000	$210,800
Importance Code C		$76,900
Total	**$121,800**	**$421,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,700		$1,500	$17,600
Interior Architecture	$71,800	$10,900		$11,300
Electrical	$9,600	$7,700	$18,600	$9,200
Mechanical	$27,600	$36,900	$41,100	$42,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$133,600**	**$63,500**	**$69,000**	**$88,200**
Importance Code A	$24,500	$7,800	$9,500	$25,400
Importance Code B	$109,100	$55,600	$59,600	$62,800
Importance Code C				
Total	**$133,600**	**$63,500**	**$69,000**	**$88,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$96,700	
Granite Panels	5%			LIFE	* *	5	$4,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$37,000	
Windows								
Aluminum	97%			2040	* *	5	$35,200	
Metal Louvers	3%			2033	* *	10	$6,800	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$11,400	
Metal Panel	5%			2044	* *	5	$2,900	
Metal Rail	10%			2037	* *	5-10	$27,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$50,800	
Copper/Terne	5%			2052	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$44,200	
Ceramic Tile	5%			2033	* *	5	$6,700	
Raised Access Floor	3%			2033	* *	5	$15,100	
Vinyl Tile	67%			2029	* *	3	$45,100	
Wood	10%			2052	* *	5	$25,200	
Interior Walls								
Concrete Masonry Unit	37%			LIFE	* *	5	$38,200	
Glass: Single Pane	3%			LIFE	* *	5	$5,800	
Gypsum Board	25%			LIFE	* *	5	$38,700	
Masonry: Brick	10%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$42,100	
AcousTileSusp.Lay-In	40%			2037	* *	5	$53,800	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$25,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 5000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$24,300	
Generators								
Diesel	100%			2033	* *	1	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Rated @ 350 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$17,600	
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$70,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	1%			2029	* *	10	$700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Fluorescent	1%			2024	$8,800	10	$700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, LED	50%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$15,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement Boiler Room								
Explanation : 2 Boilers And 2 Heat Exchangers In Penthouse For Hot Water Devices								
Distribution								
Hot Wtr Piping/Pump	30%			2040	* *	4	$1,200	
Steam Piping/Pump	70%			2044	* *	4	$2,700	
Terminal Devices								
Air Handler	20%			2029	* *	1	$9,800	
Convector/Radiator	60%			2037	* *	1	$15,300	
Fan Coil Unit/Heat	20%			2029	* *	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$36,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$3,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$48,900	
Heat Rejection								
Air Condenser Unit	100%			2024	$157,800	2	$55,000	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 212 - Q

Asset # : 13407

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,100	
Exhaust Fans								
Interior	80%			2029	* *	2	$1,900	
Roof	20%			2024	$12,600	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2029	* *	1	$2,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sc,C,1,2,3,4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$41,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$22,100	
Fire Pump								
Generic	100%			2033	* *	1	$14,800	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 213 - BK**				
Address	: **580 HEGEMAN AVE. BTWN: NEW JERSEY AVE., VERMONT**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K213**
Program / Asset #	: **BOE0508.000 / 2569**			**Yr Built/Renovated**	: **1939 / 2010**
Area Sq Ft	: **72,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Dec-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**				
Block	: **4324**	**Lot**	: **1**	**BIN**	: **3097334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$138,500	$138,100
Interior Architecture	$259,800	$505,800
Electrical	$285,700	$1,160,700
Mechanical	$51,600	$1,820,100
Total	**$735,500**	**$3,624,700**
Importance Code A	$138,500	$534,600
Importance Code B	$510,800	$3,090,100
Importance Code C	$86,200	
Total	**$735,500**	**$3,624,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,600			
Interior Architecture	$155,100		$13,700	$7,600
Electrical	$16,200	$5,000	$6,800	$5,700
Mechanical	$51,700	$10,300	$16,600	$10,300
Total	**$253,500**	**$15,300**	**$37,100**	**$23,500**
Importance Code A	$37,900	$7,300	$7,300	$7,300
Importance Code B	$122,000	$8,000	$29,800	$16,200
Importance Code C	$93,600			
Total	**$253,500**	**$15,300**	**$37,100**	**$23,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$127,700	
Masonry: Limestone	5%			LIFE	* *	5	$5,000	
Windows								
Aluminum	100%			2042	* *	5	$25,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$87,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$17,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2034	* *	10	$74,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%			2061	* *	10	$9,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$5,700	LIFE	* *	5	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Fan Room								
Ceramic Tile	5%	Now	$21,400	2035	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	Now	$12,800	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	50%			2021	$470,000	3	$27,600	
Vinyl Tile	20%			2034	* *	3	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	5%	Now	$47,000	2036	* *	3	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%	Now	$36,500	2041	* *	5	$5,200	
Dry Rot/Decay, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$30,700	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	10%	Now	$24,700	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$8,300	
Masonry: Brick	10%			LIFE	* *	10	$3,300	
Plaster	50%			LIFE	* *	5-10	$47,300	
SGFT/Glazed Masonry	20%	Now	$86,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%			2039	* *	5	$22,000	
Exposed Concrete	45%			LIFE	* *	5-10	$61,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,000	
Fiber Board	5%	Now	$3,600	2026	$35,900			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	25%	Now	$36,000	LIFE	* *	5	$17,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Kindergarten, Exit 3 And At Exit #1								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	0-2	$146,600	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	30%			2042	* *	5	$600	
Molded Case Bkrs	60%			2025	$80,700	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Water Main								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$22,200	
Generators								
Diesel	100%			2029	* *	1	$27,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 11.5 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$2,700	
Fuel Storage								
Main Tank	100%			2041	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$61,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	6%			2021	$49,200	2	$100	
LED	4%			2034	* *			
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$745,700			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$22,900	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : 15,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%			2024	$359,600	1	$73,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$51,600	2026	$515,700	4	$3,600	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Boiler Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement, C1 Room								
Explanation : Vacuum Pump Pit Fills With Water Which Is Removed By Sump Pump								
Terminal Devices								
Air Handler	20%			2021	$79,600	1	$9,100	
Convector/Radiator	60%			2024	$418,600	1	$14,300	
Fan Coil Unit/Heat	20%			2021	$221,200	1	$4,800	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2024	$15,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,200	
Exhaust Fans								
Interior	60%			2021	$49,000	2	$1,400	
Roof	40%			2021	$23,500	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2036	* *	1		
Galv Iron/Steel	80%	0-2	$8,800	2024	$176,500	1		
Corroded, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Heater								
Gas Fired	100%			2021	$17,200	2	$1,100	
HW Heat Exchanger								
Low Temp	100%	Now	$500	2026	$22,900	4	$7,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK

Asset # : 2569

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 213 - BK MINISCHOOL**
Address : **580 HEGEMAN AVENUE BTWN: NEW JERSEY AVE., VERMONT**
Borough : **BROOKLYN** | **Agency's Number** : **K893**
Program / Asset # : **BOE0508.010 / 1290** | **Yr Built/Renovated** : **1968 /**
Area Sq Ft : **10,620** | **Project Type** : **EDUCATION**
Date of Survey : **11-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4324** **Lot** : **1** | **BIN** : **3097334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$83,200
Interior Architecture		$130,600
Electrical		$155,300
Mechanical		$122,100
Total		**$491,300**
Importance Code A		$83,200
Importance Code B		$408,100
Total		**$491,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,000			
Interior Architecture	$9,100			$1,900
Electrical	$200			
Mechanical	$6,000	$1,700	$5,500	$1,700
Total	**$20,300**	**$1,700**	**$5,500**	**$3,600**
Importance Code A	$5,500	$500	$500	$500
Importance Code B	$8,600	$1,200	$5,000	$3,100
Importance Code C	$6,200			
Total	**$20,300**	**$1,700**	**$5,500**	**$3,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 213 - BK MINISCHOOL
Asset # : 1290

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2046	* *	5-10	$114,400	
Windows								
Aluminum	95%			2042	* *	5	$2,400	
Metal Louvers	5%	Now	$3,800	2041	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Metal, Corrugated	100%			2039	* *	1		
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$300	2035	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	95%	Now	$2,600	2021	$130,600	3	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$3,400	
Metal Panel	70%			LIFE	* *	10	$4,500	
Ceilings								
AcousTileSusp.Lay-In	100%			2046	* *	5	$15,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Mechanical Room								
Explanation : Two 100 Amps Main Disconnect Switch								
Raceway								
Conduit	80%			2026	$17,700	1		
Conduit	20%			2056	* *	1		
Panelboards								
Molded Case Bkrs	10%			2051	* *	5		
Molded Case Bkrs	90%			2051	* *	5	$300	
Wiring								
Thermoplastic	90%			2056	* *	1		
Thermoplastic	10%			2026	$2,400	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK MINISCHOOL

Asset # : 1290

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$9,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$1,300	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$110,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Furnace	100%			2026	$13,200	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Gas Furnace Units								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$36,700	1	$5,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room, 2 Small Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$17,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$85,500	1	$6,700	
Heat Rejection								
Not Accessible	100%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - BK MINISCHOOL

Asset # : 1290

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,900	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Covered Under A C Section								
Exhaust Fans								
Roof	100%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2025	$1,700	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Storage Room,1st Floor								
Explanation : About 60 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 213 - Q**		
Address	: **231-02 67 AVENUE BTWN: 231 ST., 232 ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q213**
Program / Asset #	: **BOE0851.000 / 166**	**Yr Built/Renovated**	: **1955 / 2014**
Area Sq Ft	: **73,410**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7677** **Lot** : **1**	**BIN**	: **4163698**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$132,700	$140,800
Interior Architecture	$61,200	$160,700
Electrical	$156,500	$991,400
Mechanical	$52,600	$668,600
Total	**$403,000**	**$1,961,500**
Importance Code A	$132,700	$507,400
Importance Code B	$270,300	$1,454,100
Total	**$403,000**	**$1,961,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,200			
Interior Architecture	$114,800		$9,200	$4,800
Electrical	$20,100	$900	$1,000	$1,600
Mechanical	$59,900	$14,200	$16,300	$10,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$226,900**	**$19,000**	**$30,400**	**$20,800**
Importance Code A	$35,700	$7,500	$7,500	$7,500
Importance Code B	$133,900	$11,600	$23,000	$11,700
Importance Code C	$57,400			$1,700
Total	**$226,900**	**$19,000**	**$30,400**	**$20,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$13,700	
Masonry: Brick Cavity	95%			LIFE	* *	5	$130,200	
Metal/Glass Curt Wall	3%			LIFE	* *	5	$7,700	
Windows								
Aluminum	95%			2042	* *	5	$24,200	
Glass Block	5%			LIFE	* *	5	$1,600	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$79,200	
Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout								
Metal Rail	15%			2046	* *	5-10	$39,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,100	
Roof								
Copper/Terne	3%			2066	* *	10	$6,000	
Modified Bitumen	95%			2036	* *	10	$75,700	
Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout								
Skylight, Metal/Glass	2%			2036	* *	10	$5,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$49,300	
Ceramic Tile	3%			2035	* *	5	$3,400	
Terrazzo	2%			LIFE	* *	5	$3,500	
Vinyl Tile	30%			2034	* *	3	$12,700	
Vinyl Tile	35%			2031	* *	3	$14,800	
Vinyl Tile 9" X 9"	10%			2021	$124,200	3	$5,600	
Wood	10%			2041	* *	5	$21,100	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$13,600	
Glazed Ceramic Panel	2%			LIFE	* *	10	$2,000	
Plaster	55%			LIFE	* *	5-10	$53,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,200	
Ceilings								
AcousTileConcealSpLn	25%			2031	* *	5	$35,000	
Exposed Concrete	50%			LIFE	* *	5-10	$70,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,200	
Fiber Board	5%			2026	$36,600			
Plaster	15%			LIFE	* *	5-10	$28,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Toggle Switch	2%	2-4	$2,700	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	8%			2048	* *	5	$200	
Molded Case Bkrs	85%			2025	$114,400	5	$1,600	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$400	
Locally Mounted	20%	2-4	$15,100	2046	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$65,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2026	$16,700	10	$1,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2021	$12,000	10		
Incandescent	1%			2021	$8,400	2		
Egress Lighting								
Emergency, Battery	50%			2026	$50,800	10	$9,100	
Exit, Service	50%			2026	$10,200	1		
Exterior Lighting								
HID	100%			2026	$277,200	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$66,600	1	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$228,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$23,300	
Conversion Equipment								
Steam Boiler	100%	Now	$7,300	2024	$366,600	1	$67,100	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Broken, Extent : Severe, Area Affected : 2%								
Location : Motor Of Damper Of #2 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$52,600	2036	* *	4	$3,700	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Piping, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas								
Terminal Devices								
Air Handler	10%			2021	$40,600	1	$4,700	
Convector/Radiator	70%	Now	$24,900	2031	* *	1	$15,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Fan Coil Unit/Heat	20%			2021	$225,500	1	$4,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$15,500	1		
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 213 - Q

Asset # : 166

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,500	
Exhaust Fans								
Interior	40%			2026	$33,300	2	$900	
Roof	60%			2021	$35,900	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$23,400	4	$11,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$1,100	2026	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : 1 Out Or 2 Motors Is Burnt Out, Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 214 - BK**		
Address	: **2944 PITKIN AVE. BTWN: FORBELL ST., DREW ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K214**
Program / Asset #	: **BOE0509.000 / 2572**	**Yr Built/Renovated**	: **1925 / 2014**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **4243** **Lot** : **1**	**BIN**	: **3095254**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$401,000	$209,500
Interior Architecture	$560,200	$102,100
Electrical	$147,800	$1,285,800
Mechanical	$41,100	$943,200
Total	**$1,150,200**	**$2,540,700**
Importance Code A	$401,000	$235,400
Importance Code B	$510,800	$2,269,800
Importance Code C	$238,400	$35,400
Total	**$1,150,200**	**$2,540,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,400		$17,000	
Interior Architecture	$92,600			$11,100
Electrical	$2,100	$600	$800	$1,400
Mechanical	$65,800	$11,800	$17,600	$14,900
Total	**$204,900**	**$12,400**	**$35,400**	**$27,500**
Importance Code A	$52,300	$7,800	$24,800	$7,800
Importance Code B	$122,500	$4,600	$10,500	$19,600
Importance Code C	$30,200			
Total	**$204,900**	**$12,400**	**$35,400**	**$27,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$41,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$108,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$221,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,400	
Masonry: Marble	2%			LIFE	* *	5	$4,200	
Metal Panel	5%			2046	* *	5-10	$47,600	
Windows								
Aluminum	85%			2034	* *	5	$33,900	
Wood	15%	Now	$168,100	2051	* *	5	$29,900	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Gymnasium Storage, Basement								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs And Gymnasium Storage								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$79,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$16,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2036	* *	10	$44,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *	10	$8,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,900	
Ceramic Tile	5%	Now	$45,900	2029	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Toilets Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Toilets								
Marble Panels	2%			LIFE	* *	5	$3,600	
Vinyl Tile	70%	2-4	$70,600	2031	* *	3	$31,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	5%	Now	$65,300	2036	* *	3	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	8%	4+	$15,600	2054	* *	5	$8,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$48,900	2035	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Toilets Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Toilets								
Masonry: Brick	15%			LIFE	* *	10	$6,600	
Marble Panels	2%	0-2	$23,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	0-2	$189,500	LIFE	* *	5	$35,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	0-2	$19,100	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	90%	2-4	$140,000	LIFE	* *	5	$66,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	15%			2042	* *	5	$300	
Molded Case Bkrs	75%			2025	$100,900	5	$1,500	
Wiring								
Braided Cloth	85%	2-4	$147,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2039	* *	5	$100	
Locally Mounted	80%			2024	$60,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$71,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$12,600	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$9,600	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$290,800	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only. Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	40%							
Generic, Analog	60%			2021	$478,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$11,100	2036	* *	4	$3,900	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	15%			2021	$64,100	1	$7,400	
Convector/Radiator	55%	Now	$41,100	2024	$411,500	1	$12,700	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Stream Traps Throughout								
Fan Coil Unit/Heat	30%			2021	$355,800	1	$7,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$3,300	2021	$32,600	1		
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Rooms: 414, 512 And 513								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - BK

Asset # : 2572

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	75%	Now	$13,100	2021	$65,700	2	$1,500	
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : Units Not Operated For 10 Years, Basement								
Roof	25%			2026	$15,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%	Now	$900	2021	$18,400	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Water Pump With Hot Water Heater								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,200	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$46,200	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 214 - Q**
Address : **31-15 140 STREET BTWN: 31 DR., 31 RD.**
Borough : **QUEENS**
Agency's Number : **Q214**
Program / Asset # : **BOE0852.000 / 1481**
Yr Built/Renovated : **1953 / 2011**
Area Sq Ft : **60,000**
Project Type : **EDUCATION**
Date of Survey : **13-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4413** **Lot** : **20**
BIN : **4100846**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$176,600	$337,700
Interior Architecture	$107,600	$558,100
Electrical	$357,200	$1,065,600
Mechanical		$873,600
Total	**$641,400**	**$2,834,900**
Importance Code A	$176,600	$637,300
Importance Code B	$464,800	$2,197,700
Total	**$641,400**	**$2,834,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000			
Interior Architecture	$115,000		$2,300	$8,600
Electrical	$22,100		$200	$200
Mechanical	$52,200	$11,600	$15,500	$8,600
Total	**$210,400**	**$11,600**	**$18,000**	**$17,400**
Importance Code A	$27,100	$6,100	$6,100	$6,100
Importance Code B	$113,400	$5,600	$11,900	$11,300
Importance Code C	$69,800			
Total	**$210,400**	**$11,600**	**$18,000**	**$17,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	97%			LIFE	* *	5	$108,700	
Masonry: Limestone	3%			LIFE	* *	5	$2,500	
Windows								
Aluminum	95%			2042	* *	5	$19,800	
Glass Block	5%			LIFE	* *	5	$1,300	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$76,900	
Masonry: Limestone	5%			LIFE	* *	5-10	$7,200	
Roof								
Built-Up (BUR)	95%	Now	$56,700	2026	$283,300			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roof Perimeter								
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Hallway								
Roll Roofing	5%			2022	$13,400	5	$5,400	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$60,500	
Ceramic Tile	5%			2035	* *	5	$4,600	
Terrazzo	5%			LIFE	* *	5	$7,200	
Vinyl Tile	20%			2031	* *	3	$6,900	
Vinyl Tile 9" X 9"	55%			2026	$558,100	3	$25,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$23,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,400	
Glazed Ceramic Panel	5%			LIFE	* *	10	$4,200	
Masonry: Brick	5%			LIFE	* *	10	$1,400	
Plaster	10%	Now	$7,400	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 2/3								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads 2/3								
Plaster	45%			LIFE	* *	5-10	$35,500	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$7,000	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$22,900	
AcousTile,Adhered	5%	4+	$42,500	2046	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Exposed Concrete	65%			LIFE	* *	5-10	$74,400	
Plaster	5%			LIFE	* *	5-10	$7,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$18,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400a Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	3%			2042	* *	5		
Fused Disc Sw	7%			2025	$7,300	5	$100	
Fused Knife Sw	10%	2-4	$10,500	2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	60%	2-4	$62,800	2051	* *	5	$400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	15%			2025	$15,700	5	$200	
Molded Case Bkrs	5%			2042	* *	5	$100	
Wiring								
Braided Cloth	85%	2-4	$147,800	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2026	$17,400	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$36,300	5	$300	
Locally Mounted	20%	2-4	$9,100	2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$54,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$1,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2034	* *	10		
Egress Lighting								
Emergency, Battery	40%			2034	* *	10	$5,900	
Emergency, Battery	10%			2021	$8,300	10	$1,500	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$226,600	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$621,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$19,100	
Conversion Equipment								
Steam Boiler	100%			2024	$299,600	1	$61,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$21,500	2026	$429,700	4	$3,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Condensate Vacuum Pumps, Boiler Room								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Condensate Vacuum Pumps, Boiler Room								
Terminal Devices								
Air Handler	25%	Now	$1,700	2026	$83,000	1	$8,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Coil For Auditorium, Basement Fan Room								
Convector/Radiator	75%			2031	* *	1	$14,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214 - Q

Asset # : 1481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2021	$12,700	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,300	
Exhaust Fans								
Interior	90%	Now	$1,200	2026	$61,200	2	$1,400	
Broken, Extent : Severe, Area Affected : 20%								
Location : Flexible Connections, Penthouse And Basement								
Roof	10%			2021	$4,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$14,300	2	$900	
HW Heat Exchanger								
Low Temp	100%			2026	$19,100	4	$9,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$21,600	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 214/I. S. 200 - BX (I. S. 167 - BX)**		
Address	: **1970 WEST FARMS ROAD @E. TREMONT AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X167**
Program / Asset #	: **BOE0301.000 / 1098**	**Yr Built/Renovated**	: **1973 / 2007**
Area Sq Ft	: **173,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3021** **Lot** : **38**	**BIN**	: **2094603**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$366,100	$298,700
Interior Architecture	$2,413,600	$638,200
Electrical	$99,100	$3,850,100
Mechanical	$145,100	$3,408,200
Total	**$3,023,900**	**$8,195,100**
Importance Code A	$410,800	$1,234,700
Importance Code B	$2,613,100	$6,584,200
Importance Code C		$376,200
Total	**$3,023,900**	**$8,195,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,100			$11,100
Interior Architecture		$19,600		$27,500
Electrical	$9,000	$45,800	$8,400	$6,800
Mechanical	$104,400	$95,800	$63,300	$67,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$127,400**	**$169,100**	**$79,600**	**$120,600**
Importance Code A	$6,100	$18,600	$18,200	$29,300
Importance Code B	$121,300	$150,500	$61,400	$91,400
Importance Code C				
Total	**$127,400**	**$169,100**	**$79,600**	**$120,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	$126,900	
Concrete Masonry Unit	65%	Now	$226,400	LIFE	* *	5	$34,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 362								
Metal Panel	5%	Now	$6,100	2033	* *	5	$7,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Windows								
Aluminum	100%			2045	* *	5	$22,200	
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$171,800	
Metal Rail	5%			2036	* *	5-10	$15,800	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$139,700	
Copper/Terne	5%			2051	* *	10	$18,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$60,100	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	3%			2026	$159,800	5	$8,200	
Terrazzo	2%			LIFE	* *	5	$4,300	
Vinyl Tile	80%	Now	$1,869,700	2033	* *	3	$82,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout Corridors								
Wood	5%			2038	* *	5	$25,800	
Interior Walls								
Ceramic Tile	3%			2026	$316,600	5	$11,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Girls Locker Room								
Glass: Single Pane	3%			LIFE	* *	5	$8,600	
Metal Panel	7%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$59,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 362								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%	2-4	$544,000	2043	* *	5	$42,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
AcousTileSusp.Lay-In	5%			2028	* *	5	$13,500	
Exposed Concrete	70%			LIFE	* *	5	$29,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 362								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$244,400	5	$700	
Raceway								
Conduit	100%			2023	$289,000	1		
Panelboards								
Fused Disc Sw	15%			2022	$38,100	5	$600	
Molded Case Bkrs	85%			2022	$216,000	5	$3,900	
Wiring								
Thermoplastic	100%			2023	$389,900	1		
Motor Controllers								
Locally Mounted	15%			2028	* *	5	$200	
Locally Mounted	85%			2021	$97,800	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2023	$1,591,100	10	$131,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T12 Lamps								
Fluorescent	20%			2031	* *	10	$33,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement,Hallways								
Explanation : T-8 Lamps								
HID	1%			2023	$14,700	10	$100	
Incandescent	1%			2018	$20,400	2		
Egress Lighting								
Emergency, Battery	40%			2018	$99,100	10	$17,700	
Exit, Service	60%			2023	$29,700	1		
Exterior Lighting								
HID	100%			2023	$653,400	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$157,000	1	$19,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2031	* *	1-3	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms And Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$452,300	5	$56,900	
Conversion Equipment								
Steam Boiler	100%	Now	$44,700	2021	$894,000	1	$163,700	
Not in Service, Extent : Severe, Area Affected : 60%								
Location : #3 Boiler Tubes, #2 Burner In Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 214/I. S. 200 - BX (I. S. 167 - BX)
Asset # : 1098

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	10%			2031	* *	4	$900	
Steam Piping/Pump	90%	Now	$57,700	2033	* *	4	$8,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Pumps								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : Live Steam Returns. Steam Traps Replaced 3 Years Ago								
Terminal Devices								
Air Handler	40%	Now	$7,900	2023	$396,100	1	$40,900	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Various Areas								
Explanation : Flexible Connections Are Broken								
Convector/Radiator	50%			2028	* *	1	$29,700	
Fan Coil Unit/Heat	10%			2023	$275,000	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	60%	Now	$29,700	2026	$297,000	1	$107,300	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : #1 Unit Is Not In Service, Basement A C Room								
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : Basement A C Room								
Window/Wall Unit	5%			2021	$18,900	1		
No Component	35%							
Distribution								
Chilled Wtr Pipe/Pump	60%			2033	* *	4	$8,100	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2023	$566,800	1	$68,100	
No Component	40%							
Heat Rejection								
Water Cool Tower	60%			2024	$205,600	2	$110,900	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$31,700	LIFE	* *	2-5	$102,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 3%								
Location : Near Ahu For Auditorium, Penthouse								
Exhaust Fans								
Interior	40%			2023	$81,200	2	$2,300	
Roof	60%			2023	$87,600	2	$3,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 214/I. S. 200 - BX (I. S. 167 - BX)

Asset # : 1098

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2033	* *	1		
Galv Iron/Steel	30%	0-2	$8,200	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main And Basement								
Water Heater								
Gas Fired	100%	Now	$4,300	2018	$42,700	2	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Motor Of The Chimney, Roof								
Sanitary Piping								
Cast Iron	100%	Now	$8,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Explanation : Water Backs Up In Boiler Room When It Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units. Control Board Of #2 Unit Is Malfunctioning								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2023	$107,200	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 215 - BK**		
Address	: **415 AVENUE S @E. 3RD ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K215**
Program / Asset #	: **BOE0510.000 / 1291**	**Yr Built/Renovated**	: **1925 / 2013**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **6681** **Lot** : **169**	**BIN**	: **3178584**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$519,000	$122,100
Interior Architecture	$927,800	$59,300
Electrical	$1,428,900	$344,700
Mechanical	$500,000	$536,400
Total	**$3,375,800**	**$1,062,500**
Importance Code A	$519,000	$140,600
Importance Code B	$2,785,700	$921,800
Importance Code C	$71,100	
Total	**$3,375,800**	**$1,062,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$78,900			$20,800
Interior Architecture	$71,400		$5,600	$11,900
Electrical	$1,900	$1,600	$3,500	$1,500
Mechanical	$46,300	$10,900	$36,200	$11,800
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$203,300**	**$17,500**	**$50,100**	**$50,800**
Importance Code A	$86,700	$7,800	$8,000	$28,600
Importance Code B	$83,500	$9,600	$42,100	$22,200
Importance Code C	$33,100			
Total	**$203,300**	**$17,500**	**$50,100**	**$50,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	3%			LIFE	* *	5	$4,400	
Masonry: Brick	80%	0-2	$355,200	LIFE	* *	5	$117,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 4th Floor, 5th Floor								
Masonry: Limestone	10%	2-4	$80,400	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Marble	5%	2-4	$42,200	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	2%	Now	$17,100	2029	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Windows								
Aluminum	100%			2040	* *	5	$41,600	
Parapets								
Masonry: Brick	50%	Now	$31,100	LIFE	* *	5	$5,400	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	0-2	$11,300	LIFE	* *	5	$1,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	40%			2037	* *	5-10	$33,400	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$41,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,000	
Ceramic Tile	5%			2027	* *	5	$5,900	
Marble Panels	5%	2-4	$21,500	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	20%	2-4	$201,600	2034	* *	3	$8,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	50%	2-4	$151,200	2019	$504,000	3	$22,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	10%			2029	* *	3	$5,900	
Wood	5%			2039	* *	5	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2027	* *	5	$7,400	
Gypsum Board	10%			LIFE	* *	5	$8,900	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%	2-4	$29,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%	Now	$71,100	LIFE	* *	5	$26,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	8%			2037	* *	5	$9,500	
Embossed Metal	2%			LIFE	* *	5	$1,100	
Exposed Concrete	10%	2-4	$7,600	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%			LIFE	* *	5	$59,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	10%			2034	* *	5		
Fused Disc Sw	85%			2024	$124,600	5	$300	
Molded Case Bkrs	5%			2034	* *	5	$100	
Raceway								
Conduit	15%			2054	* *	1		
Conduit	85%			2024	$105,300	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	80%			2049	* *	5	$1,600	
Molded Case Bkrs	10%			2032	* *	5	$200	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	20%			2054	* *	1		
Motor Controllers								
Locally Mounted	85%			2022	$64,200	5	$400	
Locally Mounted	15%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	70%			2019	$615,800	10	$50,800	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2034	* *	10	$14,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 5th Floor & Basement								
Explanation : T-8 Lamps								
Incandescent	10%			2019	$88,000	2	$200	
Egress Lighting								
Emergency, Battery	30%			2024	$32,000	10	$5,700	
Emergency, Battery	20%			2034	* *	10	$3,800	
Exit, Service	30%			2024	$6,400	1		
Exit, Service	20%			2034	* *	1		
Exterior Lighting								
HID	100%			2019	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$279,100	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$55,300	2034	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$85,400	1	$9,800	
Convector/Radiator	60%			2022	$448,900	1	$15,400	
Fan Coil Unit/Heat	20%			2019	$237,200	1	$5,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$122,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,200	
Exhaust Fans								
Interior	100%	0-2	$17,500	2024	$87,600	2	$1,900	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2034	* *	1		
Galv Iron/Steel	60%	0-2	$14,200	2029	* *	1		
Corroded, Extent : Light, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Basement								
Water Heater								
Gas Fired	100%			2019	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%	Now	$3,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement & 1st Floor Toilet								
Explanation : Water Backup								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - BK

Asset # : 1291

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1 - 5								
Explanation : 1 Newly Installed Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2024	$18,500	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 215 - Q**		
Address	: **535 BRIAR PLACE BTWN: BROOKHAVEN AVE., COLLIER A**		
Borough	: **QUEENS**	**Agency's Number**	: **Q215**
Program / Asset #	: **BOE0853.000 / 2528**	**Yr Built/Renovated**	: **1953 / 1997**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **15772** **Lot** : **31**	**BIN**	: **4301194**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$397,600	$69,700
Interior Architecture	$77,100	$100,500
Electrical	$372,100	$2,083,400
Mechanical	$38,500	$371,000
Total	**$885,200**	**$2,624,700**
Importance Code A	$436,000	$106,700
Importance Code B	$449,200	$2,517,900
Total	**$885,200**	**$2,624,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$60,000		$4,600	
Interior Architecture	$125,900	$4,400	$8,100	$7,400
Electrical	$24,400		$300	$600
Mechanical	$32,500	$14,900	$18,700	$12,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$246,800**	**$23,300**	**$35,700**	**$24,100**
Importance Code A	$60,000	$7,800	$12,400	$7,800
Importance Code B	$113,000	$15,500	$23,200	$13,300
Importance Code C	$73,800			$3,000
Total	**$246,800**	**$23,300**	**$35,700**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$129,400	
Masonry: Brick	7%	Now	$30,400	LIFE	* *	5	$5,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Masonry: Limestone	3%			LIFE	* *	5	$3,200	
Windows								
Aluminum	95%			2042	* *	5	$25,400	
Steel	5%	Now	$7,000	2034	* *	5	$8,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$93,500	
Masonry: Limestone	5%			LIFE	* *	5-10	$9,300	
Metal Security Bars	5%			2041	* *			
Roof								
Built-Up (BUR)	40%			2031	* *	10	$33,400	
Copper/Terne	5%			2041	* *	10	$10,400	
Metal Panel	3%			2039	* *	10	$4,600	
Modified Bitumen	52%	Now	$253,100	2036	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$51,700	
Ceramic Tile	5%			2035	* *	5	$5,900	
Quarry Tile	5%			2039	* *	5	$8,900	
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	25%			2031	* *	3	$11,100	
Vinyl Tile	30%			2036	* *	3	$13,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Various Classrooms								
Vinyl Tile	10%			2021	$100,500	3	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Offices And Cafeteria								
Explanation : 9x9 Tiles								
Wood	10%			2041	* *	5	$22,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$6,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,500	
Glazed Ceramic Panel	3%			LIFE	* *	10	$3,200	
Masonry: Brick	5%			LIFE	* *	10	$1,800	
Plaster	12%	Now	$22,900	LIFE	* *	5	$4,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Room 318								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Room 318								
Plaster	40%			LIFE	* *	5-10	$40,500	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,900	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$29,400	
Exposed Concrete	60%			LIFE	* *	5-10	$88,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs 5 And 6								
Metal Panel	5%			LIFE	* *	5	$14,700	
Plaster	10%			LIFE	* *	5-10	$20,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2026	$29,300	5	$100	
Fused Knife Sw	80%	2-4	$117,300	2056	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : On Extended Life								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment.								
Raceway								
Conduit	100%			2026	$123,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Fused Knife Sw	10%	2-4	$13,500	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	30%	2-4	$40,400	2051	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gym, Cafeteria And Basement								
Molded Case Bkrs	50%			2025	$67,300	5	$1,000	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2026	$17,400	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	80%			2021	$701,900	10	$58,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	20%			2021	$175,500	2	$400	
Egress Lighting								
Emergency, Battery	50%			2021	$53,300	10	$9,500	
Exit, Service	50%			2021	$10,700	1		
Exterior Lighting								
HID	100%			2021	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2021	$558,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$194,500	5	$24,500	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : 2 Tanks, 7500 Gals Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$38,500	2031	* *	1	$70,400	
Broken, Extent : Moderate, Area Affected : 33%								
Location : Basement, Two Of Three Boilers Needs Retubing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$5,800	
Terminal Devices								
Air Handler	30%	Now	$2,600	2026	$127,800	1	$13,200	
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Air Handlers, Basement								
Convector/Radiator	60%			2031	* *	1	$15,300	
Unit Heater-Stm/HW	10%			2031	* *	4	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	$48,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	60%			2034	* *	2	$1,500	
Roof	40%			2034	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2036	* *	1		
Galv Iron/Steel	70%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,400	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 600 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,200	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof Leader								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 215 - Q

Asset # : 2528

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2031	* *	1	$4,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-3 Fl							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 216 - BK**
Address : **350 AVENUE X BTWN: WEST ST., EAST 1 ST.**
Borough : **BROOKLYN**
Agency's Number : **K216**
Program / Asset # : **BOE0511.000 / 1292**
Yr Built/Renovated : **1925 / 2012**
Area Sq Ft : **79,000**
Project Type : **EDUCATION**
Date of Survey : **09-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **7196** **Lot** : **1**
BIN : **3195175**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$290,100	$429,000
Interior Architecture	$186,900	$149,000
Electrical	$277,000	$773,500
Mechanical	$126,900	$1,731,900
Total	**$880,900**	**$3,083,500**
Importance Code A	$290,100	$464,200
Importance Code B	$499,700	$2,619,300
Importance Code C	$91,100	
Total	**$880,900**	**$3,083,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,200		$17,900	
Interior Architecture	$41,000		$43,200	$1,500
Electrical	$10,200		$300	$1,000
Mechanical	$12,300	$14,200	$18,500	$11,600
Total	**$102,700**	**$14,200**	**$80,000**	**$14,100**
Importance Code A	$47,300	$8,000	$26,000	$8,000
Importance Code B	$39,100	$6,200	$51,700	$6,000
Importance Code C	$16,400		$2,300	
Total	**$102,700**	**$14,200**	**$80,000**	**$14,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	1%			2046	* *	10	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Greenhouse Addition								
Explanation : Shingles								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$118,000	
Fiberglass Panel	1%			2039	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Greenhouse Addition								
Explanation : Corrugated Panels								
Masonry: Brick	82%			LIFE	* *	5	$247,600	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : West St And Ave X Facades								
Explanation : Scaffolding Present								
Masonry: Marble	2%			LIFE	* *	5	$4,500	
Metal Panel	1%			2052	* *	5-10	$10,400	
Stucco Cement	8%			2039	* *	5	$30,200	
Windows								
Aluminum	100%			2042	* *	5	$42,700	
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Throughout 4th And 5th Fl Windows								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$15,700	
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$68,000	
Metal Panel	3%			2046	* *	5	$1,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,800	
Roof								
Modified Bitumen	100%	2-4	$49,300	2026	$246,300			
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$16,000	
Ceramic Tile	3%			2029	* *	5	$3,600	
Marble Panels	2%			LIFE	* *	5	$3,600	
Vinyl Tile	10%			2026	$103,400	3	$6,100	
Vinyl Tile	55%			2031	* *	3	$25,100	
Wood	27%			2029	* *	5	$61,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$4,500	
Gypsum Board	5%			LIFE	* *	5-10	$12,900	
Masonry: Brick	15%			LIFE	* *	10	$6,800	
Marble Panels	2%			LIFE	* *	10	$1,200	
Plaster	75%	Now	$91,100	LIFE	* *	5	$34,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Basement - Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Walls, 5th Floor Classrooms								
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$30,400	
AcousTileConcealSpLn	5%			2031	* *	5	$7,600	
Exposed Concrete	10%			LIFE	* *	5-10	$15,200	
Plaster	20%	Now	$63,900	LIFE	* *	5	$15,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 260, 108								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor Rooms From Roof								
Plaster	40%	2-4	$31,900	LIFE	* *	5	$30,400	
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : Basement								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$29,600	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	15%			2026	$5,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Fused Disc Sw	5%			2056	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Greenhouse Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For The Greenhouse								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	85%			2025	$114,400	5	$1,800	
Molded Case Bkrs	5%			2051	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$130,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2026	$34,800	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	95%			2024	$71,800	5	$500	
Locally Mounted	5%			2046	* *	5		
Ground								
Grounding Devices								
Generic	95%			LIFE	* *	5	$2,200	
Generic	5%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$67,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2036	* *	10	$2,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	* *	10	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Greenhouse Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	45%			2021	$49,300	10	$8,800	
Emergency, Battery	5%			2036	* *	10	$1,000	
Exit, Service	45%			2021	$9,900	1		
Exit, Service	5%			2036	* *	1		
Exterior Lighting								
Fluorescent	5%			2036	* *	10	$400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Greenhouse Building								
HID	95%			2021	$283,400	10	$200	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$400	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$80,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$56,700	2056	* *	4	$400	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Steam Traps								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Explanation : Vacuum Pump Leaking								
Steam Piping/Pump	80%			2026	$453,900	4	$4,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Steam Piping/Pump	10%			2046	* *	4	$600	
Terminal Devices								
Air Handler	30%			2021	$131,400	1	$15,100	
Not in Service, Extent : Severe, Area Affected : 75%								
Location : Basement Fan Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	40%			2024	$307,000	1	$10,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	30%			2021	$365,000	1	$7,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2034	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Greenhouse								
Explanation : 1 Packaged Rooftop Air Conditioning Unit With Gas Heat								
Window/Wall Unit	85%			2024	$142,000	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$70,100	LIFE	* *	2-5	$45,300	
Not in Service, Extent : Severe, Area Affected : 75%								
Location : Basement And Sixth Floor Fan Rooms, House Exhaust Fans								
Exhaust Fans								
Interior	100%			2021	$89,800	2	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room And Sixth Floor Penthouse								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$242,700	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$18,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
No Component	80%							
Generic	20%			2026	$1,500	1	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Unit Serves Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 216 - BK

Asset # : 1292

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$500	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 217 - BK**				
Address	: **1100 NEWKIRK AVE. @ CONEY ISLAND AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K217**	
Program / Asset #	: **BOE0512.000 / 1293**		**Yr Built/Renovated**	: **1925 / 2008**	
Area Sq Ft	: **113,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Jan-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **5232**	**Lot** : **1**	**BIN**	: **3121072**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,495,400	$597,400
Interior Architecture	$373,300	$103,300
Electrical		$590,500
Mechanical	$28,800	$968,200
Total	**$1,897,400**	**$2,259,400**
Importance Code A	$1,495,400	$597,400
Importance Code B	$311,300	$1,662,000
Importance Code C	$90,800	
Total	**$1,897,400**	**$2,259,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,600			
Interior Architecture	$68,900		$15,200	$2,600
Electrical	$12,900	$9,100	$12,100	$9,100
Mechanical	$65,700	$40,400	$43,300	$41,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$205,000**	**$54,400**	**$75,600**	**$58,000**
Importance Code A	$69,600	$11,500	$11,500	$11,500
Importance Code B	$84,500	$42,900	$64,100	$46,500
Importance Code C	$50,900			
Total	**$205,000**	**$54,400**	**$75,600**	**$58,000**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$168,700	
Masonry: Brick	20%	Now	$391,000	LIFE	* *	5	$43,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$259,100	
Masonry: Granite	5%			LIFE	* *	5	$16,200	
Masonry: Limestone	5%			LIFE	* *	5	$16,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$70,200	
Windows								
Wood	100%	Now	$685,200	2042	* *	5	$305,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Under Sills Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	$67,300	
Masonry: Brick	80%	Now	$73,000	LIFE	* *	5	$12,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : South Facade, 1925 Wing								
Pre-Cast Concrete	5%			LIFE	* *	5	$9,900	
Roof								
Built-Up (BUR)	20%	Now	$11,100	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Copper/Terne	25%	Now	$20,300	2054	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Mechanical Penthouse								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Eaves At Mechanical Penthouse								
IRMA/Protected Membrane	50%	Now	$48,200	2031	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Over Room 510								
Paver: Asphalt	5%			2035	* *	10	$4,500	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$4,500	LIFE	* *	5	$19,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2035	* *	5	$5,200	
Marble Panels	2%			LIFE	* *	5	$5,200	
Vinyl Tile	70%			2031	* *	3	$45,700	
Wood	20%	4+	$57,400	2041	* *	5	$32,600	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$34,700	
Masonry: Brick	10%			LIFE	* *	10	$6,500	
Marble Panels	5%	Now	$43,200	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	40%			LIFE	* *	5-10	$73,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$27,100	
Ceilings								
AcousTileConcealSpLn	60%			2039	* *	5	$130,500	
Metal Panel	5%			LIFE	* *	5	$21,700	
Plaster	35%	Now	$159,800	LIFE	* *	5	$38,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	60%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amp Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amp Main Disconnect For Fire Pump								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$500	
Raceway								
Conduit	100%			2036	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$300	
Molded Case Bkrs	90%			2034	* *	5	$2,700	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$34,800	
Generators								
Diesel	100%			2029	* *	1	$43,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Generator Room Basement							
	Explanation : One 250 Kw							
Batteries								
Lead/Acid	100%			2019	$1,500	5	$4,200	
Fuel Storage								
Main Tank	100%			2041	* *	5	$3,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : One 275 Gals							
Lighting								
Interior Lighting								
Fluorescent	93%			2031	* *	10	$99,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
HID	2%			2026	$18,600	10	$100	
Incandescent	5%			2021	$64,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2026	$15,700	1		
Exterior Lighting								
HID	100%			2026	$426,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$12,700	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	99%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Interruptible Gas/Dual Fuel	1%	Now	$1,200	2056	* *	1		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Defective Fuel Oil Pump								
Conversion Equipment								
Steam Boiler	99%			2031	* *	1	$114,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Dual Fuel Steam Boilers								
Steam Boiler	1%	Now	$5,700	2046	* *	1	$1,000	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Basement, 2 Of 2 Defective Breach Dampers								
Distribution								
Hot Wtr Piping/Pump	20%			2042	* *	4	$1,700	
Steam Piping/Pump	79%			2046	* *	4	$6,800	
Steam Piping/Pump	1%	Now	$8,100	2056	* *	4	$100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement, Rotted Out Steam Piping, Steam Leaks At Unions At All Air Handling								
Terminal Devices								
Air Handler	30%			2026	$188,000	1	$21,600	
Convector/Radiator	50%			2031	* *	1	$18,800	
Fan Coil Unit/Heat	20%			2026	$348,100	1	$7,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$78,900	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Machanical Equipment Room								
Explanation : R-22 Refrigerant								
Window/Wall Unit	20%			2021	$47,800	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2046	* *	4	$1,700	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$39,500	1	$14,400	
Fan Coil - Cool/Heat	20%			2026	$176,000	1	$7,500	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 217 - BK

Asset # : 1293

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	20%			2026	$18,600	2	$16,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$102,600	
Exhaust Fans								
Interior	70%			2026	$89,900	2	$2,500	
Roof	30%			2026	$27,700	2	$1,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$6,900	2039	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 50%								
Location : Basement, 2 Of 2 Defective Booster Pumps								
Water Heater								
Gas Fired	100%			2024	$27,000	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$58,600	
Sprinkler								
Generic	100%			2046	* *	1-2	$32,600	
Fire Pump								
Generic	100%			2035	* *	1	$21,700	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 219 - BK**
Address : **1060 CLARKSON AVE. BTWN: EAST 93 ST., EAST 94 ST.**
Borough : **BROOKLYN**
Agency's Number : **K219**
Program / Asset # : **BOE0514.000 / 2546**
Yr Built/Renovated : **1927 / 2011**
Area Sq Ft : **94,000**
Project Type : **EDUCATION**
Date of Survey : **14-Nov-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4648** **Lot** : **1**
BIN : **3101168**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$801,100	$93,800
Interior Architecture	$860,900	$489,500
Electrical	$127,800	$1,010,000
Mechanical	$67,300	$2,013,200
Total	**$1,857,100**	**$3,606,500**
Importance Code A	$801,100	$130,800
Importance Code B	$996,000	$3,475,800
Importance Code C	$59,900	
Total	**$1,857,100**	**$3,606,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,100		$3,000	
Interior Architecture	$61,700		$4,300	$11,200
Electrical	$3,000	$1,100	$1,300	$2,000
Mechanical	$91,600	$14,400	$21,300	$13,600
Total	**$169,400**	**$15,500**	**$30,000**	**$26,800**
Importance Code A	$22,700	$9,500	$12,500	$9,500
Importance Code B	$136,900	$5,900	$15,200	$17,200
Importance Code C	$9,900		$2,200	
Total	**$169,400**	**$15,500**	**$30,000**	**$26,800**

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$283,000	LIFE	* *	5	$93,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Along Basement Wall At Clarkson Avenue - East Facade								
Masonry: Limestone	5%			LIFE	* *	5	$7,400	
Windows								
Aluminum	100%	Now	$292,100	2042	* *	5	$17,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	65%			LIFE	* *	5-10	$65,900	
Metal Rail	30%			2039	* *	5-10	$80,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,300	
Roof								
IRMA/Protected Membrane	93%	Now	$121,000	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Rooms 407, 411								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 407, 411,Gymnasium								
Metal Panel	2%			2039	* *	10	$3,000	
Modified Bitumen	5%	Now	$4,800	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$126,300	
Ceramic Tile	3%			2039	* *	5	$4,300	
Terrazzo	5%			LIFE	* *	5	$11,300	
Vinyl Tile	30%			2026	$368,100	3	$21,600	
Vinyl Tile 9" X 9"	32%	Now	$508,700	2036	* *	3	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	10%	Now	$142,800	2041	* *	5	$13,500	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2039	* *	5	$4,400	
Masonry: Brick	20%			LIFE	* *	10	$8,700	
Marble Panels	2%			LIFE	* *	10	$1,200	
Plaster	75%			LIFE	* *	5-10	$92,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2031	* *	5	$21,500	
Exposed Concrete	20%			LIFE	* *	5-10	$35,800	
Plaster	10%	Now	$9,400	LIFE	* *	5	$9,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead #6, Throughout Stairs Rooms 407, 411								
Plaster	55%			LIFE	* *	5-10	$135,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$85,500	5	$200	
Fused Disc Sw	50%			2046	* *	5	$200	
Raceway								
Conduit	75%			2026	$129,500	1		
Conduit	25%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	75%			2025	$134,500	5	$1,900	
Molded Case Bkrs	20%			2042	* *	5	$500	
Wiring								
Braided Cloth	50%	2-4	$127,800	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	25%			2026	$63,900	1		
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2031	* *	5	$200	
Locally Mounted	70%			2024	$52,900	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$86,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$65,000	10	$11,600	
Exit, Service	50%			2026	$13,000	1		
Exterior Lighting								
HID	100%			2021	$355,000	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$95,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$67,300	2026	$673,300	4	$4,800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : And Leaking, Vacuum Pump In Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$5,200	2021	$104,000	1	$10,700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 2 Motors Burnt Out, Basement Fan Room								
Convector/Radiator	70%	Now	$31,900	2024	$637,600	1	$19,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Explanation : Missing Covers And Adjustment Valves, Heating Device Needed For 93rd Street Entrance								
Fan Coil Unit/Heat	10%	Now	$2,900	2021	$144,400	1	$2,800	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	$59,500	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,100	
Exhaust Fans								
Interior	100%	Now	$10,700	2021	$106,600	2	$2,400	
Not in Service, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$288,000	1		
Water Heater								
Gas Fired	100%			2024	$22,400	2	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : With Old Storage Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 15%								
Location : Staff Rest Rooms								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - BK

Asset # : 2546

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$33,800	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 219 - Q**		
Address	: **144-39 GRAVETT ROAD @ MAIN ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q219**
Program / Asset #	: **BOE0856.000 / 1484**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **96,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6507** **Lot** : **1**	**BIN**	: **4448708**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$550,800	$241,800
Interior Architecture	$820,500	$64,500
Electrical	$1,970,800	$749,300
Mechanical		$164,800
Total	**$3,342,100**	**$1,220,400**
Importance Code A	$550,800	$278,800
Importance Code B	$2,791,300	$941,600
Total	**$3,342,100**	**$1,220,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,100			$11,700
Interior Architecture	$4,600	$8,300	$5,200	$11,900
Electrical	$10,000	$1,500	$2,100	$39,500
Mechanical	$37,200	$17,200	$34,300	$63,800
Total	**$82,000**	**$27,100**	**$41,600**	**$126,900**
Importance Code A	$54,100	$9,800	$9,800	$21,700
Importance Code B	$27,900	$17,300	$31,800	$105,200
Importance Code C				
Total	**$82,000**	**$27,100**	**$41,600**	**$126,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$19,000	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Under Entrace Canopy								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Under Entrance Canopy								
Masonry: Brick Cavity	60%			LIFE	* *	5	$20,200	
Metal/Glass Curt Wall	25%			LIFE	* *	5	$15,800	
Window Wall	5%			2045	* *	5	$6,300	
Windows								
Aluminum	100%			2047	* *	5	$22,200	
Parapets								
Metal Rail	90%			2038	* *	5-10	$615,600	
Metal Security Bars	5%			2040	* *			
Metal: Cage/Fence	5%			2030	* *	5-10	$14,700	
Roof								
Built-Up (BUR)	85%			2030	* *	10	$177,100	
Modified Bitumen	15%			2033	* *	10	$31,300	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$64,500	
Ceramic Tile	7%			2034	* *	5	$10,300	
Terrazzo	3%			LIFE	* *	5	$3,500	
Vinyl Tile	45%			2030	* *	3	$24,900	
Vinyl Tile 9" X 9"	25%			2020	$405,900	3	$18,400	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$11,900	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	10%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$11,100	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$14,600	
AcousTileSusp.Lay-In	35%	0-2	$414,500	2045	* *	5	$25,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
Exposed Concrete	15%			LIFE	* *	5	$3,400	
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,200	
Plaster	10%			LIFE	* *	5	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2033	* *	5	$300	
Molded Case Bkrs	75%			2024	$134,500	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	86%			2020	$940,700	10	$77,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2025	$109,400	10	$9,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Lobby								
HID	2%			2020	$15,700	10	$100	
Incandescent	2%			2020	$21,900	2		
Egress Lighting								
Emergency, Battery	50%			2025	$66,400	10	$11,900	
Exit, Service	50%			2025	$13,300	1		
Exterior Lighting								
HID	100%			2020	$362,600	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$87,100	1	$10,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	0-2	$298,300	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Bells And Manual Pull Stations; Obsolete Equipment								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$30,500	
Conversion Equipment								
Steam Boiler	100%	Now	$24,000	2030	* *	1	$87,800	
Cracked, Extent : Severe, Area Affected : 25%								
Location : #1 Boiler								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : #1 Burner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units For Main Building, 1 Unit For Annex								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,900	
Terminal Devices								
Air Handler	30%			2030	* *	1	$18,300	
Convector/Radiator	70%			2030	* *	1	$22,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2025	$66,800	1	$9,100	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Annex Basement								
Window/Wall Unit	10%			2020	$20,200	1		
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	* *	1	$12,200	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 219 - Q

Asset # : 1484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	20%			2025	$11,800	2	$13,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,900	
Exhaust Fans								
Interior	50%			2030	* *	2	$1,500	
Roof	50%	0-2	$3,900	2025	$39,100	2	$1,200	
Damaged, Extent : Moderate, Area Affected : 60%								
Location : Exhaust Fans Covers, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2023	$58,800	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 220 - Q**
Address : **62-10 108 STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0857.000 / 193**
Area Sq Ft : **64,000**
Date of Survey : **16-Nov-2011**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **2143** **Lot** : **1**

Agency's Number : **Q220**
Yr Built/Renovated : **1956 / 2011**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4051290**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$119,400	$330,400
Interior Architecture	$292,400	$650,000
Electrical	$1,325,100	$254,300
Mechanical		$1,531,100
Total	**$1,736,900**	**$2,765,800**
Importance Code A	$119,400	$650,000
Importance Code B	$1,617,500	$2,033,800
Importance Code C		$81,900
Total	**$1,736,900**	**$2,765,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,300		
Interior Architecture	$6,400	$11,300		$6,400
Electrical	$8,300	$23,000	$1,300	$1,100
Mechanical	$53,800	$22,100	$22,200	$12,700
Total	**$68,500**	**$70,700**	**$23,500**	**$20,200**
Importance Code A	$16,000	$21,000	$6,500	$6,500
Importance Code B	$52,500	$49,800	$17,000	$13,700
Importance Code C				
Total	**$68,500**	**$70,700**	**$23,500**	**$20,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$11,800	
Fiberglass Panel	5%			2026	$17,300	5	$8,900	
Masonry: Brick	25%			LIFE	* *	5	$11,800	
Metal/Glass Curt Wall	60%			LIFE	* *	5	$53,200	
Window Wall	5%			2043	* *	5	$8,900	
Windows								
Aluminum	100%			2048	* *	5	$19,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2043	* *	5-10	$304,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2033	* *	10	$92,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2026	$57,100	5	$2,900	
Terrazzo	5%			LIFE	* *	5	$3,800	
Vinyl Tile	52%			2023	$434,500	3	$25,500	
Vinyl Tile	35%			2018	$292,400	3	$12,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$9,200	
Interior Walls								
Ceramic Tile	3%			2026	$81,900	5	$3,000	
Concrete Masonry Unit	25%			LIFE	* *	5	$9,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	67%			LIFE	* *	5	$19,900	
Ceilings								
AcousTileSusp.Lay-In	5%			2028	* *	5	$4,900	
Exposed Concrete	60%			LIFE	* *	5	$9,200	
Exposed Struc: Steel	3%			LIFE	* *			
Fiber Board	12%			2023	$76,500			
Plaster	20%			LIFE	* *	5	$12,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$20,200	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2048	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	50%			2022	$67,300	5	$800	
Molded Case Bkrs	30%			2039	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	92%			2018	$670,900	10	$55,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$15,700	10	$100	
Incandescent	5%			2018	$36,500	2	$100	
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	20%			2028	* *	1		
Exit, Service	30%			2018	$5,300	1		
Exterior Lighting								
HID	100%			2018	$241,700	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$198,900	1-3	$11,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$161,700	5	$20,300	
Conversion Equipment								
Steam Boiler	100%	Now	$16,000	2021	$319,600	1	$58,500	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Both Burners - Very Frequently								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,900	2023	$458,400	4	$3,200	
Leak Evident, Extent : Severe, Area Affected : 25%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$70,800	1	$8,100	
Convector/Radiator	80%			2028	* *	1	$17,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2023	$89,100	1	$12,200	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : A C Room								
Ext Pkg Unit - Heating/Cooling	40%			2023	$173,200	2	$1,600	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : Roof								
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2023	$89,200	1	$16,200	
No Component	60%							
Heat Rejection								
Remote Air Cond	40%			2023	$125,500	2	$18,300	
No Component	60%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 220 - Q

Asset # : 193

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$36,600	
Exhaust Fans								
Interior	60%			2023	$43,500	2	$1,200	
Roof	40%			2023	$20,900	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$9,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : The Connection Joint In Boiler Room								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 221 - BK**		
Address	: **791 EMPIRE BLVD @ TROY AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K221**
Program / Asset #	: **BOE0516.000 / 1295**	**Yr Built/Renovated**	: **1940 / 2009**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Sep-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1423** **Lot** : **14**	**BIN**	: **3038372**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$232,500	$121,900
Interior Architecture	$1,031,300	$185,400
Electrical	$257,400	$699,400
Mechanical	$247,500	$1,468,700
Total	**$1,768,700**	**$2,475,400**
Importance Code A	$232,500	$513,500
Importance Code B	$1,487,700	$1,961,900
Importance Code C	$48,400	
Total	**$1,768,700**	**$2,475,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$67,400	$2,700		$8,200
Electrical	$10,100	$800	$700	$1,100
Mechanical	$20,000	$10,000	$16,200	$33,200
Total	**$97,500**	**$13,500**	**$16,900**	**$42,400**
Importance Code A	$7,200	$7,200	$7,200	$7,400
Importance Code B	$40,400	$6,300	$9,700	$35,100
Importance Code C	$49,900			
Total	**$97,500**	**$13,500**	**$16,900**	**$42,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$63,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	15%	2-4	$122,200	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	80%			2041	* *	5	$21,100	
Aluminum	20%	Now	$110,300	2041	* *	5	$2,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria / Kitchen								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,100	
Masonry: Limestone	7%			LIFE	* *	5	$1,000	
Metal Security Bars	3%			2040	* *			
Roof								
Built-Up (BUR)	95%			2035	* *	10	$58,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	5%			2051	* *	10	$10,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,800	
Ceramic Tile	5%			2028	* *	5	$5,500	
Terrazzo	5%			LIFE	* *	5	$4,300	
Vinyl Tile	20%	2-4	$55,600	2025	$185,400	3	$8,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile 9" X 9"	40%	2-4	$144,100	2020	$480,300	3	$16,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	20%	Now	$215,700	2040	* *	5	$20,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$34,700	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	2-4	$15,100	2034	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	4+	$48,400	LIFE	* *	5	$18,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	0-2	$17,500	2030	* *	5	$6,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%	4+	$87,100	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$27,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2024	$20,200	5	$200	
Molded Case Bkrs	10%			2024	$13,500	5	$200	
Molded Case Bkrs	75%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	90%			2025	$156,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$66,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$49,100	10	$8,800	
Exit, Service	50%			2025	$9,800	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$43,000	1	$5,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$257,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2045	* *	5	$22,600	
Conversion Equipment								
Steam Boiler	100%			2023	$354,600	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2025	$508,500	4	$5,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK

Asset # : 1295

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2020	$78,500	1	$9,000	
Convector/Radiator	70%			2023	$481,600	1	$16,500	
Fan Coil Unit/Heat	10%			2020	$109,100	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$3,000	2020	$59,900	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Multiple Locations Throughout								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,600	
Exhaust Fans								
Interior	100%	Now	$4,000	2025	$80,500	2	$1,800	
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$43,500	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,100	2025	$22,600	4	$7,200	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Coil Connection								
Explanation : Rusted And Leaking								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$25,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 221 - BK MINISCHOOL**				
Address	: **791 EMPIRE BLVD @ TROY AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K892**
Program / Asset #	: **BOE0516.010 / 1296**			**Yr Built/Renovated**	: **1970 / 2001**
Area Sq Ft	: **9,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Sep-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **1423**	**Lot**	: **14**	**BIN**	: **3038372**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$63,200	
Electrical		$45,300
Total	**$63,200**	**$45,300**
Importance Code A	$63,200	
Importance Code B		$45,300
Total	**$63,200**	**$45,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,700			
Interior Architecture	$38,400			$1,600
Electrical	$100	$100	$200	$67,800
Mechanical	$600	$1,900	$1,300	$500
Total	**$57,800**	**$2,000**	**$1,500**	**$69,900**
Importance Code A	$19,100	$500	$500	$500
Importance Code B	$28,600	$1,500	$1,100	$69,400
Importance Code C	$10,100			
Total	**$57,800**	**$2,000**	**$1,500**	**$69,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 221 - BK MINISCHOOL
Asset # : 1296

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$8,000	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : South Facade - Foundation								
Metal Panel	95%	Now	$9,600	2045	* *	5	$25,100	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Windows								
Aluminum	100%			2047	* *	5	$2,200	
Roof								
Metal Panel	100%	Now	$63,200	2042	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Interior								
Floors								
Ceramic Tile	5%	Now	$1,300	2034	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Vestibule(s)								
Vinyl Tile	95%	Now	$5,500	2030	* *	3	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Classroom(s), Corridor(s)								
Explanation : 9x9 Tile								
Interior Walls								
Concrete Masonry Unit	35%	2-4	$4,700	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%	2-4	$5,400	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Room 2, Janitor Closet								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$21,500	2030	* *	5	$6,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 221 - BK MINISCHOOL
Asset # : 1296

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Service Switches No Available Ratings								
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2024	$22,400	5	$200	
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2035	* *	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,100	
Exit, Service	50%			2025	$1,200	1		
Exterior Lighting								
HID	100%			2020	$34,000	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$5,400	1	$700	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$32,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2033	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - BK MINISCHOOL

Asset # : 1296

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2029	* *	2	$600	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Exhaust Fans								
Interior	90%			2033	* *	2	$300	
Roof	10%			2025	$700	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Electric	100%			2018	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 221 - Q**		
Address	: **57-40 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q221**
Program / Asset #	: **BOE0858.000 / 1485**	**Yr Built/Renovated**	: **1958 / 2007**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8276** **Lot** : **620**	**BIN**	: **4171759**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$108,600	$40,900
Interior Architecture	$825,100	
Electrical	$772,000	$608,300
Mechanical		$224,300
Total	**$1,705,700**	**$873,400**
Importance Code A	$108,600	$77,900
Importance Code B	$1,597,100	$795,500
Total	**$1,705,700**	**$873,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$14,100	$12,200
Interior Architecture	$6,000	$3,700	$41,900	
Electrical	$1,200	$3,100	$21,700	$2,700
Mechanical	$11,900	$13,700	$99,800	$11,700
Total	**$19,100**	**$20,500**	**$177,500**	**$26,600**
Importance Code A	$8,000	$8,000	$22,300	$20,200
Importance Code B	$11,000	$10,600	$155,200	$6,300
Importance Code C		$1,800		
Total	**$19,100**	**$20,500**	**$177,500**	**$26,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$40,900	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$32,900	
Windows								
Aluminum	100%			2040	* *	5	$24,400	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$12,500	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Metal/Glass Curt Wall	30%			2044	* *	5	$24,100	
Metal Panel	5%			2044	* *	5	$4,000	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$108,600	
Copper/Terne	5%			2052	* *	10	$14,300	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$18,600	
Ceramic Tile	3%			2033	* *	5	$3,600	
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	80%			2019	$825,100	3	$36,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	5%			2039	* *	5	$11,400	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$3,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Plaster	62%			LIFE	* *	5	$22,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	40%			2029	* *	5	$48,200	
AcousTile,Adhered	10%			2037	* *	5	$12,000	
Exposed Concrete	30%			LIFE	* *	5	$5,600	
Plaster	20%			LIFE	* *	5	$15,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 - Main Service Protectors Rated @ 800 Amperes Each								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$146,600	5	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2050	* *	1		
Panelboards								
Molded Case Bkrs	90%			2023	$121,100	5	$1,900	
Molded Case Bkrs	10%			2046	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$72,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Incandescent	2%			2019	$18,000	2		
Egress Lighting								
Emergency, Battery	40%			2024	$43,700	10	$7,800	
Exit, Service	60%			2024	$13,100	1		
Exterior Lighting								
HID	100%			2019	$298,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$71,700	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$245,500	2034	* *	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 221 - Q

Asset # : 1485

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$25,100	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$80,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,000	
Terminal Devices								
Air Handler	30%			2024	$131,100	1	$15,000	
Convector/Radiator	70%			2029	* *	1	$18,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$25,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,200	
Exhaust Fans								
Interior	50%			2024	$44,800	2	$1,200	
Roof	50%			2019	$32,200	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$48,400	1		
Water Heater								
Gas Fired	100%			2023	$18,900	2	$1,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Obsolete Units Remain								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$28,400	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 222 - BK**		
Address	: **3301 QUENTIN ROAD @E. 33 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K222**
Program / Asset #	: **BOE0517.000 / 1297**	**Yr Built/Renovated**	: **1929 / 2000**
Area Sq Ft	: **94,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **12-Mar-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **7706** **Lot** : **1**	**BIN**	: **3212254**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$35,500	$122,500
Interior Architecture	$64,100	$62,700
Electrical	$1,485,500	$535,500
Mechanical		$802,300
Total	**$1,585,100**	**$1,522,900**
Importance Code A	$35,500	$141,000
Importance Code B	$1,485,500	$1,382,000
Importance Code C	$64,100	
Total	**$1,585,100**	**$1,522,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$17,400	
Interior Architecture	$88,200	$23,000	$6,300	$1,800
Electrical	$35,900	$50,100	$2,100	$1,600
Mechanical	$39,800	$36,000	$24,500	$13,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$167,900**	**$113,100**	**$54,300**	**$20,900**
Importance Code A	$9,500	$9,800	$27,000	$9,500
Importance Code B	$112,300	$103,300	$27,400	$11,300
Importance Code C	$46,000			
Total	**$167,900**	**$113,100**	**$54,300**	**$20,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$38,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,100	
Masonry: Brick	85%			LIFE	* *	5	$83,900	
Masonry: Granite	5%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%			2039	* *	5	$34,800	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$17,200	
Masonry: Brick	15%			LIFE	* *	5	$2,200	
Masonry: Brick	70%			LIFE	* *	5	$10,400	
Roof								
Built-Up (BUR)	95%	0-2	$35,500	2028	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$31,600	
Ceramic Tile	5%			2032	* *	5	$7,200	
Quarry Tile	5%			2036	* *	5	$10,800	
Terrazzo	5%			LIFE	* *	5	$5,600	
Vinyl Tile	15%			2033	* *	3	$8,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	10%	Now	$12,300	2028	* *	3	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	35%			2028	* *	3	$18,900	
Wood	15%			2038	* *	5	$40,600	
Interior Walls								
Masonry: Brick	15%	Now	$17,000	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Marble Panels	5%	Now	$29,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	Now	$64,100	LIFE	* *	5	$24,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East 34th Street Side, Class Rooms On Second Floor								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2036	* *	5	$21,500	
Exposed Concrete	15%			LIFE	* *	5	$3,400	
Plaster	70%	Now	$26,300	LIFE	* *	5	$62,700	
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Basement Stair Corridor								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$153,900	5	$400	
Fused Disc Sw	10%			2033	* *	5		
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	25%	2-4	$44,800	2048	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	5%	2-4	$9,000	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	5%			2031	* *	5	$100	
Molded Case Bkrs	50%			2022	$89,700	5	$1,200	
Wiring								
Braided Cloth	85%	2-4	$217,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2028	* *	5	$100	
Locally Mounted	40%			2021	$30,200	5	$300	
Locally Mounted	20%	2-4	$15,100	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Motor Control Center	30%			2021	$87,800	5	$800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	30%			2028	* *	10	$26,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	67%			2018	$717,600	10	$59,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2018	$23,100	10	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$65,000	10	$11,600	
Exit, Service	50%			2018	$13,000	1		
Exterior Lighting								
HID	100%			2018	$355,000	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$17,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	2%	Now	$2,000	2053	* *	1		
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement, 1 Of 2 Defective Oil Pump								
Interruptible Gas/Dual Fuel	98%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 7,500 Gallon Oil Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$95,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	1%	Now	$1,300	2043	* *	4		
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement, Ruptured High Pressure Hose From Condensate Tank To Condesate Pump Discharge								
Steam Piping/Pump	99%			2043	* *	4	$4,700	
Terminal Devices								
Air Handler	20%			2023	$104,000	1	$11,900	
Convector/Radiator	50%			2028	* *	1	$15,600	
Fan Coil Unit/Heat	30%			2023	$433,100	1	$9,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	3%	0-2	$5,900	2023	$5,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical Defects								
Window/Wall Unit	77%			2021	$152,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	2%	Now	$16,600	LIFE	* *	2-5	$1,100	
Damaged, Extent : Light, Area Affected : 25%								
Location : Basement Fan Room 2 Of 8 Deteriorating Flexible Connections								
Ductwork/Diffusers	98%			LIFE	* *	2-5	$52,700	
Exhaust Fans								
Interior	100%			2023	$106,600	2	$3,000	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - BK

Asset # : 1297

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2018	$22,400	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 222 - Q**				
Address	: **86-15 37TH AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q222**
Program / Asset #	: **BOE1028.000 / 13470**			**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **45,800**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Dec-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,ph**				
Block	: **1460**	**Lot**	: **34**	**BIN**	: **4035854**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$213,400	$186,300
Interior Architecture	$97,600	$52,400
Electrical		$42,000
Total	**$311,000**	**$280,800**
Importance Code A	$213,400	$186,300
Importance Code B	$52,400	$94,400
Importance Code C	$45,200	
Total	**$311,000**	**$280,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,800	$12,200	$8,000	
Interior Architecture	$136,900	$5,200	$20,900	
Electrical	$12,200	$3,700	$4,900	$3,700
Mechanical	$37,100	$17,800	$25,700	$14,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$198,900**	**$46,800**	**$67,300**	**$26,400**
Importance Code A	$9,300	$16,700	$12,500	$4,500
Importance Code B	$150,600	$30,100	$51,300	$21,800
Importance Code C	$39,000		$3,400	
Total	**$198,900**	**$46,800**	**$67,300**	**$26,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$208,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$75,400	
Windows								
Aluminum	95%			2048	* *	5	$24,300	
Metal Louvers	5%			2039	* *	10	$8,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Penthouse								
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$83,600	
Metal Security Bars	15%			2061	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	60%			2031	* *	10	$44,300	
Copper/Terne	5%			2061	* *	10	$9,200	
Modified Bitumen	35%			2034	* *	10	$25,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Gymnasium								
Explanation : Covered With Rubber Pads								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$61,200	
Ceramic Tile	5%			2039	* *	5	$7,000	
Quarry Tile	5%			2043	* *	5	$10,500	
Vinyl Tile	80%			2031	* *	3	$41,900	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$6,800	
Concrete Masonry Unit	40%			LIFE	* *	5	$43,800	
Gypsum Board	30%			LIFE	* *	5-10	$69,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,100	
Ceilings								
AcousTileSusp.Lay-In	75%			2039	* *	5	$104,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 406								
Exposed Struc: Steel	10%			LIFE	* *	10	$28,000	
Gypsum Board	10%			LIFE	* *	5-10	$48,100	
Metal Panel	5%			LIFE	* *	5	$17,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$14,100	
Generators								
Diesel	100%			2035	* *	1	$17,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Diesel Generator Rated @ 205 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$10,200	
Fuel Storage								
Day Tank	50%			2042	* *	5	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 130 Gallons Capacity								
Main Tank	50%			2054	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$41,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2031	* *	10	$800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Lobby								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Kitchen And Basement								
Explanation : Smoke Detectors, Manual Pull Stations, Horns, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 5000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$45,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$3,400	
Terminal Devices								
Air Handler	60%			2031	* *	1	$17,000	
Convector/Radiator	40%			2039	* *	1	$5,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 222 - Q

Asset # : 13470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$21,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5th Floor Fan Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$3,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$28,300	
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$31,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,400	
Exhaust Fans								
Interior	80%	Now	$2,000	2031	* *	2	$900	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Induct Unit, 5th Floor Fan Room								
Roof	20%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$10,700	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Thru 4th Floor								
Explanation : 2- Traction Elevators								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$23,100	
Sprinkler								
Generic	100%			2046	* *	1-2	$12,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 222 - Q
Asset # : 13470

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 223 - Q**		
Address	: **125-20 SUTPHIN BLVD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q223**
Program / Asset #	: **BOE0966.000 / 1183**	**Yr Built/Renovated**	: **1974 / 1998**
Area Sq Ft	: **102,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **12051** **Lot** : **20**	**BIN**	: **4440628**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$820,500	$668,600
Interior Architecture	$366,000	
Electrical	$507,300	$1,376,800
Mechanical		$296,100
Total	**$1,693,800**	**$2,341,400**
Importance Code A	$820,500	$710,600
Importance Code B	$873,300	$1,630,800
Total	**$1,693,800**	**$2,341,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,600	$30,100		
Interior Architecture	$3,900	$7,400	$14,800	
Electrical	$4,700	$53,800	$2,900	$3,400
Mechanical	$124,500	$50,000	$47,000	$19,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$139,700**	**$145,200**	**$68,700**	**$27,300**
Importance Code A	$28,200	$40,700	$10,400	$10,400
Importance Code B	$111,500	$104,500	$58,200	$16,800
Importance Code C				
Total	**$139,700**	**$145,200**	**$68,700**	**$27,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$69,800	
Metal Panel	3%			2043	* *	5-10	$18,000	
Pre-Cast Concrete	17%			LIFE	* *	5	$48,200	
Windows								
Aluminum	100%	Now	$820,500	2048	* *	5	$9,800	
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 2								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$12,100	
Metal Rail	10%			2028	* *	5-10	$25,800	
Pre-Cast Concrete	5%	Now	$2,600	LIFE	* *	5	$4,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	95%			2023	$452,000	10	$98,700	
Metal Panel	5%			2028	* *	10	$9,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,500	
Ceramic Tile	5%			2032	* *	5	$7,900	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	75%			2028	* *	3	$44,300	
Wood	5%			2038	* *	5	$14,800	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,800	
Folding Partition	3%			2031	* *	5	$10,500	
Gypsum Board	5%			LIFE	* *	5	$4,200	
Metal Panel	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,900	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$366,000	2043	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Corridors								
AcousTileConcealSpLn	15%			2036	* *	5	$29,500	
Exposed Concrete	50%			LIFE	* *	5	$12,300	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$4,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$175,900	5	$400	
Fused Disc Sw	10%			2043	* *	5		
Raceway								
Conduit	95%			2023	$198,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	85%			2022	$152,500	5	$2,300	
Wiring								
Thermoplastic	95%			2023	$283,500	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$700	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe, Point Of Contact Not Visible, Covered With Insulation								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$93,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2018	$8,400	10		
Incandescent	2%			2018	$23,400	2		
Egress Lighting								
Emergency, Battery	20%			2018	$28,400	10	$5,100	
Emergency, Battery	30%			2028	* *	10	$7,600	
Exit, Service	20%			2018	$5,700	1		
Exit, Service	30%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$385,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$92,600	1	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$316,900	1-3	$19,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Boiler Room, Gymnasium And Auditorium								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$32,600	
Conversion Equipment								
Steam Boiler	100%	Now	$25,600	2028	* *	1	$93,800	
Broken, Extent : Severe, Area Affected : 50%								
Location : The Burner Of #1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,700	2033	* *	4	$5,200	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2028	* *	1	$19,500	
Convector/Radiator	60%			2028	* *	1	$20,400	
Fan Coil Unit/Heat	10%	Now	$31,500	2023	$157,600	1	$3,100	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2023	$71,500	1	$9,800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement Fan Room								
Explanation : 2 Units								
Window/Wall Unit	10%	Now	$21,600	2023	$21,600	1		
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2033	* *	4	$1,600	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2028	* *	1	$13,000	
No Component	80%							
Heat Rejection								
Remote Air Cond	100%			2031	* *	2	$73,300	
Recent Replace Evident, Extent : Light, Area Affected : 20%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,700	
Exhaust Fans								
Interior	20%			2023	$23,300	2	$600	
Roof	80%			2023	$67,000	2	$2,600	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 223 - Q

Asset # : 1183

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$53,100	
Sprinkler								
No Component	55%							
Generic	45%			2033	* *	1-2	$13,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 224 - BK**
Address : **755 WORTMAN AVE. BTWN: CRESCENT ST., HEMLOCK ST**
Borough : **BROOKLYN**
Agency's Number : **K224**
Program / Asset # : **BOE0519.000 / 2548**
Yr Built/Renovated : **1930 / 2010**
Area Sq Ft : **125,975**
Project Type : **EDUCATION**
Date of Survey : **13-Nov-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4529** **Lot** : **133** **BIN** : **3346166**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$203,900	$225,900
Interior Architecture	$984,600	$102,800
Electrical	$74,600	$321,800
Mechanical	$92,500	$627,800
Total	**$1,355,700**	**$1,278,300**
Importance Code A	$265,200	$225,900
Importance Code B	$1,041,500	$1,052,400
Importance Code C	$48,900	
Total	**$1,355,700**	**$1,278,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,000			
Interior Architecture	$104,100		$49,400	$31,300
Electrical	$40,400	$9,700	$12,100	$10,000
Mechanical	$66,800	$29,700	$45,700	$37,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$257,200**	**$43,400**	**$111,100**	**$82,500**
Importance Code A	$42,000	$12,500	$12,500	$12,500
Importance Code B	$166,800	$30,900	$98,600	$55,200
Importance Code C	$48,500			$14,800
Total	**$257,200**	**$43,400**	**$111,100**	**$82,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$141,900	
Masonry: Brick	25%			LIFE	* *	5	$50,700	
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Windows								
Aluminum	65%			2042	* *	5	$23,400	
Wood	35%	0-2	$35,400	2042	* *	5	$63,100	
Broken/Missing Elements, Extent : Light, Area Affected : 20% Location : Throughout								
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5-10	$24,200	
Masonry: Brick	70%			LIFE	* *	5-10	$84,600	
Masonry: Limestone	2%			LIFE	* *	5-10	$4,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$6,700	
Roof								
Built-Up (BUR)	25%			2031	* *	10	$27,700	
Copper/Terne	5%			2054	* *	10	$13,900	
IRMA/Protected Membrane	60%			2031	* *	10	$66,500	
Modified Bitumen	10%			2031	* *	10	$11,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$82,500	
Ceramic Tile	5%			2035	* *	5	$9,400	
Terrazzo	3%			LIFE	* *	5	$8,800	
Vinyl Tile	27%			2031	* *	3	$19,100	
Vinyl Tile	50%	0-2	$801,600	2036	* *	3	$35,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout								
Wood	5%			2054	* *	5	$17,700	
Interior Walls								
Ceramic Tile	15%			2035	* *	5	$29,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$23,700	
Gypsum Board	10%			LIFE	* *	5-10	$33,600	
Plaster	25%			LIFE	* *	5-10	$42,000	
Plaster	20%			LIFE	* *	5-10	$33,600	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$14,800	
Ceilings								
AcousTileConcealSpLn	5%			2039	* *	5	$11,800	
AcousTileSusp.Lay-In	30%			2039	* *	5	$56,600	
Exposed Concrete	20%			LIFE	* *	5-10	$47,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$18,900	
Fiber Board	5%			2026	$61,600			
Gypsum Board	5%			LIFE	* *	5-10	$32,400	
Metal Panel	5%			LIFE	* *	5	$23,600	
Plaster	25%			LIFE	* *	5-10	$81,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$500	
Raceway								
Conduit	60%			2026	$125,200	1		
Conduit	40%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	75%			2042	* *	5	$2,500	
Molded Case Bkrs	20%			2025	$44,800	5	$700	
Wiring								
Braided Cloth	25%	2-4	$74,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Section Of The Building								
Thermoplastic	75%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2024	$11,500	5	$100	
Locally Mounted	10%			2039	* *	5	$100	
Motor Control Center	80%			2039	* *	5	$2,700	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main - Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$38,800	
Generators								
Diesel	100%			2035	* *	1	$48,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$28,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2042	* *	5	$11,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2054	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	3%			2031	* *	10	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Cfl Lamps								
Fluorescent	92%			2031	* *	10	$106,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$100	
Incandescent	3%			2021	$42,000	2	$100	
Egress Lighting								
Exit, Service	100%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only. Motion Sensors In The Hallways								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$61,300	2031	* *	1	$112,300	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Oil Leak From Boiler #2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units - Boiler #1 Obsolete Non Functioning Furnace Unit Is On The Roof								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,200	
Terminal Devices								
Air Handler	40%			2031	* *	1	$31,200	
Convector/Radiator	40%			2031	* *	1	$16,300	
Fan Coil Unit/Heat	20%	Now	$18,900	2026	$377,300	1	$7,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2026	$106,900	1	$14,600	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	40%			2021	$103,600	1		
No Component	35%							
Distribution								
Chilled Wtr Pipe/Pump	25%			2036	* *	4	$1,600	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2031	* *	1	$19,500	
No Component	75%							
Heat Rejection								
Air Condenser Unit	25%			2031	* *	2	$21,900	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$111,200	
Exhaust Fans								
Interior	60%			2031	* *	2	$2,300	
Roof	40%	Now	$8,000	2026	$40,100	2	$1,200	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : 90% Motors Not Working On Roof Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$29,300	2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 224 - BK

Asset # : 2548

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,500	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Boiler Room								
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : 1 Of 2 Unit's Motor Is Not Working.								
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$63,500	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,800	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 225 - BK**		
Address	: **1075 OCEAN VIEW AVENUE BTWN: BRIGHTON 12 ST., BRIGHTON**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K225**
Program / Asset #	: **BOE0520.000 / 1299**	**Yr Built/Renovated**	: **1928 / 2005**
Area Sq Ft	: **125,075**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **8712** **Lot** : **56**	**BIN**	: **3245498**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,091,300	$162,900
Interior Architecture	$357,000	$447,700
Electrical		$1,228,000
Mechanical	$210,200	$796,300
Total	**$1,658,500**	**$2,634,900**
Importance Code A	$1,091,300	$162,900
Importance Code B	$481,900	$2,472,000
Importance Code C	$85,300	
Total	**$1,658,500**	**$2,634,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,900			
Interior Architecture	$47,200		$14,900	$2,400
Electrical	$19,600	$2,200	$1,400	$2,600
Mechanical	$81,700	$19,000	$30,200	$18,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$162,400**	**$25,200**	**$50,500**	**$27,400**
Importance Code A	$22,800	$12,700	$12,700	$12,700
Importance Code B	$102,300	$12,500	$34,900	$14,700
Importance Code C	$37,300		$2,900	
Total	**$162,400**	**$25,200**	**$50,500**	**$27,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$102,600	
Masonry: Brick	85%	Now	$336,900	LIFE	* *	5	$111,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Granite	10%			LIFE	* *	5	$19,700	
Windows								
Aluminum	100%	Now	$388,600	2042	* *	5	$23,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$61,600	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Coping								
Explanation : Netting In Place								
Masonry: Brick	90%			LIFE	* *	5-10	$121,400	
Roof								
Built-Up (BUR)	100%	Now	$149,200	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Fourth Floor Corridor, Room 419								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$126,000	
Ceramic Tile	5%			2029	* *	5	$9,600	
Terrazzo	5%			LIFE	* *	5	$15,000	
Vinyl Tile	10%			2026	$163,300	3	$9,600	
Vinyl Tile	30%			2031	* *	3	$21,600	
Wood	35%			2041	* *	5	$126,000	
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$5,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$23,200	
Marble Panels	2%			LIFE	* *	10	$1,500	
Plaster	55%	Now	$85,300	LIFE	* *	5	$31,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Stairs 9/10 And Book Storage Room Between 3rd & 4th Floors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Stairs 9/10 And Book Storage Room Between 3rd & 4th Floors								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$24,200	
Ceilings								
Exposed Concrete	20%			LIFE	* *	5-10	$47,700	
Plaster	80%			LIFE	* *	5-10	$262,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 419, 4th Floor Corridor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200a & One 2000a Main Disconnect Switch								
Fused Disc Sw	10%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	80%			2026	$166,900	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Disc Sw	10%			2025	$22,400	5	$300	
Molded Case Bkrs	65%			2025	$145,700	5	$2,100	
Molded Case Bkrs	20%			2048	* *	5	$700	
Wiring								
Thermoplastic	80%			2026	$238,700	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$111,800	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$5,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2021	$86,500	10	$15,500	
Exit, Service	50%			2021	$17,300	1		
Exterior Lighting								
HID	100%			2021	$472,400	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$14,000	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$127,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	5%	Now	$44,800	2056	* *	4	$300	
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Steam Traps								
Steam Piping/Pump	5%	Now	$44,800	2056	* *	4	$300	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Defective Room Thermostat And Temperature Control Valves								
Steam Piping/Pump	90%	Now	$16,100	2036	* *	4	$5,700	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Crawlspace And Other Locations, Deteriorated Steam Piping								
Terminal Devices								
Air Handler	20%	Now	$6,900	2026	$138,400	1	$14,300	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Fan Room, Defective Gymnasium Fan Drive System								
Convector/Radiator	60%	Now	$72,700	2031	* *	1	$22,400	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Traps, Thermostats, Basement								
Fan Coil Unit/Heat	20%			2021	$384,200	1	$8,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	$13,200	2021	$131,900	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Locations, Multiply Mechanical Defects								
No Component	50%							
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - BK

Asset # : 1299

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$113,300	
Exhaust Fans								
Interior	100%	Now	$14,200	2026	$141,800	2	$3,100	
Malfunctioning, Extent : Moderate, Area Affected : 70%								
Location : Basement Fan Room, Defective Gymnasium And Auditorium Exhaust Fan Motor Starter								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement								
Explanation : Odor Smell								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$29,800	2	$1,900	
Sanitary Piping								
Cast Iron	100%	Now	$13,900	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Oil Tank Room								
Storm Drain Piping								
Cast Iron	100%	Now	$9,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Oil Tank Room, Cracked Storm Drain Piping In Area Way								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	75%							
Generic	25%			2036	* *	1-5	$16,200	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 225 - Q**		
Address	: **190 BEACH 110 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q225**
Program / Asset #	: **BOE0859.000 / 167**	**Yr Built/Renovated**	: **1964 / 2005**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16181** **Lot** : **1**	**BIN**	: **4303853**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$212,200	$168,600
Interior Architecture		$827,500
Electrical	$643,600	$1,434,200
Mechanical		$475,600
Total	**$855,800**	**$2,905,800**
Importance Code A	$212,200	$557,300
Importance Code B	$643,600	$2,348,500
Total	**$855,800**	**$2,905,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,400		$6,500	$6,700
Interior Architecture		$17,300	$16,900	
Electrical	$1,100	$2,800	$32,500	$2,400
Mechanical	$26,800	$15,800	$41,800	$11,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$49,100**	**$39,800**	**$101,700**	**$24,300**
Importance Code A	$24,500	$7,200	$13,800	$13,900
Importance Code B	$24,600	$30,300	$87,800	$10,400
Importance Code C		$2,400		
Total	**$49,100**	**$39,800**	**$101,700**	**$24,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$44,900	
Masonry: Brick	80%	Now	$144,400	LIFE	* *	5	$47,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%	Now	$4,300	2044	* *	5	$5,600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : East Facade Of West Wing								
Windows								
Aluminum	100%			2040	* *	5	$13,400	
Parapets								
Cast in Place Concrete	75%			LIFE	* *	5	$75,800	
Metal Rail	25%	Now	$13,100	2029	* *	5	$17,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%			2029	* *	10	$67,700	
Metal Panel	5%			2029	* *	10	$6,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$11,800	
Ceramic Tile	5%			2033	* *	5	$5,400	
Vinyl Tile	90%			2024	$827,500	3	$36,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$4,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,800	
Plaster	60%			LIFE	* *	5	$17,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$33,800	
Exposed Concrete	60%			LIFE	* *	5	$10,100	
Metal Panel	5%			LIFE	* *	5	$6,800	
Plaster	10%			LIFE	* *	5	$6,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Fused Disc Sw	15%			2023	$20,200	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,500	
Wiring								
Braided Cloth	65%	2-4	$113,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2034	* *	1		
Thermoplastic	30%			2024	$52,200	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	93%			2024	$746,300	10	$61,600	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2024	$24,100	10	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Light Fixtures								
HID	2%			2019	$11,500	10		
Incandescent	2%			2024	$16,100	2		
Egress Lighting								
Emergency, Battery	50%			2019	$48,700	10	$8,700	
Exit, Service	50%			2019	$9,700	1		
Exterior Lighting								
HID	100%			2019	$264,400	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$63,500	1	$7,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$217,500	2034	* *	1-3	$11,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipments; Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$22,400	
Conversion Equipment								
Steam Boiler	100%			2022	$351,700	1	$71,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,300	
Terminal Devices								
Air Handler	20%			2024	$77,900	1	$8,900	
Convector/Radiator	80%			2029	* *	1	$18,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$14,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,300	
Exhaust Fans								
Interior	20%			2024	$16,000	2	$400	
Roof	80%			2024	$46,000	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 225 - Q

Asset # : 167

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	$16,800	2024	$16,800	2	$800	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$10,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Repairs In Progress, Extent : Light, Area Affected : 5%								
Location : North Side Of Cafeteria Roof								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$25,300	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 226 - BK**		
Address	: **6006 23 AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K226**
Program / Asset #	: **BOE0521.000 / 1300**	**Yr Built/Renovated**	: **1930 / 2005**
Area Sq Ft	: **108,275**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6549** **Lot** : **24**	**BIN**	: **3172071**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$89,300	$185,500
Interior Architecture	$1,155,300	$406,300
Electrical	$816,500	$855,600
Mechanical	$652,700	$1,033,800
Total	**$2,713,800**	**$2,481,200**
Importance Code A	$89,300	$227,500
Importance Code B	$2,427,700	$2,253,700
Importance Code C	$196,800	
Total	**$2,713,800**	**$2,481,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$700
Interior Architecture	$45,200		$3,100	$6,200
Electrical	$10,300	$1,100	$1,900	$2,000
Mechanical	$31,800	$17,300	$24,300	$16,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$91,200**	**$22,400**	**$33,300**	**$29,300**
Importance Code A	$27,000	$11,000	$11,000	$11,900
Importance Code B	$52,600	$11,400	$22,300	$17,400
Importance Code C	$11,500			
Total	**$91,200**	**$22,400**	**$33,300**	**$29,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$88,800	
Masonry: Brick	5%			LIFE	* *	5	$5,700	
Masonry: Brick	80%			LIFE	* *	5	$91,000	
Masonry: Granite	5%			LIFE	* *	5	$4,300	
Windows								
Aluminum	100%			2041	* *	5	$40,100	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	$15,900	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Panel	2%			2045	* *	5	$1,300	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$89,300	
Copper/Terne	5%			2053	* *	10	$11,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$72,700	
Ceramic Tile	5%	2-4	$8,100	2034	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	2-4	$19,300	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	15%			2025	$212,000	3	$9,400	
Vinyl Tile	5%			2035	* *	3	$4,200	
Vinyl Tile 9" X 9"	25%			2020	$457,800	3	$20,800	
Wood	25%	4+	$274,200	2040	* *	5	$39,000	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	2-4	$11,500	2028	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%	2-4	$67,200	LIFE	* *	5	$25,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	20%	2-4	$129,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%	4+	$53,100	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%	0-2	$173,400	LIFE	* *	5	$82,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	$156,400	5	$400	
Fused Disc Sw	20%			2035	* *	5	$100	
Raceway								
Conduit	80%			2025	$166,900	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$200	
Molded Case Bkrs	70%			2024	$125,600	5	$2,000	
Molded Case Bkrs	20%			2033	* *	5	$600	
Wiring								
Braided Cloth	70%	2-4	$208,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2035	* *	1		
Motor Controllers								
Locally Mounted	50%	2-4	$57,600	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	50%			2030	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2030	* *	10	$86,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2030	* *	10	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
HID	5%			2020	$44,300	10	$200	
Egress Lighting								
Emergency, Battery	50%			2025	$74,900	10	$13,400	
Exit, Service	50%			2025	$15,000	1		
Exterior Lighting								
HID	100%			2020	$408,900	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$65,500	1	$8,100	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2025	$224,300			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room, Storage Room And Hallway Elevator								
Explanation : Partial Installation								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$27,000	2030	* *	1	$99,000	
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : Gas Line For #1 Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$77,600	2025	$775,500	4	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Thermostats, Various Locations								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2020	$119,800	1	$13,700	
Convector/Radiator	60%			2030	* *	1	$21,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Leaking To Boiler Room								
Fan Coil Unit/Heat	20%			2020	$332,600	1	$7,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2023	$45,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	100%			2020	$122,800	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2035	* *	1		
Galv Iron/Steel	25%			2023	$82,900	1		
Water Heater								
Gas Fired	100%			2024	$25,800	2	$1,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : Old Unit Is Still Remaining In Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2025	$1,100	1	$700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : For Boiler And Hot Water Heater Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : One Unit								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BK

Asset # : 1300

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2025	$129,700	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 226 - BX**		
Address	: **1950 SEDGWICK AVENUE @ W.179 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X826**
Program / Asset #	: **BOE0997.000 / 4491**	**Yr Built/Renovated**	: **1989 / 1996**
Area Sq Ft	: **58,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3222** **Lot** : **100**	**BIN**	: **2096465**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,517,400	$193,600
Interior Architecture		$683,000
Electrical		$88,300
Mechanical		$65,600
Total	**$1,517,400**	**$1,030,500**
Importance Code A	$1,517,400	$236,100
Importance Code B		$794,400
Total	**$1,517,400**	**$1,030,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100		$8,800	
Interior Architecture	$98,000		$8,100	$10,000
Electrical	$9,800	$4,500	$5,500	$6,000
Mechanical	$57,600	$18,300	$23,000	$12,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$202,500**	**$26,700**	**$49,400**	**$32,700**
Importance Code A	$36,600	$3,400	$12,300	$3,400
Importance Code B	$148,700	$23,200	$36,700	$29,200
Importance Code C	$17,200		$400	
Total	**$202,500**	**$26,700**	**$49,400**	**$32,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$71,800	
Masonry: Brick	70%	4+	$75,800	LIFE	* *	5	$50,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Below Window Sills/ Gutters West Facade								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North Side Of Property								
Explanation : Construction In Progress. New Addition								
Masonry: Fieldstone	5%			LIFE	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : West Facade								
Explanation : This Component Is Actually A Thin Stone Veneer								
Metal Panel	15%			2036	* *	5-10	$74,100	
Windows								
Aluminum	95%	Now	$869,500	2051	* *	5	$10,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Louvers	5%			2029	* *	10	$6,800	
Parapets								
Masonry: Brick	20%	Now	$4,200	LIFE	* *	5	$700	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Southern Parapet Wall								
Metal Panel	70%	Now	$19,700	2036	* *	5	$5,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Soffits / Gutters Throughout								
Miss/Damaged Copings, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Courtyard Playground								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Referring To Built Out Metal Soffits At Perimeter Of Metal Seam Roofs								
Metal Rail	5%			2039	* *	5-10	$3,300	
Pre-Cast Concrete	5%	Now	$300	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Coping Near Bulkhead At West Side								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Coping								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	25%	Now	$400,300	2036	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Flat Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Room 319								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Flat Roof								
Metal Panel	60%	Now	$135,900	2031	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Gutters Clog Easily - Unable To Clean Effectively								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Connecting Corridor With East Wing								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : All Roofs								
Explanation : Paint Peeling								
Plaza Roof: Stone Panels	7%	Now	$6,200	2046	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Play Yard Above Main Entrance - Leaking Into Kitchen								
Skylight, Metal/Glass	8%			2036	* *	10	$53,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,900	
Ceramic Tile	3%			2029	* *	5	$3,200	
Panel/Paver: Cer/Brk	5%			2034	* *	5	$12,000	
Quarry Tile	2%			2031	* *	5	$3,200	
Terrazzo	5%			LIFE	* *	5	$8,400	
Vinyl Tile	75%			2026	$683,000	3	$40,200	
Interior Walls								
Ceramic Tile	3%			2029	* *	5	$800	
Concrete Masonry Unit	45%			LIFE	* *	5	$10,100	
Gypsum Board	30%			LIFE	* *	5-10	$14,300	
Masonry: Brick	2%			LIFE	* *	10	$200	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$2,800	
Ceilings								
AcousTileConcealSpLn	20%			2031	* *	5	$26,800	
AcousTileSusp.Lay-In	40%			2031	* *	5	$42,800	
Exposed Struc: Steel	15%			LIFE	* *	10	$32,100	
Gypsum Board	20%	2-4	$4,300	LIFE	* *	5	$26,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridor Connecting East Wing / Stairwell								
Metal Panel	5%			LIFE	* *	5	$13,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								

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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2039	* *	5	$100	
Motor Control Center	70%			2039	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$17,800	
Generators								
Diesel	100%			2035	* *	1	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,100	
Fuel Storage								
Day Tank	50%			2042	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gen Room								
Explanation : 70 Gal								
Main Tank	50%			2054	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2031	* *	10	$51,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2031	* *	10	$1,600	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-5 Lamps								
Exit, Service	50%			2031	* *	1		
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$35,100	1	$4,300	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	60%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement Vault								
Explanation : 1- 5000 Gallon Tank								
Interruptible Gas/Dual Fuel	40%			2046	* *	1		
Conversion Equipment								
Furnace	60%			2026	$42,500	1	$17,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Wing 1st Floor Mech Room								
Explanation : 3 Gas Fired Units								
Heat Exchanger	20%			2035	* *	1	$5,700	
Steam Boiler	20%			2039	* *	1	$11,500	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	20%			2042	* *	4	$900	
Steam Piping/Pump	20%			2046	* *	4	$900	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2031	* *	1	$7,200	
Convector/Radiator	20%			2031	* *	1	$3,800	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2031	* *	1	$10,800	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : Basement								
Window/Wall Unit	10%			2021	$11,900	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2046	* *	4	$1,700	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%			2031	* *	1	$14,400	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2031	* *	2	$16,200	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,200	
Exhaust Fans								
Roof	50%	0-2	$23,100	2036	* *	2	$700	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Roof Of The North Wing Of The Building, 6 Of 6 Defective Exhaust Fan Motors								
Roof	50%			2026	$23,100	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	40%			2021	$5,400	2	$300	
Gas Fired	60%			2024	$8,100	2	$500	
Recent Replace Evident, Extent : Light, Area Affected : 60%								
Location : North Wing First Floor Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 226 - BX

Asset # : 4491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2031	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$29,200	
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$1,600	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 228 - Q**		
Address	: **32-65 93RD STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q228**
Program / Asset #	: **BOE1018.000 / 13445**	**Yr Built/Renovated**	: **2001 /**
Area Sq Ft	: **53,775**	**Project Type**	: **EDUCATION**
Date of Survey	: **10-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **1423** **Lot** : **57**	**BIN**	: **4034892**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$103,200	$67,300
Electrical	$49,300	
Total	**$152,500**	**$67,300**
Importance Code A	$103,200	$67,300
Importance Code B	$49,300	
Total	**$152,500**	**$67,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$22,800	$3,000		
Interior Architecture	$7,500	$38,500		
Electrical	$4,300	$4,900	$4,300	$12,200
Mechanical	$39,800	$30,400	$25,200	$32,100
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$82,400**	**$84,700**	**$37,500**	**$52,300**
Importance Code A	$28,200	$8,400	$5,300	$5,400
Importance Code B	$54,200	$74,600	$32,100	$46,800
Importance Code C		$1,800		
Total	**$82,400**	**$84,700**	**$37,500**	**$52,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	96%			LIFE	* *	5	$67,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$4,600	
Window Wall	2%			2051	* *	5	$5,300	
Windows								
Aluminum	90%			2047	* *	5	$8,700	
Aluminum	5%	Now	$2,000	2047	* *	5	$200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 307								
Metal Louvers	5%			2038	* *	10	$3,000	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5	$600	
Metal Rail	5%			2042	* *	5-10	$600	
Pre-Cast Concrete	5%			LIFE	* *	5	$200	
Roof								
Built-Up (BUR)	50%	Now	$16,200	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Room 307								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Over Room 307								
Modified Bitumen	50%	Now	$103,200	2035	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$26,400	
Ceramic Tile	5%			2038	* *	5	$4,000	
Sheet Vinyl/Rubber	5%			2033	* *	5	$6,000	
Vinyl Tile	75%			2033	* *	3	$22,600	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$3,600	
Concrete Masonry Unit	40%			LIFE	* *	5	$11,400	
Glass Block	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$10,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2042	* *	5	$15,100	
AcousTileSusp.Lay-In	60%			2038	* *	5	$48,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 307								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$10,100	
Metal Panel	5%			LIFE	* *	5	$5,000	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$16,500	
Generators								
Diesel	100%			2034	* *	1	$20,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Ratings								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$12,000	
Fuel Storage								
Day Tank	50%			2041	* *	5	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2053	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2030	* *	10	$39,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2030	* *	10	$9,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Horns, Manual Pull Stations, Smoke Detectors And Strobe Lights								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$53,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2045	* *	4	$4,000	
Terminal Devices								
Air Handler	60%			2030	* *	1	$20,000	
Convector/Radiator	35%			2038	* *	1	$6,100	
Fan Coil Unit/Heat	5%			2030	* *	1	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	* *	1	$24,900	
Noisy/Vibrating, Extent : Moderate, Area Affected : 2%								
Location : Bearing Of Chilled Water Pump								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : Rotary Screw Type								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	* *	1	$33,300	
Heat Rejection								
Air Condenser Unit	100%			2030	* *	2	$37,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$9,300	LIFE	* *	2-5	$30,000	
Inadequate Supply, Extent : Severe, Area Affected : 70%								
Location : Air Supply Is Not Balanced, Throughout								
Exhaust Fans								
Interior	80%			2030	* *	2	$1,300	
Roof	20%			2030	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$3,200	2045	* *	1		
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Boiler Room								
Explanation : Booster Motors Burnt Out								
Water Heater								
Gas Fired	100%	Now	$600	2023	$12,500	2	$600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Bottom Of The Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$3,300	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 228 - Q

Asset # : 13445

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C-3 (1) 1-3								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$27,100	
Sprinkler								
Generic	100%			2045	* *	1-2	$15,100	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 229 - BK**				
Address	: **1400 BENSON AVENUE @14TH AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K229**
Program / Asset #	: **BOE0524.000 / 1301**			**Yr Built/Renovated**	: **1932 / 2010**
Area Sq Ft	: **101,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **05-Apr-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **6391**	**Lot**	: **24**	**BIN**	: **3167212**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$325,500
Interior Architecture	$38,500	$335,700
Electrical	$76,300	$294,500
Mechanical		$423,500
Total	**$114,700**	**$1,379,200**
Importance Code A		$325,500
Importance Code B	$114,700	$1,053,700
Total	**$114,700**	**$1,379,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,800		$9,000	
Interior Architecture	$14,000	$4,400	$16,900	$10,500
Electrical	$10,200	$10,500	$46,600	$10,100
Mechanical	$41,000	$17,800	$53,200	$19,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$80,900**	**$44,500**	**$137,400**	**$51,500**
Importance Code A	$12,300	$8,500	$17,700	$8,500
Importance Code B	$68,500	$36,000	$112,900	$43,000
Importance Code C			$6,800	
Total	**$80,900**	**$44,500**	**$137,400**	**$51,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$58,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Addition, 2010								
Explanation : Recent Construction								
Masonry: Brick	15%			LIFE	* *	5	$17,400	
Masonry: Brick	60%			LIFE	* *	5	$69,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Masonry: Granite	5%			LIFE	* *	5	$4,300	
Masonry: Limestone	10%			LIFE	* *	5	$8,700	
Windows								
Aluminum	30%			2032	* *	5	$7,700	
Aluminum	70%			2049	* *	5	$17,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Concrete Masonry Unit	60%			LIFE	* *	5	$10,300	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Masonry: Brick	20%			LIFE	* *	5	$3,100	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Roof								
Built-Up (BUR)	70%			2032	* *	10	$51,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Modified Bitumen	30%			2024	$128,900	10	$22,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	2%			2027	* *	5	$2,800	
Ceramic Tile	3%			2037	* *	5	$4,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Terrazzo	2%			LIFE	* *	5	$2,200	
Terrazzo	3%			LIFE	* *	5	$3,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Vinyl Tile	60%			2032	* *	3	$41,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Vinyl Tile	25%			2024	$297,200	3	$13,100	
Wood	5%			2059	* *	5	$13,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$13,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	15%			LIFE	* *	5	$6,200	
Plaster	60%			LIFE	* *	5	$24,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Addition, 2010								
Explanation : Recent Installation								
SGFT/Glazed Masonry	3%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$7,000	
AcousTileSusp.Lay-In	5%			2029	* *	5	$7,000	
AcousTileSusp.Lay-In	50%			2044	* *	5	$69,900	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition, 2010								
Exposed Concrete	5%			LIFE	* *	5	$1,100	
Plaster	15%			LIFE	* *	5	$13,100	
Plaster	20%			LIFE	* *	5	$17,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Addition, 2010								
Explanation : Recent Construction								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 5000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	30%			2024	$62,600	1		
Conduit	70%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$9,000	5	$100	
Fused Disc Sw	10%			2049	* *	5	$200	
Molded Case Bkrs	25%			2023	$44,800	5	$700	
Molded Case Bkrs	60%			2049	* *	5	$1,600	
Wiring								
Thermoplastic	70%			2054	* *	1		
Thermoplastic	30%			2024	$89,500	1		
Motor Controllers								
Locally Mounted	70%			2044	* *	5	$500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Locally Mounted	30%			2022	$34,500	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$31,100	
Generators								
Diesel	100%			2039	* *	1	$39,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - New Wing								
Explanation : One 250 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2064	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - New Wing								
Explanation : One 250 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$27,800	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Old Wings								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$1,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gym, New Wings								
Fluorescent	66%			2034	* *	10	$61,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The New Wings								
HID	2%			2034	* *	10	$100	
Egress Lighting								
Emergency, Service	15%			2029	* *	1		
Emergency, Service	45%			2034	* *	1		
Exit, LED	30%			2064	* *	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	80%			2034	* *	10	$200	
HID	20%			2019	$76,300	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2064	* *	5	$3,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,300	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2034	* *	1-3	$21,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2032	* *	1	$15,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units Part Of A C System								
Steam Boiler	70%			2037	* *	1	$70,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$24,700	2034	* *	4	$3,500	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Vacuum.condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
No Component	30%							
Terminal Devices								
Air Handler	50%			2024	$272,300	1	$31,200	
Convector/Radiator	40%			2029	* *	1	$13,100	
Fan Coil Unit/Heat	10%			2024	$151,200	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2032	* *	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Wing Roof								
Explanation : 5 Units Using R-407c								
Window/Wall Unit	10%			2019	$20,800	1		
No Component	60%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$39,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$45,100	
No Component	20%							
Exhaust Fans								
Interior	70%			2032	* *	2	$2,200	
Roof	30%			2032	* *	2	$900	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2050	* *	1		
Galv Iron/Steel	70%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$23,500	2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - BK

Asset # : 1301

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit Basement: 2nd Floor, Two Units Basement:4th Foor								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2044	* *	1-2	$9,900	
Fire Pump								
No Component	70%							
Generic	30%			2037	* *	1	$5,700	
Chemical System								
Dry	10%			2023	$2,600	1-3	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 229 - Q**		
Address	: **67-25 51 ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q229**
Program / Asset #	: **BOE0862.000 / 1487**	**Yr Built/Renovated**	: **1967 / 2013**
Area Sq Ft	: **110,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2423** **Lot** : **1**	**BIN**	: **4440274**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$751,600	$182,100
Interior Architecture	$102,100	$1,272,800
Electrical	$208,900	$2,157,100
Mechanical	$28,100	$161,800
Total	**$1,090,800**	**$3,773,900**
Importance Code A	$751,600	$203,100
Importance Code B	$339,200	$3,570,800
Total	**$1,090,800**	**$3,773,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$54,100		$18,700	
Interior Architecture	$161,500		$4,700	$26,200
Electrical	$3,300	$1,200	$1,600	$2,200
Mechanical	$68,500	$23,000	$55,500	$24,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$295,300**	**$32,100**	**$88,300**	**$60,600**
Importance Code A	$75,200	$9,600	$28,300	$9,600
Importance Code B	$122,800	$22,600	$60,100	$43,500
Importance Code C	$97,300			$7,500
Total	**$295,300**	**$32,100**	**$88,300**	**$60,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$28,200	
Glazed Ceramic Panel	3%			LIFE	* *	5	$26,400	
Masonry: Brick Cavity	90%			LIFE	* *	5	$169,300	
Metal Panel	2%			2046	* *	5-10	$12,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$12,200	
Windows								
Aluminum	30%			2042	* *	5	$6,300	
Aluminum	60%	Now	$530,900	2051	* *	5	$6,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : 1967 Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 1967 Wing								
Glass Block	5%	Now	$10,500	LIFE	* *	5	$700	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Steel	5%	Now	$55,200	2051	* *	5	$6,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$94,700	
Masonry: Limestone	3%			LIFE	* *	5-10	$5,600	
Metal Rail	5%			2039	* *	5-10	$13,900	
Pre-Cast Concrete	2%			LIFE	* *	5	$3,900	
Roof								
Asphalt Macadam	5%			2031	* *	5	$3,700	
Copper/Terne	3%			2054	* *	10	$8,400	
Metal Panel	5%			2039	* *	10	$10,300	
Modified Bitumen	87%			2034	* *	10	$97,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$8,500	
Terrazzo	5%			LIFE	* *	5	$13,300	
Vinyl Tile	22%			2031	* *	3	$14,000	
Vinyl Tile 9" X 9"	68%			2021	$1,272,800	3	$57,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	$15,000	
Folding Partition	5%			2042	* *	5	$18,800	
Glazed Ceramic Panel	5%			LIFE	* *	10	$6,800	
Gypsum Board	20%			LIFE	* *	5-10	$51,100	
Plaster	40%			LIFE	* *	5-10	$51,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$15,000	
Ceilings								
AcousTileSusp.Lay-In	25%			2031	* *	5	$42,400	
Exposed Concrete	55%			LIFE	* *	5-10	$116,700	
Exposed Struc: Steel	3%			LIFE	* *	10	$10,200	
Metal Panel	5%			LIFE	* *	5	$21,200	
Plaster	12%			LIFE	* *	5-10	$35,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Fused Disc Sw	50%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$97,700	5	$200	
Fused Disc Sw	50%			2046	* *	5	$200	
Raceway								
Conduit	70%			2026	$146,100	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$300	
Molded Case Bkrs	30%			2042	* *	5	$900	
Molded Case Bkrs	60%			2025	$107,600	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$80,600	5	$500	
Locally Mounted	30%			2039	* *	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Lighting								
Interior Lighting								
Fluorescent	53%			2026	$668,400	10	$55,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-12 Lamps								
Fluorescent	45%			2031	* *	10	$46,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
HID	1%			2026	$9,100	10		
Incandescent	1%			2026	$12,600	2		
Egress Lighting								
Emergency, Battery	50%			2026	$76,600	10	$13,700	
Exit, Service	50%			2026	$15,300	1		
Exterior Lighting								
HID	100%			2026	$415,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$99,800	1	$12,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$341,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights,Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	70%			2036	* *	5	$24,600	
Natural Gas	30%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2031	* *	1	$16,800	
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 9 Roof Top Package Units								
Steam Boiler	70%	Now	$19,300	2031	* *	1	$70,800	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : #2 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	70%	Now	$27,700	2046	* *	4	$3,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 10%								
Location : Various Areas								
No Component	30%							
Terminal Devices								
Air Handler	15%			2026	$91,800	1	$10,500	
Convector/Radiator	55%			2031	* *	1	$20,200	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2031	* *	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Auditorium Roof								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Auditorium Roof								
Explanation : 3 Roof Top Units								
Ext Pkg Unit - Heating/Cooling	30%			2031	* *	2	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Other Observation, Extent : Light, Area Affected : 30%								
Location : New Wing Roof								
Explanation : 9 Roof Top Package Units								
Window/Wall Unit	30%			2021	$70,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,200	
Exhaust Fans								
Interior	30%			2031	* *	2	$1,000	
Roof	70%			2031	* *	2	$2,400	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 229 - Q

Asset # : 1487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2019	$26,400	2	$1,700	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$11,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Backflow Preventer								
No Component	70%							
Generic	30%			2031	* *	1	$2,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Old Wing (1) G-3 New Wing (1) G-2								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2046	* *	1-5	$17,200	
Sprinkler								
No Component	67%							
Generic	33%			2046	* *	1-2	$10,500	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 230 - BK**
Address : **1 ALBEMARLE ROAD BTWN: DAHILL RD., MC DONALD AV**
Borough : **BROOKLYN**
Agency's Number : **K230**
Program / Asset # : **BOE0525.000 / 2552**
Yr Built/Renovated : **1930 / 2011**
Area Sq Ft : **72,800**
Project Type : **EDUCATION**
Date of Survey : **22-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **5323** **Lot** : **32**
BIN : **3124109**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$222,700	$72,600
Interior Architecture	$503,400	$537,700
Electrical	$221,700	$1,499,200
Mechanical	$52,100	$446,300
Total	**$999,900**	**$2,555,800**
Importance Code A	$222,700	$96,700
Importance Code B	$709,500	$2,459,100
Importance Code C	$67,700	
Total	**$999,900**	**$2,555,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$87,600			
Interior Architecture	$87,600		$6,600	$7,000
Electrical	$11,000	$700	$700	$1,100
Mechanical	$68,300	$11,100	$42,100	$11,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$258,500**	**$15,700**	**$53,300**	**$23,100**
Importance Code A	$95,000	$7,400	$7,400	$7,400
Importance Code B	$131,600	$8,300	$44,200	$15,700
Importance Code C	$31,800		$1,700	
Total	**$258,500**	**$15,700**	**$53,300**	**$23,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,700	
Masonry: Brick	95%	Now	$109,600	LIFE	* *	5	$72,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$113,100	2042	* *	5	$13,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$16,300	
Masonry: Brick	95%	Now	$31,500	LIFE	* *	5	$10,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$13,800	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Hatch								
Roll Roofing	5%	Now	$700	2025	$13,000	5	$2,600	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Low Roof At 2000 Construction								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Low Roof 2000 Construction								
Interior								
Floors								
Asphalt Poured	20%	Now	$30,600	2046	* *	5	$5,600	
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Stair(s)								
Wrinkling, Extent : Moderate, Area Affected : 60%								
Location : Stair(s)								
Cast in Place Concrete	5%			LIFE	* *	5	$24,500	
Ceramic Tile	5%			2029	* *	5	$5,600	
Terrazzo	5%	Now	$13,000	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	50%	Now	$285,100	2026	$475,200	3	$21,000	
Adhesion Failure, Extent : Moderate, Area Affected : 45%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Vinyl Tile	15%			2031	* *	3	$6,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$17,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2029	* *	5	$3,400	
Masonry: Brick	15%			LIFE	* *	10	$5,100	
Marble Panels	2%	Now	$9,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	75%	Now	$67,700	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$41,300	2031	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Plaster	90%			LIFE	* *	5-10	$171,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2026	$13,000	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2026	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$117,300	5	$300	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	10%			2025	$13,500	5	$200	
Fused Knife Sw	30%	2-4	$40,400	2051	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 1st, 2nd, 3rd & 4th Floors								
Molded Case Bkrs	45%			2025	$60,500	5	$900	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	10%			2052	* *	1		
Thermoplastic	20%			2026	$34,800	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$200	
Locally Mounted	50%			2043	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	87%			2021	$721,700	10	$59,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement New Wing								
Explanation : T-8 Lamps								
Incandescent	8%			2021	$66,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$50,400	10	$9,000	
Exit, Service	50%			2021	$10,100	1		
Exterior Lighting								
HID	100%			2021	$274,900	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$74,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$52,100	2046	* *	4	$3,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump , In The Basement.								
Terminal Devices								
Air Handler	25%			2026	$100,700	1	$11,500	
Convector/Radiator	50%	Now	$17,600	2031	* *	1	$10,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Thermostats, Traps, All Floors								
Fan Coil Unit/Heat	25%	0-2	$5,600	2026	$279,500	1	$5,400	
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Library And Room 302, Defective Unit Ventilator Motor								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2031	* *	2	$500	
Window/Wall Unit	10%			2024	$15,400	1		
No Component	80%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$36,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,900	
Exhaust Fans								
Interior	80%			2026	$66,000	2	$1,800	
Roof	20%			2026	$11,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$4,500	2036	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Pumps								

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DEPARTMENT OF EDUCATION - 040

P. S. 230 - BK

Asset # : 2552

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2019	$17,400	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 - 4 Floors								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,100	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 230/I. S. 229 (UDC) - BX**				
Address	: **275 HARLEM RIVER PARK BRIDGE @ MAJOR DEEGAN EXPY.**				
Borough	: **BRONX**			**Agency's Number**	: **X229**
Program / Asset #	: **BOE0315.000 / 373**			**Yr Built/Renovated**	: **1977 / 2003**
Area Sq Ft	: **167,388**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **2882**	**Lot**	: **130**	**BIN**	: **2009253**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$302,700	$437,500
Interior Architecture	$289,100	$343,600
Electrical	$225,200	$1,152,300
Mechanical		$1,905,900
Total	**$817,000**	**$3,839,200**
Importance Code A	$302,700	$437,500
Importance Code B	$514,300	$3,353,700
Importance Code C		$48,000
Total	**$817,000**	**$3,839,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,400	$38,200	$17,100	
Interior Architecture	$12,200			$22,600
Electrical	$5,600	$45,900	$4,700	$5,600
Mechanical	$51,600	$99,800	$58,100	$73,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$86,700**	**$191,700**	**$87,800**	**$109,200**
Importance Code A	$17,900	$47,100	$25,700	$8,500
Importance Code B	$63,000	$144,700	$62,100	$100,600
Importance Code C	$5,700			
Total	**$86,700**	**$191,700**	**$87,800**	**$109,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$79,500	
Masonry: Brick	40%			LIFE	* *	5	$63,600	
Masonry: Brick	10%	Now	$96,000	LIFE	* *	5	$15,900	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout Window Sills								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,900	
Metal Panel	35%			2043	* *	5-10	$382,800	
Windows								
Aluminum	100%			2039	* *	5	$34,300	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$13,100	
Metal Panel	30%			2043	* *	5	$21,800	
Roof								
Built-Up (BUR)	75%			2028	* *	10	$102,300	
Cast in Place Concrete	5%	Now	$9,400	LIFE	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	20%			2028	* *	10	$27,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$56,600	
Ceramic Tile	5%			2032	* *	5	$12,900	
Quarry Tile	5%			2036	* *	5	$19,400	
Vinyl Tile	70%	Now	$77,000	2028	* *	3	$67,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Expansion Joints Throughout								
Wood	10%	Now	$170,600	2051	* *	5	$24,200	
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$11,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$13,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$48,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%			2036	* *	5	$142,100	
Exposed Concrete	10%	Now	$41,600	LIFE	* *	5	$4,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	30%			LIFE	* *	5	$96,900	
Plaster	5%			LIFE	* *	5	$8,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2033	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3500 Amps And One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$700	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2031	* *	5	$600	
Molded Case Bkrs	85%			2031	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2028	* *	5	$900	
Motor Control Center	20%			2028	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2028	* *	10	$139,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2028	* *	10	$15,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-5 Lamps								
HID	2%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	20%			2028	* *	10	$8,300	
Emergency, Battery	30%			2018	$69,900	10	$12,500	
Exit, Service	10%			2028	* *	1		
Exit, Service	40%			2018	$18,600	1		
Exterior Lighting								
HID	100%			2023	$632,200	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$18,800	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$520,100	1-3	$31,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$53,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								
Conversion Equipment								
Hot Water Boiler	100%			2036	* *	1	$85,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	$8,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2032	* *	1	$187,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Using Refrigerant R -11								
Distribution								
Chilled Wtr Pipe/Pump	100%			2033	* *	4	$12,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	$1,367,100	1	$106,800	
Heat Rejection								
Water Cool Tower	100%			2024	$495,900	2	$173,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,300	
Exhaust Fans								
Roof	20%			2023	$27,500	2	$1,100	
No Component	80%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$25,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 230/I. S. 229 (UDC) - BX

Asset # : 373

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$4,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 232 - Q**		
Address	: **153-23 83 STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q232**
Program / Asset #	: **BOE0864.000 / 195**	**Yr Built/Renovated**	: **1962 / 2011**
Area Sq Ft	: **83,104**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **11445** **Lot** : **1**	**BIN**	: **4247454**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$76,200	$63,900
Interior Architecture	$895,100	
Electrical	$429,300	$960,600
Mechanical	$41,800	$618,200
Total	**$1,442,300**	**$1,642,700**
Importance Code A	$117,900	$481,500
Importance Code B	$1,324,400	$1,161,300
Total	**$1,442,300**	**$1,642,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,900		$10,600	
Interior Architecture	$34,600	$1,700	$33,200	
Electrical	$11,400	$9,500	$8,500	$8,200
Mechanical	$11,500	$18,700	$58,200	$14,000
Total	**$62,500**	**$30,000**	**$110,500**	**$22,200**
Importance Code A	$4,900	$8,500	$19,300	$8,500
Importance Code B	$57,600	$19,800	$91,200	$13,700
Importance Code C		$1,700		
Total	**$62,500**	**$30,000**	**$110,500**	**$22,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$16,700	
Masonry: Brick	90%			LIFE	* *	5	$63,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,500	
Windows								
Aluminum	100%			2046	* *	5	$16,000	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	15%			2041	* *	5-10	$31,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$76,200	
Copper/Terne	5%			2039	* *	10	$10,600	
Modified Bitumen	5%	Now	$4,900	2024	$24,600			
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Over Vestibule								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Vestibule								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$26,700	LIFE	* *	5	$14,000	
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : High Water Table								
Ceramic Tile	3%			2027	* *	5	$3,900	
Terrazzo	5%			LIFE	* *	5	$5,000	
Vinyl Tile	82%			2019	$895,100	3	$39,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	5%			2052	* *	5	$12,000	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$3,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$22,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair H Between Second And Third Floors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2029	* *	5	$40,100	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Vestibule								
Exposed Concrete	70%			LIFE	* *	5	$14,000	
Plaster	5%			LIFE	* *	5	$4,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Mounted On Elevated Concrete Pad								
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	20%			2023	$35,900	5	$400	
Molded Case Bkrs	70%			2023	$125,600	5	$1,500	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	95%			2022	$71,800	5	$500	
Locally Mounted	5%			2041	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	$22,000	1	$25,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : For Sump Pump Exclusively								
Generators								
Natural Gas	100%			2020	$121,400	1	$32,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 7.5 Kw Onan Genset For Sump Pump Only								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	99%			2029	* *	10	$77,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Battery	30%			2024	$34,700	10	$6,200	
Exit, Service	70%			2024	$16,200	1		
Exterior Lighting								
HID	100%			2024	$313,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$258,200	1-3	$15,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$26,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 232 - Q

Asset # : 195

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$41,800	2022	$417,600	1	$76,400	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Boiler Supporting Beams								
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : #2 Boiler Tubes Leaking								
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : No Hot Water Heater, Boiler Has To Run All Summer								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,300	
Terminal Devices								
Air Handler	20%	0-2	$9,300	2024	$92,500	1	$9,500	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Fan Housing Supports Rusting From Ground Water								
Convector/Radiator	80%			2029	* *	1	$22,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$26,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,800	
Exhaust Fans								
Interior	60%			2024	$56,900	2	$1,600	
Roof	40%			2024	$27,300	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$51,200	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2034	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 232 - Q
Asset # : 195

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 233 - BK**		
Address	: **AVENUE B & EAST 93 STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K233**
Program / Asset #	: **BOE0528.000 / 683**	**Yr Built/Renovated**	: **1930 / 2002**
Area Sq Ft	: **159,857**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **4753** **Lot** : **1**	**BIN**	: **3104990**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$69,700	$362,800
Interior Architecture	$917,800	$409,500
Electrical	$385,400	$1,187,600
Mechanical	$38,900	$1,068,000
Total	**$1,411,900**	**$3,027,800**
Importance Code A	$108,700	$362,800
Importance Code B	$1,257,200	$2,506,800
Importance Code C	$46,000	$158,200
Total	**$1,411,900**	**$3,027,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,800	$19,100	$28,700	
Interior Architecture	$4,300	$22,400	$10,500	$12,000
Electrical	$15,600	$33,300	$15,200	$14,100
Mechanical	$69,300	$102,100	$54,300	$34,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$104,900**	**$180,800**	**$112,600**	**$64,200**
Importance Code A	$11,800	$34,900	$44,800	$15,800
Importance Code B	$91,200	$146,000	$67,800	$48,400
Importance Code C	$1,900			
Total	**$104,900**	**$180,800**	**$112,600**	**$64,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$150,700	
Masonry: Brick	25%			LIFE	* *	5	$48,200	
Masonry: Brick	60%			LIFE	* *	5	$115,700	
Metal Panel	5%			2043	* *	5-10	$66,300	
Windows								
Aluminum	100%			2039	* *	5	$57,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,900	
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$4,700	
Copper/Terne	2%			2058	* *	5	$2,000	
Masonry: Brick	25%			LIFE	* *	5	$5,100	
Masonry: Brick	60%			LIFE	* *	5	$12,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,400	
Roof								
Built-Up (BUR)	60%	Now	$69,700	2028	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Between 1930 And 1997 Wings								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Third Floor Corridor Between 1930 And 1997 Wings								
Copper/Terne	5%			2051	* *	10	$10,600	
IRMA/Protected Membrane	35%	Now	$11,800	2028	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,200	
Ceramic Tile	2%			2032	* *	5	$4,800	
Ceramic Tile	3%			2026	$139,100	5	$7,200	
Quarry Tile	5%			2036	* *	5	$17,900	
Vinyl Tile	35%			2028	* *	3	$31,400	
Vinyl Tile	40%	0-2	$813,800	2033	* *	3	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Classrooms In 1930 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Classrooms In 1930 Wing								
Wood	10%			2038	* *	5	$44,900	

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2032	* *	5	$3,800	
Ceramic Tile	3%			2026	$158,200	5	$5,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$15,300	
Plaster	60%	Now	$46,000	LIFE	* *	5	$34,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$58,100	2036	* *	5	$44,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2036	* *	5	$23,900	
Embossed Metal	5%			LIFE	* *	5	$5,400	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$15,000	
Plaster	45%			LIFE	* *	5	$67,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1200 Amps Main Disconnect Switch For S S #1								
Fused Disc Sw	25%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For S S #2								
Fused Disc Sw	25%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$110,000	5	$300	
Fused Disc Sw	50%			2049	* *	5	$300	
Raceway								
Conduit	80%			2023	$198,000	1		
Conduit	20%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$200	
Fused Disc Sw	10%			2022	$22,400	5	$400	
Molded Case Bkrs	75%			2022	$168,200	5	$3,200	
Molded Case Bkrs	10%			2045	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2049	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,200	
Generic	50%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$49,200	
Generators								
Diesel	100%			2032	* *	1	$61,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Kva Caterpillar								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$35,600	
Fuel Storage								
Main Tank	100%			2051	* *	5	$4,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 112 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	5%			2028	* *	10	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Corridor								
Explanation : T-5 Lamps								
Fluorescent	92%			2028	* *	10	$134,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$38,300	10	$200	
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2023	$603,700	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$29,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 8,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$38,900	2036	* *	1	$142,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Controls For Oil Firing Not Working								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%	Now	$4,800	2039	* *	4	$2,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Heat Exchangers, Basement								
Steam Piping/Pump	70%	Now	$15,600	2043	* *	4	$5,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pumps								
Terminal Devices								
Air Handler	30%	Now	$12,900	2023	$258,600	1	$26,700	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Fan Room, Steam Coil								
Convector/Radiator	60%			2028	* *	1	$31,000	
Unit Heater-Stm/HW	10%			2028	* *	4	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2023	$162,800	1	$22,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ext Pkg Unit - Cooling	10%			2023	$73,800	2	$1,000	
Window/Wall Unit	10%			2018	$32,900	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2033	* *	4	$3,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%	Now	$5,100	2023	$101,900	1	$26,700	
Unbalanced System, Extent : Moderate, Area Affected : 15%								
Location : Hallways And Lobby								
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2023	$143,200	2	$33,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,100	
Exhaust Fans								
Interior	75%			2023	$132,500	2	$3,700	
Roof	25%	Now	$1,600	2023	$31,800	2	$1,000	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2043	* *	1		
Galv Iron/Steel	70%	Now	$6,700	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement Throughout								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Main Water Valves								
Water Heater								
Gas Fired	100%	Now	$1,900	2021	$37,200	2	$1,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Hot Water Circulation Pump Is Not Functioning								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 233 - BK

Asset # : 683

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
No Component	70%							
Generic	30%			2028	* *	1	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$80,600	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,200	
Fire Pump								
Generic	100%			2026	$118,400	1	$29,900	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 234 - BX TANDEM P. S. 129 - BX**		
Address	: **2050 PROSPECT AVENUE BTWN: EAST 179 ST., EAST 180 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X234**
Program / Asset #	: **BOE0316.000 / 374**	**Yr Built/Renovated**	: **1971 / 2011**
Area Sq Ft	: **129,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **31-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3109** **Lot** : **1**	**BIN**	: **2012957**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,128,600	$290,600
Interior Architecture	$386,300	$1,536,600
Electrical	$179,000	$1,421,300
Mechanical	$681,100	$550,800
Total	**$2,375,100**	**$3,799,300**
Importance Code A	$1,776,700	$332,600
Importance Code B	$509,800	$3,466,700
Importance Code C	$88,600	
Total	**$2,375,100**	**$3,799,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,900			
Interior Architecture	$64,100		$5,000	$19,900
Electrical	$1,800	$1,400	$2,400	$2,500
Mechanical	$43,800	$27,900	$43,900	$37,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$147,600**	**$33,300**	**$55,300**	**$63,500**
Importance Code A	$33,900	$13,200	$13,200	$13,200
Importance Code B	$103,900	$20,100	$42,100	$50,300
Importance Code C	$9,800			
Total	**$147,600**	**$33,300**	**$55,300**	**$63,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 234 - BX TANDEM P. S. 129 - BX
Asset # : 374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	25%			LIFE	* *	5	$306,500	
Masonry: Brick	75%			LIFE	* *	5	$183,900	
Windows								
Aluminum	99%			2042	* *	5	$26,200	
Metal Louvers	1%			2041	* *	10	$1,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	50%	Now	$20,800	LIFE	* *	5	$7,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Inside Face								
Pre-Cast Concrete	50%			LIFE	* *	5	$90,800	
Roof								
IRMA/Protected Membrane	100%	Now	$838,000	2036	* *			
Debris Present, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$20,700	LIFE	* *	5	$43,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%			2029	* *	5	$10,000	
Vinyl Tile	60%	Now	$50,800	2026	$1,016,700	3	$44,800	
Loose Units, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%			2021	$439,000	3	$19,900	
Wood	5%			2041	* *	5	$18,700	
Interior Walls								
Concrete Masonry Unit	5%	2-4	$9,800	LIFE	* *	5	$3,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Plaster	55%			LIFE	* *	5-10	$82,400	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$35,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 234 - BX TANDEM P. S. 129 - BX
Asset # : 374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	20%	Now	$74,100	2039	* *	5	$19,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	30%	0-2	$96,600	2039	* *	5	$37,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$16,100	2031	* *	5	$10,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	35%			LIFE	* *	5-10	$87,100	
Metal Panel	5%			LIFE	* *	5	$24,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$175,900	5	$500	
Fused Disc Sw	10%			2046	* *	5	$100	
Raceway								
Conduit	10%			2036	* *	1		
Conduit	90%			2026	$187,800	1		
Panelboards								
Fused Disc Sw	10%			2025	$22,400	5	$300	
Fused Disc Sw	5%			2034	* *	5	$100	
Molded Case Bkrs	30%			2034	* *	5	$1,000	
Molded Case Bkrs	55%			2025	$123,300	5	$1,900	
Wiring								
Braided Cloth	60%	2-4	$179,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Thermoplastic	30%			2026	$89,500	1		
Motor Controllers								
Locally Mounted	90%			2024	$103,600	5	$800	
Locally Mounted	10%			2031	* *	5	$100	
Ground								

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DEPARTMENT OF EDUCATION - 040
P. S. 234 - BX TANDEM P. S. 129 - BX
Asset # : 374

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Meter Room								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$122,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2026	$89,800	10	$16,100	
Exit, LED	5%			2054	* *	1		
Exit, Service	45%			2026	$16,200	1		
Exterior Lighting								
HID	100%			2021	$487,200	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$14,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement, Toilets								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$41,200	
Conversion Equipment								
Steam Boiler	100%	2-4	$648,200	2046	* *	1	$118,700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : 2 Boilers								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$9,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - BX TANDEM P. S. 129 - BX

Asset # : 374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2031	* *	1	$16,500	
Convector/Radiator	70%	Now	$17,600	2031	* *	1	$27,100	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Fan Coil Unit/Heat	10%			2026	$199,400	1	$4,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$219,000	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$21,700	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2034	* *	1	$8,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Covers Auditorium								
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2031	* *	2	$9,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$117,500	
Exhaust Fans								
Interior	90%			2026	$132,500	2	$3,700	
Roof	10%	Now	$2,100	2026	$10,600	2	$300	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$13,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 234 - BX TANDEM P. S. 129 - BX
Asset # : 374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar : 4th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,900	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 234 - M**
Address : **292 GREENWICH STREET BTWN: WARREN ST., CHAMBERS ST.**
Borough : **MANHATTAN** | **Agency's Number** : **M234**
Program / Asset # : **BOE0121.000 / 1643** | **Yr Built/Renovated** : **1988 /**
Area Sq Ft : **84,803** | **Project Type** : **EDUCATION**
Date of Survey : **12-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **142** **Lot** : **1** | **BIN** : **1001533**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$364,400	$92,600
Interior Architecture	$232,600	$123,100
Electrical		$1,696,000
Mechanical		$784,400
Total	**$597,000**	**$2,696,100**
Importance Code A	$364,400	$92,600
Importance Code B	$35,500	$2,515,900
Importance Code C	$197,100	$87,600
Total	**$597,000**	**$2,696,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,200		$4,700	
Interior Architecture	$85,600		$39,400	$3,100
Electrical	$8,700	$7,200	$13,700	$7,200
Mechanical	$62,000	$32,600	$27,300	$31,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$210,500**	**$43,700**	**$89,100**	**$45,800**
Importance Code A	$50,200		$7,200	
Importance Code B	$150,600	$43,700	$81,800	$45,800
Importance Code C	$9,700			
Total	**$210,500**	**$43,700**	**$89,100**	**$45,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%	Now	$82,900	LIFE	* *	5	$12,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Masonry: Brick Cavity	65%	Now	$196,300	LIFE	* *	5	$52,400	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%								
Location : North Entrance								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Hallway Near Stair B On First Floor, Rooms 220 And 222								
Metal Panel	10%			2046	* *	5-10	$55,400	
Windows								
Aluminum	90%			2042	* *	5	$18,500	
Glass Block	10%			LIFE	* *	5	$2,600	
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5-10	$23,600	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$23,600	
Metal Panel	5%			2052	* *	5	$1,700	
Metal Rail	5%			2039	* *	5-10	$7,800	
Roof								
Copper/Terne	5%			2054	* *	10	$10,500	
IRMA/Protected Membrane	70%	Now	$46,800	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Room 311								
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : Snow Covered								
Metal Panel	25%			2039	* *	10	$38,400	
Interior								
Floors								
Cast in Place Concrete	13%			LIFE	* *	5	$71,000	
Ceramic Tile	5%			2035	* *	5	$6,200	
Terrazzo	2%			LIFE	* *	5	$3,900	
Vinyl Tile	75%			2031	* *	3	$35,100	
Wood	5%			2054	* *	5	$11,700	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$19,500	
Gypsum Board	60%			LIFE	* *	5-10	$248,200	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$36,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%			2039	* *	5	$43,700	
AcousTileSusp.Lay-In	25%			2031	* *	5	$31,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 311								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Exposed Concrete	25%			LIFE	* *	5-10	$39,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,500	
Gypsum Board	10%			LIFE	* *	5-10	$42,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 4000 Amperes								
Transformers								
Dry Type	100%			2031	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 1- 15 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	90%			2034	* *	5	$2,000	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	* *	5	$100	
Motor Control Center	90%			2031	* *	5	$2,100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe, Point Of Contact Not Visible, Covered With Insulation								
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$26,100	
Generators								
Diesel	100%			2029	* *	1	$32,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Generator Rated @ 150 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,100	
Fuel Storage								
Day Tank	50%			2034	* *	5	$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 25 Gallons Capacity								
Main Tank	50%			2041	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 300 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$923,100	10	$76,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	1%			2026	$9,400	10	$800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2026	$6,800	10		
Egress Lighting								
Emergency, Service	50%			2026	$20,900	1		
Exit, Service	50%			2026	$11,400	1		
Exterior Lighting								
HID	100%			2026	$320,300	10	$300	
Alarm								
Security System								
No Component	60%							
Generic	40%			2026	$102,600	1	$12,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : 5 - CCTV Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$263,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, And Alarm Bells , Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2036	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Con Edison Supplies Steam. Could Not Find Any Air Vent For Gas Meter Room								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2029	* *	5	$5,000	
Distribution								
Steam Piping/Pump	100%	0-2	$11,800	2036	* *	4	$4,200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : Steam Room, Basement								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Steam Room, Basement								
Terminal Devices								
Air Handler	20%			2026	$91,500	1	$10,500	
Convector/Radiator	80%			2039	* *	1	$21,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	85%			2026	$244,700	1	$33,400	
R-22 Refrigerant, Extent : Light, Area Affected : 85%								
Location : Chiller Room, Penthouse								
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	85%	0-2	$6,000	2046	* *	4	$3,600	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Chiller Room, Penthouse								
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2026	$260,300	1	$44,600	
No Component	15%							
Heat Rejection								
Air Condenser Unit	85%			2026	$122,400	2	$50,200	
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,900	
Exhaust Fans								
Interior	70%			2026	$65,600	2	$1,800	
Roof	30%			2026	$20,200	2	$800	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - M

Asset # : 1643

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2046	* *	1		
Galv Iron/Steel	10%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$8,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$42,800	
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$3,600	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 234 - Q**		
Address	: **30-15 29TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q234**
Program / Asset #	: **BOE1033.000 / 13586**	**Yr Built/Renovated**	: **2003 / 2011**
Area Sq Ft	: **121,794**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **592** **Lot** : **15**	**BIN**	: **4007619**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$137,900	$94,900
Interior Architecture	$237,500	$151,700
Electrical	$111,700	
Total	**$487,100**	**$246,600**
Importance Code A	$137,900	$94,900
Importance Code B	$229,700	$112,800
Importance Code C	$119,500	$38,900
Total	**$487,100**	**$246,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$14,700	$11,100
Interior Architecture	$18,200	$6,400	$8,500	$18,200
Electrical	$14,800	$12,600	$28,500	$20,700
Mechanical	$63,500	$44,600	$89,400	$52,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$104,400**	**$71,400**	**$149,000**	**$110,800**
Importance Code A	$12,100	$12,100	$27,000	$23,200
Importance Code B	$92,400	$57,500	$122,000	$87,600
Importance Code C		$1,900		
Total	**$104,400**	**$71,400**	**$149,000**	**$110,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	23%			LIFE	* *	5	$18,200	
Masonry: Brick	75%			LIFE	* *	5	$94,900	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Repointing Throughout, 2011								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Penthouse								
Pre-Cast Concrete	2%			LIFE	* *	5	$8,200	
Windows								
Aluminum	95%			2040	* *	5	$22,300	
Glass Block	3%			LIFE	* *	5	$400	
Metal Louvers	2%			2033	* *	10	$2,900	
Parapets								
Masonry: Brick	95%	2-4	$79,300	LIFE	* *	5	$13,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$58,700	
Modified Bitumen	20%			2029	* *	10	$14,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over First Floor Classrooms								
Explanation : Covered With Rubber Pads								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$39,900	
Ceramic Tile	5%			2033	* *	5	$9,100	
Vinyl Tile	80%			2029	* *	3	$72,900	
Wood	5%			2059	* *	5	$17,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium, 2011								
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$3,700	
Concrete Masonry Unit	35%			LIFE	* *	5	$25,900	
Gypsum Board	35%			LIFE	* *	5	$38,900	
Operable Wall	3%	Now	$119,500	2044	* *	5	$9,700	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	80%	4+	$118,000	2037	* *	5	$72,900	
Loose/Delam Surface, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Main Office And Custodian Office								
Exposed Struc: Steel	10%			LIFE	* *			
Fiber Board	10%			2029	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$300	
Molded Case Bkrs	90%			2040	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$37,500	
Generators								
Diesel	100%			2033	* *	1	$47,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 275 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$27,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2040	* *	5	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Penthouse								
Explanation : One 100 Gals								
Main Tank	50%			2052	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	94%			2029	* *	10	$105,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2029	* *	10	$6,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Gymnasium & Lobby								
Egress Lighting								
Emergency, Service	60%			2029	* *	1		
Exit, Service	40%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$13,700	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$30,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$120,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$6,000	
Terminal Devices								
Air Handler	40%			2029	* *	1	$30,100	
Convector/Radiator	20%			2037	* *	1	$7,900	
Fan Coil Unit/Heat	40%			2029	* *	1	$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling On Every Level								
Explanation : Variable Air Volume Boxes								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$56,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$6,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$75,300	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$84,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	
Exhaust Fans								
Interior	40%			2029	* *	2	$1,500	
Roof	60%			2029	* *	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$28,300	2	$1,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 234 - Q

Asset # : 13586

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$63,700	
Sprinkler								
Generic	100%			2044	* *	1-2	$34,100	
Fire Pump								
Generic	100%			2033	* *	1	$22,700	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 235 - BK**				
Address	: **525 LENOX ROAD BTWN: EAST 39 ST., EAST 40 ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K235**	
Program / Asset #	: **BOE0530.000 / 2550**		**Yr Built/Renovated**	: **1930 / 2001**	
Area Sq Ft	: **66,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Nov-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **4844**	**Lot** : **1**	**BIN**	: **3107846**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$117,100	$115,700
Interior Architecture	$467,200	$222,700
Electrical	$121,700	$786,800
Mechanical		$1,180,900
Total	**$706,000**	**$2,306,000**
Importance Code A	$117,100	$152,700
Importance Code B	$544,000	$2,153,300
Importance Code C	$44,900	
Total	**$706,000**	**$2,306,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,700			
Interior Architecture	$50,300		$5,700	$5,100
Electrical	$1,900	$700	$1,000	$1,400
Mechanical	$42,000	$9,600	$15,800	$9,600
Total	**$146,900**	**$10,300**	**$22,500**	**$16,000**
Importance Code A	$59,400	$6,700	$6,700	$6,700
Importance Code B	$82,400	$3,600	$13,300	$9,300
Importance Code C	$5,100		$2,600	
Total	**$146,900**	**$10,300**	**$22,500**	**$16,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,100	
Masonry: Brick	90%			LIFE	* *	5	$124,800	
Masonry: Granite	5%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2042	* *	5	$24,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$14,800	
Masonry: Brick	90%			LIFE	* *	5-10	$64,100	
Metal Panel	5%			2046	* *	5	$2,000	
Roof								
Built-Up (BUR)	93%			2031	* *	10	$53,300	
Copper/Terne	5%			2054	* *	10	$7,200	
Skylight, Metal/Glass	2%			2036	* *	10	$3,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$44,300	
Ceramic Tile	5%			2035	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	25%			2034	* *	3	$9,500	
Vinyl Tile	20%			2026	$172,300	3	$10,100	
Wood	10%	Now	$334,200	2066	* *	5	$9,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 35% *Location : Gymnasium* *Split/Cracked, Extent : Moderate, Area Affected : 50%* *Location : Gymnasium* *Worn/Eroded, Extent : Moderate, Area Affected : 35%* *Location : Gymnasium*								
Wood	25%			2041	* *	5	$47,500	
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$5,100	
Masonry: Brick	10%			LIFE	* *	10	$3,100	
Marble Panels	5%			LIFE	* *	10	$2,000	
Plaster	80%			LIFE	* *	5-10	$69,400	
Ceilings								
AcousTileConcealSpLn	5%			2031	* *	5	$6,300	
Exposed Concrete	15%			LIFE	* *	5-10	$18,900	
Plaster	80%			LIFE	* *	5-10	$138,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$132,000	5	$300	
Molded Case Bkrs	10%			2036	* *	5	$200	
Raceway								
Conduit	75%			2026	$92,900	1		
Conduit	25%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	70%			2025	$94,200	5	$1,200	
Molded Case Bkrs	20%			2034	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2036	* *	1		
Motor Controllers								
Locally Mounted	80%			2031	* *	5	$400	
Locally Mounted	20%			2024	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$60,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$45,700	10	$8,200	
Exit, Service	50%			2026	$9,100	1		
Exterior Lighting								
HID	100%			2021	$249,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$59,900	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,500	2026	$472,700	4	$3,300	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump								
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 5%								
Location : F & T Traps								
Terminal Devices								
Air Handler	20%			2021	$73,000	1	$8,400	
Convector/Radiator	80%			2024	$511,600	1	$17,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2021	$48,700	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,800	
Exhaust Fans								
Interior	100%			2021	$74,800	2	$2,100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK

Asset # : 2550

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%	Now	$800	2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main In Basement Boiler Room								
Water Heater								
Gas Fired	100%			2024	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$23,700	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 235 - BK MINISCHOOL**		
Address	: **525 LENOX RD. BTWN: EAST 39 ST., EAST 40 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K835**
Program / Asset #	: **BOE0530.010 / 2872**	**Yr Built/Renovated**	: **1991 /**
Area Sq Ft	: **16,796**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **4844** **Lot** : **1**	**BIN**	: **3107846**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$102,500	$241,300
Electrical		$253,200
Mechanical		$291,600
Total	**$102,500**	**$786,100**
Importance Code A	$102,500	$241,300
Importance Code B		$544,800
Total	**$102,500**	**$786,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$29,800		$13,700	$1,200
Electrical	$400	$200	$400	$200
Mechanical	$15,900	$8,900	$7,200	$13,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$50,100**	**$13,000**	**$25,300**	**$18,600**
Importance Code A	$700	$1,100	$600	$1,100
Importance Code B	$25,800	$11,900	$24,700	$17,000
Importance Code C	$23,600			$600
Total	**$50,100**	**$13,000**	**$25,300**	**$18,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 235 - BK MINISCHOOL
Asset # : 2872

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2046	* *	5-10	$241,300	
Windows								
Aluminum	100%	Now	$45,000	2042	* *	5	$2,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Metal Panel	100%			2046	* *	5	$26,500	
Roof								
IRMA/Protected Membrane	10%			2026	$27,800	10	$3,500	
Metal Panel	90%			2039	* *	10	$57,500	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$1,300	
Quarry Tile	5%			2039	* *	5	$1,900	
Vinyl Tile	90%			2031	* *	3	$8,600	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$1,100	
Gypsum Board	95%			LIFE	* *	5-10	$36,500	
Ceilings								
AcousTileSusp.Lay-In	80%			2039	* *	5	$19,800	
Metal Panel	20%			LIFE	* *	5	$12,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside The Building								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Molded Case Bkrs	100%			2034	* *	5	$400	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 235 - BK MINISCHOOL
Asset # : 2872

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$189,800	10	$15,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2026	$11,500	10	$2,100	
Exit, Service	50%			2026	$2,300	1		
Exterior Lighting								
HID	100%			2026	$63,400	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$15,200	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	30%			2046	* *	1		
Natural Gas	70%			2036	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Gas Meter Room								
Explanation : An Electrical Heater Is Located Inside The Gas Meter Room - It Should Not Be Here - Dangerous Condition								
Conversion Equipment								
Furnace	70%	Now	$700	2026	$14,600	1	$5,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : The Louvers Of Furnace Are Inoperable, Penthouse								
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Exterior Unit For Cafeteria								
Other Observation, Extent : Light, Area Affected : 70%								
Location : 2 Interiors, Penthouse; 1 Exterior								
Explanation : 3 Units								
Radiant Heater	30%			2026	$22,600	2	$2,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 235 - BK MINISCHOOL

Asset # : 2872

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Induction Unit	30%			2029	* *	1	$1,700	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$58,000	1	$7,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Roof								
Terminal Devices								
Fan Coil - Cooling	100%			2026	$131,500	1	$5,500	
Heat Rejection								
Remote Air Cond	100%			2026	$102,100	2	$11,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,100	
Exhaust Fans								
Interior	90%			2026	$17,000	2	$500	
Roof	10%			2026	$1,400	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$4,000	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1 - 2								
Explanation : 1 Unit								
Fire Suppression								
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 236 - BK**		
Address	: **6302 AVENUE U BTWN: EAST 63 ST., EAST 64 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K236**
Program / Asset #	: **BOE0531.000 / 2551**	**Yr Built/Renovated**	: **1933 / 2011**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **8464** **Lot** : **1**	**BIN**	: **3326821**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$654,500	$548,700
Interior Architecture	$1,290,900	$140,900
Electrical	$130,400	$958,300
Mechanical		$180,400
Total	**$2,075,800**	**$1,828,300**
Importance Code A	$654,500	$567,200
Importance Code B	$1,094,000	$1,261,100
Importance Code C	$327,300	
Total	**$2,075,800**	**$1,828,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$90,700		$4,600	
Interior Architecture	$100,600			$9,500
Electrical	$23,900	$600	$800	$1,400
Mechanical	$77,800	$13,200	$20,600	$13,600
Total	**$292,900**	**$13,800**	**$26,000**	**$24,400**
Importance Code A	$98,500	$7,800	$12,400	$7,800
Importance Code B	$181,200	$5,900	$13,600	$16,600
Importance Code C	$13,200			
Total	**$292,900**	**$13,800**	**$26,000**	**$24,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	$325,400	LIFE	* *	5	$35,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%			LIFE	* *	5	$43,100	
Masonry: Granite	5%			LIFE	* *	5	$5,400	
Masonry: Limestone	13%			LIFE	* *	5	$14,000	
Metal Panel	2%			2046	* *	5-10	$9,900	
Windows								
Aluminum	100%			2042	* *	5	$26,800	
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$26,000	
Masonry: Brick	65%	Now	$170,900	LIFE	* *	5	$9,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$23,800	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%			2046	* *	5	$2,900	
Roof								
Built-Up (BUR)	50%	0-2	$38,300	2026	$191,400			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : 1933 Wing								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : 1933 Wing								
Copper/Terne	2%			2041	* *	10	$4,200	
IRMA/Protected Membrane	45%	Now	$119,900	2026	$299,800			
Insul Deter/Miss, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	3%			2039	* *	10	$4,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,100	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$34,400	2029	* *	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Mosaic Tile	1%	Now	$70,700	2046	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Quarry Tile	5%	Now	$8,500	2039	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$9,200	
Vinyl Tile	10%	Now	$5,000	2026	$100,500	3	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	54%	Now	$542,800	2036	* *	3	$23,900	
Adhesion Failure, Extent : Moderate, Area Affected : 70%								
Location : Corridors In 1933 Wing								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Corridors In 1933 Wing								
Wood	15%	Now	$175,500	2041	* *	5	$16,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$37,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	Now	$39,400	2035	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$13,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$46,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	47%	Now	$134,700	LIFE	* *	5	$16,800	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$69,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	Now	$2,700	2031	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
AcousTileConcealSpLn	20%	Now	$9,500	2031	* *	5	$14,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2031	* *	5	$5,900	
Exposed Concrete	10%			LIFE	* *	5-10	$14,700	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,700	
Plaster	55%	Now	$169,600	LIFE	* *	5	$40,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$132,000	5	$300	
Fused Disc Sw	10%			2046	* *	5		
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	15%			2025	$20,200	5	$300	
Fused Knife Sw	5%	2-4	$6,700	2051	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	65%			2025	$87,400	5	$1,300	
Molded Case Bkrs	15%			2042	* *	5	$300	
Wiring								
Braided Cloth	75%	2-4	$130,400	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	60%			2024	$45,300	5	$300	
Locally Mounted	20%	2-4	$15,100	2046	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	20%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$72,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Auditorium Stage								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$53,300	10	$9,500	
Exit, Service	50%			2026	$10,700	1		
Exterior Lighting								
HID	100%			2021	$290,800	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,800	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$159,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : One Tank Of 9,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$27,600	2046	* *	4	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement, Vacuum Pump								
Terminal Devices								
Air Handler	20%			2031	* *	1	$9,800	
Convector/Radiator	60%	Now	$9,000	2039	* *	1	$13,800	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor								
Fan Coil Unit/Heat	20%	Now	$4,700	2031	* *	1	$4,600	
Broken, Extent : Moderate, Area Affected : 2%								
Location : 3nd Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BK

Asset # : 2551

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2031	* *	1	$7,300	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Chiller Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit For Auditorium And Cafeteria								
Window/Wall Unit	60%			2021	$97,400	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2036	* *	4	$800	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	* *	1	$9,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,700	
Exhaust Fans								
Interior	95%			2026	$82,900	2	$2,300	
Roof	5%			2026	$3,100	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

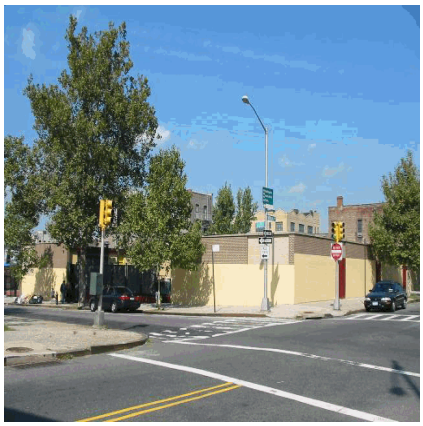
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 236 - BX**
Address : **499 EAST 175 STREET @BATHGATE AVENUE**
Borough : **BRONX** **Agency's Number** : **X236**
Program / Asset # : **BOE0317.000 / 375** **Yr Built/Renovated** : **1971 / 2008**
Area Sq Ft : **9,000** **Project Type** : **EDUCATION**
Date of Survey : **19-Oct-2011** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **2917** **Lot** : **40** **BIN** : **2009572**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$60,200	
Interior Architecture		$29,600
Electrical	$98,000	$114,100
Mechanical		$194,700
Total	**$158,200**	**$338,300**
Importance Code A	$60,200	
Importance Code B	$98,000	$338,300
Total	**$158,200**	**$338,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$30,600		$1,200	$400
Electrical	$600	$56,300	$400	$500
Mechanical	$1,000	$300	$1,400	$300
Total	**$32,200**	**$56,700**	**$3,000**	**$1,300**
Importance Code A	$700	$200	$700	$100
Importance Code B	$4,200	$56,500	$2,300	$1,100
Importance Code C	$27,300			
Total	**$32,200**	**$56,700**	**$3,000**	**$1,300**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 375

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$1,100	
Masonry: Brick	50%			LIFE	* *	5	$1,700	
Windows								
Steel	100%	Now	$60,200	2048	* *	5	$7,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5	$1,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$1,300	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2033	* *	10	$18,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$700	
Vinyl Tile	25%	Now	$3,000	2023	$29,600	3	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	70%			2028	* *	3	$3,700	
Interior Walls								
Concrete Masonry Unit	100%	Now	$27,300	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$2,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 600 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 375

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$48,900	5		
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2022	$2,200	5		
Molded Case Bkrs	90%			2022	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2023	$18,500	1		
Motor Controllers								
Motor Control Center	100%			2021	$1,400	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2018	$98,000	10	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2018	$5,200	2		
Egress Lighting								
Emergency, Battery	50%			2018	$6,300	10	$1,100	
Exit, Service	50%			2018	$1,300	1		
Exterior Lighting								
HID	100%			2018	$34,000	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2023	$65,300	1-3	$4,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Furnace	30%			2023	$3,400	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit As Part Of Central A C								
Radiant Heater	70%			2023	$28,600	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 12 Baseboard Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 236 - BX

Asset # : 375

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,600	
No Component	70%							
Terminal Devices								
Fan Coil Unit/Heat	70%			2023	$97,400	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Electric Units								
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	30%			2021	$97,300	2	$200	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,600	
No Component	70%							
Exhaust Fans								
Interior	30%			2023	$3,100	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Electric	100%			2021	$1,400	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 238 - BK**		
Address	: **1633 EAST 8 STREET BTWN: AVE. P, QUENTIN RD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K238**
Program / Asset #	: **BOE0532.000 / 1325**	**Yr Built/Renovated**	: **1931 / 2002**
Area Sq Ft	: **88,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6640** **Lot** : **13**	**BIN**	: **3176229**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$268,800	$129,100
Interior Architecture	$463,900	$493,800
Electrical	$230,000	$1,040,300
Mechanical	$42,600	$1,711,500
Total	**$1,005,300**	**$3,374,700**
Importance Code A	$268,800	$166,100
Importance Code B	$670,200	$3,208,600
Importance Code C	$66,300	
Total	**$1,005,300**	**$3,374,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,700		$16,300	
Interior Architecture	$45,700		$9,300	$4,200
Electrical	$2,100	$700	$1,000	$1,700
Mechanical	$59,800	$14,900	$21,200	$12,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$128,200**	**$19,500**	**$51,700**	**$22,500**
Importance Code A	$25,600	$8,900	$25,300	$8,900
Importance Code B	$63,000	$10,600	$23,100	$13,600
Importance Code C	$39,600		$3,400	
Total	**$128,200**	**$19,500**	**$51,700**	**$22,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$101,100	
Masonry: Brick	85%	Now	$118,500	LIFE	* *	5	$78,500	
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Window Lintels								
Water Penetration, Extent : Moderate, Area Affected : 6%								
Location : North East Facade Adjacent To Elevator Addition								
Masonry: Limestone	8%			LIFE	* *	5	$11,100	
Windows								
Aluminum	100%			2034	* *	5	$32,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$19,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Street Facade								
Explanation : Cornice								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$39,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Coping Except Cornice								
Explanation : Coping								
Copper/Terne	5%			2046	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Atop Cornice								
Explanation : Cap								
Masonry: Brick	70%			LIFE	* *	5-10	$66,500	
Metal Panel	10%			2052	* *	5	$5,400	
Roof								
Copper/Terne	5%			2041	* *	10	$9,600	
Modified Bitumen	95%	Now	$8,500	2031	* *			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : North West Corner								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Blower Room In Basement From Roof Drain Above								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	0-2	$39,300	2022	$130,900	5	$3,400	
Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
Location : Boys & Girls Bathrooms Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boys & Girls Bathrooms								
Explanation : Moldy / Corroded								
Sheet Vinyl/Rubber	5%			2031	* *	5	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Floor								
Terrazzo	5%			LIFE	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 1st Floor Entrance								
Traffic Topping	5%	0-2	$83,800	2036	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Stairs								
Vinyl Tile	20%	Now	$46,000	2026	$229,800	3	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : 1st Fl Corridor								
Vinyl Tile	35%			2031	* *	3	$17,700	
Vinyl Tile 9" X 9"	5%			2021	$74,400	3	$3,400	
Wood	20%	4+	$89,100	2041	* *	5	$25,300	
Deflection Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$6,800	
Glass: Single Pane	5%	4+	$4,100	LIFE	* *	5	$5,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Stairwells								
Masonry: Brick	25%	Now	$66,300	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corner Columns In Gymnasium								
Marble Panels	5%			LIFE	* *	10	$2,700	
Plaster	60%	2-4	$32,700	LIFE	* *	5	$24,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$6,700	
Exposed Concrete	25%			LIFE	* *	5-10	$41,900	
Plaster	70%			LIFE	* *	5-10	$161,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2025	$35,900	5	$400	
Molded Case Bkrs	70%			2025	$125,600	5	$1,600	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$81,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	40%			2026	$48,700	10	$8,700	
Emergency, Battery	10%			2031	* *	10	$2,200	
Exit, Service	40%			2026	$9,700	1		
Exit, Service	10%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$332,400	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$53,200	1	$6,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 7500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$89,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	20%			2046	* *	4	$1,300	
Steam Piping/Pump	80%			2026	$504,200	4	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2031	* *	1	$11,200	
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Basement Fan Room, Blower Fan And Motor Have Been Upgraded								
Convector/Radiator	5%	0-2	$42,600	2046	* *	1	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Throughout, Defective Climate Controls System, Defective Steam Traps								
Convector/Radiator	45%			2024	$383,700	1	$13,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	30%			2021	$405,500	1	$8,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	76%			2024	$141,000	1		
Window/Wall Unit	4%	0-2	$7,400	2026	$7,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$79,700	
Exhaust Fans								
Interior	100%			2031	* *	2	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Basement Fan Room, The Exhaust Fans And Fan Motoors Have Been Upgraded								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$269,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$21,000	2	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gal Heater Unit								
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	5%	0-2	$9,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Near Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 238 - BK

Asset # : 1325

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : One Unit								
custoodian Complains About The Reliability Of The Unit.								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 239 - Q**		
Address	: **17-15 WEIRFIELD STREET @ CYPRESS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q239**
Program / Asset #	: **BOE1034.000 / 13587**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **117,001**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3561** **Lot** : **1**	**BIN**	: **4435561**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$193,200	$150,200
Interior Architecture	$60,200	$74,400
Electrical	$105,200	$10,500
Mechanical	$61,300	
Total	**$419,900**	**$235,200**
Importance Code A	$193,200	$160,700
Importance Code B	$226,700	$74,400
Total	**$419,900**	**$235,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,900		$12,000	
Interior Architecture	$21,900	$1,300	$8,200	$64,000
Electrical	$14,200	$12,100	$29,300	$19,900
Mechanical	$59,800	$42,800	$86,000	$50,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$138,600**	**$64,100**	**$143,400**	**$142,500**
Importance Code A	$46,500	$11,600	$23,800	$11,600
Importance Code B	$92,200	$51,100	$119,600	$130,900
Importance Code C		$1,300		
Total	**$138,600**	**$64,100**	**$143,400**	**$142,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$108,700	
Repairs in Progress, Extent : Light, Area Affected : 15%								
Location : North Wall								
Metal Panel	2%			2044	* *	5-10	$17,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$41,600	
Window Wall	3%			2044	* *	5	$14,400	
Windows								
Aluminum	93%	Now	$136,400	2040	* *	5	$8,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : 2nd - 4th Floor Corridors								
Water Penetration, Extent : Light, Area Affected : 25%								
Location : 2nd - 4th Floor Corridors								
Glass Block	5%			LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Stair 3								
Explanation : Repairs In Progress								
Metal Louvers	2%			2033	* *	10	$2,200	
Parapets								
Masonry: Brick	80%	Now	$56,900	LIFE	* *	5	$9,900	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Metal: Cage/Fence	10%			2037	* *	5-10	$9,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$7,700	
Roof								
Built-Up (BUR)	97%	Now	$29,300	2029	* *			
Drains Inad/Misposn, Extent : Light, Area Affected : 20%								
Location : Over Room 418 And Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 418 And Below Generator								
Skylight, Plastic	3%			2029	* *	1		
Interior								
Floors								
Carpet	2%			2020	$44,700	3	$7,000	
Cast in Place Concrete	5%			LIFE	* *	5	$19,200	
Ceramic Tile	3%			2027	* *	5	$5,300	
Terrazzo	5%			LIFE	* *	5	$6,800	
Vinyl Tile	80%			2029	* *	3	$70,000	
Wood	5%			2039	* *	5	$16,400	
Interior Walls								
Ceramic Tile	2%			2033	* *	5	$2,700	
Concrete Masonry Unit	65%			LIFE	* *	5	$35,000	
Glass Block	2%			LIFE	* *			
Glass: Single Pane	3%			LIFE	* *	5	$3,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$16,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	0-2	$60,200	2037	* *	5	$74,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 418 And Library								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$10,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2024	$10,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Fused Disc Sw	25%			2044	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Diasconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$400	
Molded Case Bkrs	85%			2040	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$36,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2033	* *	1	$45,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$26,100	
Fuel Storage								
Day Tank	50%			2040	* *	5	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 75 Gals								
Main Tank	50%			2052	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fuel Storage Room Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	93%			2029	* *	10	$99,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2029	* *	10	$5,400	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Auditorium								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$3,400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$13,100	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$29,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 5,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$115,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$5,800	
Terminal Devices								
Air Handler	35%			2029	* *	1	$25,300	
Convector/Radiator	30%			2037	* *	1	$11,300	
Fan Coil Unit/Heat	35%	0-2	$61,300	2029	* *	1	$11,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Various Classrooms, V A V Boxes Are Malfunctioning								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : V A V Boxes In The Ductwork For Each Space								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$54,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Equipment Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$5,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$72,400	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$81,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,200	
Exhaust Fans								
Interior	60%			2029	* *	2	$2,200	
Roof	40%			2029	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2022	$27,200	2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 239 - Q

Asset # : 13587

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C,1,2,3,4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$61,200	
Sprinkler								
Generic	100%			2044	* *	1-2	$32,800	
Fire Pump								
Generic	100%			2033	* *	1	$21,900	
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 24 - BX**				
Address	: **660 WEST 236 STREET @ INDEPENDENCE AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X024**
Program / Asset #	: **BOE0171.000 / 501**			**Yr Built/Renovated**	: **1953 / 2010**
Area Sq Ft	: **96,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **26-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**				
Block	: **5917**	**Lot**	: **140**	**BIN**	: **2085869**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$900,800	$348,600
Interior Architecture	$626,600	$313,300
Electrical	$818,000	$758,100
Mechanical	$68,800	$915,200
Total	**$2,414,200**	**$2,335,200**
Importance Code A	$900,800	$853,900
Importance Code B	$1,513,400	$1,481,400
Total	**$2,414,200**	**$2,335,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$17,400	$7,400	
Interior Architecture	$12,000	$36,800		$4,600
Electrical	$3,400	$15,100	$2,200	$2,200
Mechanical	$14,600	$61,000	$22,200	$13,600
Total	**$30,000**	**$130,200**	**$31,800**	**$20,400**
Importance Code A	$9,800	$27,300	$17,200	$9,800
Importance Code B	$16,500	$102,900	$14,600	$10,600
Importance Code C	$3,700			
Total	**$30,000**	**$130,200**	**$31,800**	**$20,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$67,400	
Masonry: Limestone	5%			LIFE	* *	5	$2,700	
Windows								
Aluminum	50%			2039	* *	5	$14,800	
Glass Block	2%			LIFE	* *	5	$400	
Wood	48%			2045	* *	5	$142,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1963 Wing								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$24,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Roof								
Built-Up (BUR)	33%	Now	$42,000	2023	$210,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium, Gymnasium								
Copper/Terne	5%			2038	* *	10	$17,400	
IRMA/Protected Membrane	60%	Now	$664,500	2033	* *			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 25%								
Location : Over Main Wing								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Over Main Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 212, 213								
Skylight, Metal/Glass	2%	Now	$123,100	2033	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$25,800	
Ceramic Tile	5%			2032	* *	5	$7,400	
Terrazzo	2%			LIFE	* *	5	$2,300	
Vinyl Tile	50%			2018	$626,600	3	$27,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	25%			2023	$313,300	3	$18,400	
Wood	10%			2038	* *	5	$27,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$7,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$26,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	15%			2028	* *	5	$27,500	
Exposed Concrete	50%			LIFE	* *	5	$11,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 213, 213								
Plaster	35%			LIFE	* *	5	$32,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Roof Stair								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2023	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	25%			2043	* *	5	$100	
Fused Knife Sw	75%	2-4	$128,300	2053	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Molded Case Bkrs	90%			2022	$161,400	5	$2,300	
Wiring								
Braided Cloth	80%	2-4	$204,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2036	* *	5	$200	
Locally Mounted	70%			2021	$52,900	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	97%			2028	* *	10	$87,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2028	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$11,900	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$362,600	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2018	$397,700	1-3	$23,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$242,500	5	$30,500	
Conversion Equipment								
Steam Boiler	100%			2021	$479,400	1	$97,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$68,800	2033	* *	4	$4,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$106,200	1	$12,200	
Convector/Radiator	80%			2028	* *	1	$25,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 24 - BX

Asset # : 501

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2018	$20,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,900	
Exhaust Fans								
Interior	80%			2023	$87,100	2	$2,400	
Roof	20%			2023	$15,700	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,900	2	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 241 - BK**				
Address	: **976 PRESIDENT STREET BTWN: CLASSON AVE., FRANKLIN AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K241**
Program / Asset #	: **BOE0535.000 / 2545**			**Yr Built/Renovated**	: **1931 / 1999**
Area Sq Ft	: **66,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **1188**	**Lot**	: **1**	**BIN**	: **3029702**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$110,600	$113,300
Interior Architecture	$132,900	$407,000
Electrical	$370,400	$601,600
Mechanical		$1,291,300
Total	**$613,800**	**$2,413,200**
Importance Code A	$110,600	$150,400
Importance Code B	$464,000	$2,262,800
Importance Code C	$39,300	
Total	**$613,800**	**$2,413,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$83,200		$12,200	
Interior Architecture	$58,700		$1,300	$6,300
Electrical	$1,200		$200	$400
Mechanical	$31,700	$12,100	$15,000	$9,600
Total	**$174,800**	**$12,100**	**$28,700**	**$16,400**
Importance Code A	$89,800	$6,700	$18,900	$6,700
Importance Code B	$50,500	$5,400	$9,800	$9,700
Importance Code C	$34,400			
Total	**$174,800**	**$12,100**	**$28,700**	**$16,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$69,300	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$54,100	
Masonry: Brick	85%			LIFE	* *	5	$117,800	
Windows								
Aluminum	100%			2034	* *	5	$24,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$29,600	
Copper/Terne	5%			2061	* *	5	$2,500	
Masonry: Brick	85%			LIFE	* *	5-10	$60,500	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$54,400	
Debris Present, Extent : Moderate, Area Affected : 5%								
Location : South Roof								
Copper/Terne	5%			2054	* *	10	$7,200	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$7,900	
Vinyl Tile	30%			2021	$258,500	3	$15,200	
Vinyl Tile	10%			2031	* *	3	$3,800	
Wood	50%			2041	* *	5	$95,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$25,500	
Glass: Single Pane	5%			LIFE	* *	5	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stairwells								
Explanation : Divider Panels								
Masonry: Brick	10%			LIFE	* *	10	$3,100	
Marble Panels	5%			LIFE	* *	10	$2,000	
Plaster	70%			LIFE	* *	5-10	$60,700	
Ceilings								
Exposed Concrete	15%			LIFE	* *	5-10	$18,900	
Plaster	80%			LIFE	* *	5-10	$138,400	
Plaster	5%			LIFE	* *	5-10	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Plaster								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Fused Knife Sw	50%	2-4	$67,300	2051	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	40%			2025	$53,800	5	$700	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2026	$17,400	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$62,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$8,200	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$249,300	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK

Asset # : 2545

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 6500 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$6,600	2039	* *	1	$60,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers - #2 Unit Not Working Properly								
Distribution								
Steam Piping/Pump	100%			2026	$472,700	4	$5,000	
Terminal Devices								
Air Handler	20%			2021	$73,000	1	$8,400	
Convector/Radiator	70%			2024	$447,700	1	$15,300	
Fan Coil Unit/Heat	10%			2021	$101,400	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2024	$41,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,800	
Exhaust Fans								
Interior	100%			2021	$74,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$40,400	1		
Water Heater								
Gas Fired	100%			2024	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$39,500	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 241 - BK MINISCHOOL**
Address : **976 PRESIDENT STREET BTWN: CLASSON AVE., FRANKLIN AVE**
Borough : **BROOKLYN**
Agency's Number : **K840**
Program / Asset # : **BOE0535.010 / 454**
Yr Built/Renovated : **1969 / 1997**
Area Sq Ft : **7,500**
Project Type : **EDUCATION**
Date of Survey : **04-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **1188** **Lot** : **1** **BIN** : **3029702**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$42,800	$58,800
Interior Architecture		$92,200
Electrical		$45,300
Total	**$42,800**	**$196,300**
Importance Code A	$42,800	$58,800
Importance Code B		$137,500
Total	**$42,800**	**$196,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$900			
Interior Architecture	$5,800		$5,500	$1,600
Electrical	$200	$100	$100	$200
Mechanical	$3,500	$2,100	$1,600	$2,100
Total	**$10,300**	**$2,200**	**$7,200**	**$3,900**
Importance Code A	$1,300	$400	$400	$400
Importance Code B	$4,700	$1,800	$6,800	$3,500
Importance Code C	$4,400			
Total	**$10,300**	**$2,200**	**$7,200**	**$3,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK MINISCHOOL

Asset # : 454

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2046	* *	5-10	$80,800	
Windows								
Aluminum	100%			2042	* *	5	$1,800	
Roof								
Metal Panel	100%			2039	* *	10	$42,800	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$600	
Vinyl Tile	95%			2026	$92,200	3	$5,400	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$2,000	
Metal Panel	75%			LIFE	* *	10	$3,400	
Ceilings								
AcousTileSusp.Lay-In	100%			2039	* *	5	$11,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Mechanical Room								
Explanation : One 400 Amp Main Disconnect Switch								
Raceway								
Conduit	100%			2026	$13,900	1		
Panelboards								
Fused Disc Sw	10%			2025	$2,200	5		
Molded Case Bkrs	90%			2025	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2026	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$900	
Exit, Service	50%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 241 - BK MINISCHOOL

Asset # : 454

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2031	* *	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Equipment Room								
Explanation : 1 Gas Fired Duct Furnace								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2034	* *	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Court Yard								
Explanation : 1 Unit - 410a Refrigerant								
Terminal Devices								
Fan Coil - Cool/Heat	100%			2034	* *	1	$2,500	
Heat Rejection								
Air Condenser Unit	100%			2034	* *	2	$5,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,700	
Exhaust Fans								
Interior	100%			2034	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2025	$1,200	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 242 - BK P.S. 279 - BK ANNEX**
Address : **100-01 FLATLANDS AVENUE**
Borough : **BROOKLYN**
Agency's Number : **K242**
Program / Asset # : **BOE0536.000 / 1328**
Yr Built/Renovated : **1935 / 2010**
Area Sq Ft : **80,000**
Project Type : **EDUCATION**
Date of Survey : **05-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **8188** **Lot** : **1**
BIN : **3229773**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$138,000	$498,900
Interior Architecture	$313,000	$639,200
Electrical	$335,500	$399,700
Mechanical	$61,400	$1,104,700
Total	**$848,000**	**$2,642,500**
Importance Code A	$138,000	$498,900
Importance Code B	$655,000	$2,143,600
Importance Code C	$54,900	
Total	**$848,000**	**$2,642,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,500		$21,200	
Interior Architecture	$134,300			$10,700
Electrical	$2,500	$900	$1,200	$1,500
Mechanical	$103,400	$13,700	$19,500	$11,700
Total	**$271,600**	**$14,600**	**$41,900**	**$24,000**
Importance Code A	$59,200	$8,100	$29,300	$8,100
Importance Code B	$158,800	$6,500	$12,600	$15,800
Importance Code C	$53,700			
Total	**$271,600**	**$14,600**	**$41,900**	**$24,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - BK P.S. 279 - BK ANNEX

Asset # : 1328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$119,500	
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : All Facades, Parapets								
Masonry: Limestone	20%			LIFE	* *	5	$22,400	
Windows								
Aluminum	90%			2034	* *	5	$25,000	
Glass Block	5%			LIFE	* *	5	$1,700	
Metal Louvers	5%			2035	* *	10	$8,700	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$91,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$19,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Coping Stone Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Coping Stone								
Metal Rail	5%			2039	* *	5-10	$14,200	
Roof								
Built-Up (BUR)	75%			2026	$298,200	10	$65,100	
Copper/Terne	5%	0-2	$1,200	2054	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Metal Panel	5%	Now	$1,000	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stair 1 Bulkhead								
Modified Bitumen	15%			2026	$75,800	10	$13,000	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$53,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2035	* *	5	$6,100	
Sheet Vinyl/Rubber	2%	Now	$72,900	2036	* *	5	$1,800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	25%			2026	$261,100	3	$15,400	
Vinyl Tile 9" X 9"	25%	Now	$33,800	2021	$338,300	3	$11,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridors, Thresholds								
Wood	28%			2041	* *	5	$64,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - BK P.S. 279 - BK ANNEX
Asset # : 1328

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%	Now	$54,900	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Folding Partition	2%	Now	$19,700	2034	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,600	
Marble Panels	5%			LIFE	* *	10	$2,500	
Plaster	53%	Now	$10,500	LIFE	* *	5	$19,700	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Room 228, Perimeter Window								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,500	
Ceilings								
AcousTile,Adhered	25%	Now	$85,100	2031	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	27%			LIFE	* *	5-10	$41,200	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Basement Beam At Hatch								
Exposed Struc: Steel	3%			LIFE	* *	10	$7,300	
Fiber Board	5%	Now	$4,000	2026	$39,800			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Cafeteria And Gymnasium								
Plaster	40%	2-4	$64,100	LIFE	* *	5	$30,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$73,300	5	$200	
Fused Disc Sw	50%			2046	* *	5	$200	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - BK P.S. 279 - BK ANNEX

Asset # : 1328

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Fused Disc Sw	20%			2025	$26,900	5	$400	
Molded Case Bkrs	30%			2042	* *	5	$600	
Molded Case Bkrs	40%			2025	$53,800	5	$800	
Wiring								
Braided Cloth	50%	2-4	$86,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2036	* *	1		
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	20%			2039	* *	5	$100	
Locally Mounted	80%			2024	$60,400	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$71,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2034	* *	10	$2,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$9,900	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm Only; Motion Sensors And Panic Bars								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$248,600	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Fire Alarm System; Manual Pull Stations And Alarm Bells Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - BK P.S. 279 - BK ANNEX

Asset # : 1328

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	5%	Now	$20,000	2046	* *	1	$3,700	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Defective Burner Control Panel, Inoperable Burner, Defective Dual Fuel Changeover Controls								
Steam Boiler	95%			2039	* *	1	$77,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	2%	Now	$11,500	2056	* *	4	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Defective Steam Traps, Defective Vaccuum Pump Controls,4 Of 4 Defective Pump Seals								
Steam Piping/Pump	98%			2046	* *	4	$5,900	
Terminal Devices								
Air Handler	29%			2026	$128,300	1	$14,700	
Air Handler	1%	Now	$4,400	2036	* *	1	$500	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Basement, Deteriorated Flexible Connections								
Convector/Radiator	50%			2024	$387,600	1	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	15%			2021	$184,300	1	$4,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Classroom								
Fan Coil Unit/Heat	5%	0-2	$61,400	2036	* *	1	$1,200	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Various Classroom Throughout, Multiple Mechanical And Or Electrical Defects								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$16,900	2026	$16,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms And Offices, Multiple Mechanical Defects								
Window/Wall Unit	70%			2021	$118,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - BK P.S. 279 - BK ANNEX

Asset # : 1328

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2021	$18,100	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	75%			2021	$48,900	2	$1,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	5%	0-2	$3,300	2036	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Roof, 2 Of 4 Defective Exhaust Fan Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2052	* *	1		
Galv Iron/Steel	90%			2024	$220,600	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$19,100	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gals								
Sanitary Piping								
Cast Iron	5%	Now	$8,900	LIFE	* *	1		
Corroded, Extent : Light, Area Affected : 5%								
Location : Kitchen, Badly Corroded Kitchen Drain Piping								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Crawl Space Under The Gym, Girls And Boys Gymnasium Bathroom Drain Pipe								
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Older Wing Of The Building								
Cast Iron	45%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Throughout The Older Wing Of The Building								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2031	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - BK P.S. 279 - BK ANNEX

Asset # : 1328

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 242 - M (FORMER P. S. 144 - M)**		
Address	: **134 WEST 122 STREET @ MALCOLM X BLVD.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M242**
Program / Asset #	: **BOE0087.000 / 2773**	**Yr Built/Renovated**	: **1959 / 2012**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1906** **Lot** : **11**	**BIN**	: **1057683**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$197,900	$188,000
Interior Architecture	$692,000	$215,400
Electrical	$225,900	$1,030,300
Mechanical	$47,100	$253,300
Total	**$1,162,800**	**$1,686,900**
Importance Code A	$197,900	$188,000
Importance Code B	$964,900	$1,499,000
Total	**$1,162,800**	**$1,686,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,700			
Interior Architecture	$15,600		$21,000	$3,200
Electrical	$25,300	$1,900	$1,900	$2,800
Mechanical	$18,300	$13,900	$60,100	$16,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$74,700**	**$23,700**	**$90,800**	**$30,800**
Importance Code A	$16,000	$8,400	$8,400	$8,600
Importance Code B	$57,000	$15,300	$82,400	$22,200
Importance Code C	$1,700			
Total	**$74,700**	**$23,700**	**$90,800**	**$30,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%			LIFE	* *	5	$52,600	
Masonry: Brick	80%			LIFE	* *	5	$56,100	
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout All Facades								
Mosaic Tile	5%			2054	* *	10	$11,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2012								
Windows								
Aluminum	100%	Now	$197,900	2040	* *	5	$7,900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,900	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$10,300	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2032	* *	10	$79,300	
Repairs in Progress, Extent : Light, Area Affected : 75%								
Location : Throughout								
Metal Panel	5%			2037	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$27,700	
Ceramic Tile	5%			2027	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	20%	Now	$10,800	2024	$215,400	3	$9,500	
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor In Front Of Elevator								
Vinyl Tile	55%			2019	$592,400	3	$26,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Floor Tiles								
Wood	5%			2039	* *	5	$11,900	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$17,500	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	50%	2-4	$58,800	2029	* *	5	$31,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kinder Wing								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Kinder Wing								
AcousTileSusp.Lay-In	10%			2029	* *	5	$12,700	
Exposed Concrete	10%	Now	$40,700	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement For Snow Equipment Area								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Basement For Snow Equipment Area								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Basement For Snow Equipment Area								
Plaster	30%			LIFE	* *	5	$23,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	30%			2050	* *	1		
Conduit	70%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Fused Disc Sw	5%			2046	* *	5	$100	
Molded Case Bkrs	85%			2046	* *	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2050	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%	2-4	$22,700	2044	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Locally Mounted	70%			2022	$52,900	5	$400	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$600	
Generic	50%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	60%			2024	$564,100	10	$46,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2032	* *	10	$3,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Fluorescent	30%			2032	* *	10	$23,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2019	$47,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2024	$57,100	10	$10,200	
Exit, Service	50%			2024	$11,400	1		
Exterior Lighting								
HID	100%			2024	$309,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$20,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 12,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$83,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	5%	0-2	$600	2044	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Condensate Pumping System Check Valves								
Steam Piping/Pump	95%			2034	* *	4	$5,900	
Terminal Devices								
Air Handler	25%	0-2	$2,300	2024	$114,100	1	$11,800	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room, Defective Fan Bearings								
Convector/Radiator	75%			2029	* *	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2022	$139,200	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	30%			2019	$28,100	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Room, Exhaust Fans Are At Or Approaching Their Useful Life Cycle Limit								
Roof	70%	Now	$2,400	2019	$47,100	2	$1,500	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Kindergarten Roof								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, Exhaust Fans Are At Or Approaching Their Useful Life Cycle Limit								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Water Meter Room								
HW Heat Exchanger								
Low Temp	100%			2024	$26,300	4	$8,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement, Equipment At Or Approaching Its Useful Life Cycle Limit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 242 - M (FORMER P. S. 144 - M)
Asset # : 2773

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$2,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement, Sluggish House Trap								
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-3 (1) B-1								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 242 - Q**
Address : **136-11 31ST ROAD @ LINDEN PL.**
Borough : **QUEENS** | **Agency's Number** : **Q242**
Program / Asset # : **BOE1017.000 / 13444** | **Yr Built/Renovated** : **2001 /**
Area Sq Ft : **59,512** | **Project Type** : **EDUCATION**
Date of Survey : **27-Jan-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,ph**
Block : **4371** **Lot** : **173** | **BIN** : **4462993**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$44,300	$74,200
Interior Architecture		$48,700
Electrical	$54,600	
Mechanical		$158,500
Total	**$98,900**	**$281,400**
Importance Code A	$44,300	$74,200
Importance Code B	$54,600	$207,200
Total	**$98,900**	**$281,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,500	$1,500		
Interior Architecture	$37,600	$15,100		
Electrical	$4,800	$6,300	$4,800	$13,400
Mechanical	$69,400	$21,600	$32,900	$46,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$132,200**	**$52,400**	**$45,600**	**$67,800**
Importance Code A	$18,400	$7,400	$5,900	$6,000
Importance Code B	$109,600	$39,900	$39,700	$61,800
Importance Code C	$4,200	$5,000		
Total	**$132,200**	**$52,400**	**$45,600**	**$67,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$74,200	
Window Wall	5%			2051	* *	5	$14,600	
Windows								
Aluminum	97%			2047	* *	5	$7,900	
Metal Louvers	3%			2038	* *	10	$1,500	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5	$3,400	
Metal Rail	25%			2042	* *	5-10	$21,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,500	
Roof								
Modified Bitumen	100%	Now	$44,300	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : At Pitch Pokets								
Seams Open/Split, Extent : Severe, Area Affected : 10%								
Location : At Pitch Pokets								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$48,700	
Ceramic Tile	5%			2038	* *	5	$4,500	
Vinyl Tile	70%			2030	* *	3	$23,400	
Interior Walls								
Ceramic Tile	15%			2038	* *	5	$10,100	
Concrete Masonry Unit	30%			LIFE	* *	5	$8,100	
Folding Partition	5%			2047	* *	5	$8,400	
Glass: Single Pane	5%			LIFE	* *	5	$2,500	
Gypsum Board	20%			LIFE	* *	5	$8,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	75%			2042	* *	5	$66,800	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$11,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$300	
Molded Case Bkrs	80%			2041	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$400	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Point Of Contact Not Visible; Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$18,300	
Generators								
Diesel	100%			2034	* *	1	$23,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Genset Rated @ 230 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$13,300	
Fuel Storage								
Day Tank	50%			2041	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Nameplate Rating Capacity								
Main Tank	50%			2053	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2030	* *	10	$54,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2030	* *	10	$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, LED	50%			2053	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$200	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2053	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm Are Both Functional								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Station, Strobe Lights, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$58,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Top Penthouse								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$20,800	2045	* *	4	$2,900	
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Terminal Devices								
Air Handler	75%			2030	* *	1	$27,600	
Convector/Radiator	20%			2038	* *	1	$3,800	
Fan Coil Unit/Heat	5%			2025	$44,600	1	$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%	Now	$16,200	2030	* *	1	$19,900	
Not in Service, Extent : Severe, Area Affected : 25%								
Location : 1 Unit Down For More Than A Year, Penthouse								
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : Penthouse								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2045	* *	4	$3,500	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2030	* *	1	$29,400	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2025	$76,100	2	$33,200	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,200	
Exhaust Fans								
Interior	20%			2030	* *	2	$400	
Roof	80%			2025	$37,900	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2020	$13,800	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-4								
Explanation : Two Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 242 - Q

Asset # : 13444

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$30,000	
Sprinkler								
Generic	100%			2045	* *	1-2	$16,700	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 243 - BK**
Address : **1580 DEAN STREET BTWN: TROY AVE., SCHENECTADY A**
Borough : **BROOKLYN**
Agency's Number : **K243**
Program / Asset # : **BOE0537.000 / 1329**
Yr Built/Renovated : **1962 / 2000**
Area Sq Ft : **92,000**
Project Type : **EDUCATION**
Date of Survey : **21-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1347** **Lot** : **1** **BIN** : **3035761**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$429,000	$834,200
Interior Architecture	$400,300	$543,500
Electrical	$230,000	$1,469,200
Mechanical		$204,000
Total	**$1,059,300**	**$3,051,000**
Importance Code A	$429,000	$871,200
Importance Code B	$630,300	$2,179,800
Total	**$1,059,300**	**$3,051,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,800		$12,300	
Interior Architecture	$113,800		$8,000	$8,700
Electrical	$2,700	$1,000	$1,300	$2,100
Mechanical	$47,700	$23,000	$24,200	$20,100
Total	**$216,100**	**$24,100**	**$45,800**	**$31,000**
Importance Code A	$61,200	$9,400	$21,700	$9,400
Importance Code B	$88,100	$14,700	$24,100	$21,600
Importance Code C	$66,700			
Total	**$216,100**	**$24,100**	**$45,800**	**$31,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$39,300	
Glazed Ceramic Panel	10%	Now	$5,100	LIFE	* *	5	$36,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$125,800	
Masonry: Brick	3%	Now	$7,100	LIFE	* *	5	$2,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Chimney								
Masonry: Limestone	2%			LIFE	* *	5	$2,400	
Windows								
Aluminum	100%			2034	* *	5	$17,700	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5-10	$7,300	
Masonry: Brick	18%	Now	$13,400	LIFE	* *	5	$2,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Brick Ties Exposed								
No Component	80%							
Roof								
IRMA/Protected Membrane	98%	Now	$366,000	2026	$732,100			
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Metal Panel	2%			2039	* *	10	$3,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,100	
Ceramic Tile	3%			2035	* *	5	$4,300	
Terrazzo	5%			LIFE	* *	5	$11,100	
Vinyl Tile	10%	Now	$48,300	2026	$120,800	3	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	45%			2031	* *	3	$24,000	
Vinyl Tile 9" X 9"	27%			2021	$422,700	3	$19,200	
Wood	5%	Now	$93,800	2041	* *	5	$6,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium At Drinking Fountain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$15,700	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,000	
Plaster	65%	Now	$32,800	LIFE	* *	5	$24,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,700	
Ceilings								
AcousTile,Adhered	25%	Now	$165,100	2031	* *	5	$17,800	
Adhesion Failure, Extent : Light, Area Affected : 25%								
Location : Cafeteria Cxorridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Corridors								
AcousTileSusp.Lay-In	3%			2031	* *	5	$4,300	
Exposed Concrete	60%			LIFE	* *	5-10	$106,500	
Exposed Struc: Steel	2%			LIFE	* *	10	$5,700	
Plaster	10%			LIFE	* *	5-10	$24,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Main Service Switches - No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,900	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$83,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	70%			2021	$243,200	10	$200	
HID	30%			2036	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$83,500	1	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	50%							
Generic, Analog	50%			2021	$476,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Fire Alarm System Is Old, Alarm Bells, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$29,400	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$94,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,700	
Terminal Devices								
Air Handler	20%			2026	$102,400	1	$11,700	
Convector/Radiator	80%			2031	* *	1	$24,500	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 243 - BK

Asset # : 1329

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$48,800	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,800	
Exhaust Fans								
Interior	30%			2026	$31,500	2	$900	
Roof	70%			2026	$52,800	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$22,100	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 244 - BK**
Address : **5404 TILDEN AVENUE BTWN: EAST 54 ST., EAST 55 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K244**
Program / Asset # : **BOE0538.000 / 2544** | **Yr Built/Renovated** : **1939 / 1999**
Area Sq Ft : **158,163** | **Project Type** : **EDUCATION**
Date of Survey : **25-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4739** **Lot** : **1** | **BIN** : **3104513**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$369,700	$314,900
Interior Architecture	$238,000	$994,100
Electrical	$282,500	$1,259,300
Mechanical	$88,300	$1,161,700
Total	**$978,500**	**$3,729,900**
Importance Code A	$369,700	$335,900
Importance Code B	$513,200	$3,394,000
Importance Code C	$95,600	
Total	**$978,500**	**$3,729,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$92,800			
Interior Architecture	$107,300		$84,900	$12,700
Electrical	$39,400	$12,800	$14,500	$13,700
Mechanical	$78,100	$48,800	$50,800	$49,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$321,600**	**$65,500**	**$154,100**	**$79,600**
Importance Code A	$108,500	$15,700	$15,700	$15,700
Importance Code B	$167,900	$49,800	$138,400	$64,000
Importance Code C	$45,200			
Total	**$321,600**	**$65,500**	**$154,100**	**$79,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$104,000	
Masonry: Brick	40%			LIFE	* *	5	$166,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : 1939 Wing								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : 1039 Wing								
Masonry: Brick	5%	Now	$62,700	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Masonry: Brick Cavity	35%			LIFE	* *	5	$145,500	
Masonry: Granite	5%			LIFE	* *	5	$15,600	
Masonry: Limestone	5%			LIFE	* *	5	$15,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$67,600	
Windows								
Aluminum	100%			2042	* *	5	$59,600	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$64,500	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$51,600	
Masonry: Limestone	5%			LIFE	* *	5-10	$11,500	
Pre-Cast Concrete	5%	Now	$3,400	LIFE	* *	5	$5,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Built-Up (BUR)	60%			2031	* *	10	$57,900	
IRMA/Protected Membrane	40%			2031	* *	10	$38,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$51,800	
Ceramic Tile	3%			2039	* *	5	$7,100	
Ceramic Tile	2%			2035	* *	5	$4,700	
Vinyl Tile	45%			2031	* *	3	$39,900	
Vinyl Tile 9" X 9"	35%			2021	$912,700	3	$41,400	
Wood	5%			2054	* *	5	$22,200	
Wood	5%			2054	* *	5	$22,200	
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$37,100	
Gypsum Board	20%			LIFE	* *	5-10	$78,800	
Masonry: Brick	5%			LIFE	* *	10	$3,500	
Plaster	35%			LIFE	* *	5-10	$68,900	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$23,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%			2039	* *	5	$44,400	
AcousTileSusp.Lay-In	20%			2039	* *	5	$47,300	
Exposed Concrete	10%			LIFE	* *	5-10	$29,600	
Plaster	55%			LIFE	* *	5-10	$223,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Fused Disc Sw	50%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$110,000	5	$300	
Fused Disc Sw	50%			2046	* *	5	$300	
Raceway								
Conduit	50%			2026	$123,700	1		
Conduit	50%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$200	
Molded Case Bkrs	45%			2025	$100,900	5	$1,900	
Molded Case Bkrs	50%			2042	* *	5	$2,100	
Wiring								
Braided Cloth	40%	2-4	$139,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2039	* *	5	$500	
Locally Mounted	50%			2024	$57,600	5	$500	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$2,300	
Generic	50%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$48,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	$61,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 200 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$35,200	
Fuel Storage								
Day Tank	50%			2042	* *	5	$14,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gallons Capacity								
Main Tank	50%			2054	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$142,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2026	$12,600	10	$100	
Incandescent	1%			2026	$17,600	2		
Egress Lighting								
Emergency, Battery	50%			2026	$106,700	10	$19,100	
Exit, Service	50%			2026	$21,300	1		
Exterior Lighting								
HID	100%			2026	$597,300	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$143,600	2036	* *	1	$15,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$156,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2034	* *	4	$5,800	
Steam Piping/Pump	50%			2046	* *	4	$5,800	
Terminal Devices								
Air Handler	10%			2031	* *	1	$9,800	
Convector/Radiator	60%			2031	* *	1	$30,700	
Fan Coil Unit/Heat	30%			2026	$710,500	1	$15,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2031	* *	1	$29,300	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : 3 Sets, Basement A C Room								
Window/Wall Unit	20%	Now	$13,000	2021	$65,000	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Defective Window Air Conditioning Units Throughout								
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	40%	Now	$9,300	2046	* *	4	$3,100	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Glycol Leaks At Various Locations								
No Component	60%							
Terminal Devices								
Fan Coil - Cool/Heat	40%			2031	* *	1	$20,400	
No Component	60%							
Heat Rejection								
Air Condenser Unit	40%			2026	$75,800	2	$44,100	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$139,600	
Exhaust Fans								
Interior	80%			2026	$139,900	2	$3,900	
Roof	20%			2031	* *	2	$1,000	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 244 - BK

Asset # : 2544

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$94,500	1		
Water Heater								
Gas Fired	100%			2021	$36,800	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
HW Heat Exchanger								
Low Temp	100%	0-2	$49,100	2056	* *	4	$15,600	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Badly Decayed Hot Water Tank In Old Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,400	LIFE	* *	1		
Cracked, Extent : Light, Area Affected : 5%								
Location : Storm Drain On Roof Of Old Building								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Serves B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$79,800	
Sprinkler								
No Component	60%							
Generic	40%			2046	* *	1-2	$17,700	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 244 - Q ACTIVE LEARNING ELEMENTARY**
Address : **137-20 FRANKLIN AVE. @ COLDEN ST.**
Borough : **QUEENS**
Agency's Number : **Q244**
Program / Asset # : **BOE1069.000 / 14415**
Yr Built/Renovated : **2008 /**
Area Sq Ft : **48,925**
Project Type : **EDUCATION**
Date of Survey : **12-Jun-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,4**
Block : **5137** **Lot** : **43** **BIN** : **4824853**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$58,500	$58,500
Interior Architecture	$104,200	$56,900
Electrical		$44,900
Total	**$162,700**	**$160,200**
Importance Code A	$58,500	$58,500
Importance Code B		$44,900
Importance Code C	$104,200	$56,900
Total	**$162,700**	**$160,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$58,300		$10,600	
Interior Architecture	$73,100		$7,800	$3,400
Electrical	$1,000	$800	$100	$100
Mechanical	$24,300	$10,900	$16,600	$10,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$168,600**	**$23,500**	**$46,900**	**$25,400**
Importance Code A	$60,900	$2,400	$13,000	$2,400
Importance Code B	$105,700	$21,100	$33,900	$21,400
Importance Code C	$2,100			$1,500
Total	**$168,600**	**$23,500**	**$46,900**	**$25,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	70%			LIFE	* *	5	$116,900	
Metal/Glass Curt Wall	20%			LIFE	* *	5	$62,600	
Metal Panel	7%			2046	* *	5-10	$40,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$16,300	
Windows								
Aluminum	100%			2042	* *	5	$8,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$7,300	
Metal Rail	10%			2039	* *	5-10	$2,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$800	
Roof								
IRMA/Protected Membrane	80%	Now	$8,000	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 15%								
Location : 4th Floor Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Step Down Roof Above 2nd Floor And 4th Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 405								
Metal Panel	20%			2039	* *	10	$9,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,000	
Ceramic Tile	5%			2035	* *	5	$3,700	
Vinyl Tile	85%			2031	* *	3	$23,300	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,100	
Gypsum Board	92%			LIFE	* *	5-10	$161,100	
Ceilings								
AcousTileSusp.Lay-In	70%	Now	$8,300	2039	* *	5	$25,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 405								
Exposed Struc: Steel	10%			LIFE	* *	10	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%			LIFE	* *	5-10	$50,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps main disconnect swith								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800a Main Disconnect Switch For Fire Pump								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	30%			2043	* *	5	$100	
Variable Frequency Drive	70%			2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Rtu Controllers Monitored By Bms								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$44,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	30%			2034	* *	10		
No Component	70%							
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 244 - Q ACTIVE LEARNING ELEMENTARY

Asset # : 14415

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	95%							
Generic	5%			2034	* *	1	$900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,200	
Exhaust Fans								
Roof	100%			2034	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$11,400	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 244 - Q ACTIVE LEARNING ELEMENTARY
Asset # : 14415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2034	* *	1	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-4 (1) C-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$13,700	
Fire Pump								
Generic	100%			2039	* *	1	$9,100	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 245 - BK**			
Address	:	**249 E. 17TH STREET @ BEVERLEY RD.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**LEASE-K245**
Program / Asset #	:	**BOE1078.000 / 14424**	**Yr Built/Renovated**	:	**1963 / 2009**
Area Sq Ft	:	**69,217**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**11-Oct-2013**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2**			
Block	:	**5121** **Lot** : **32**	**BIN**	:	**3117584**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$314,200	$255,700
Interior Architecture	$1,336,200	$181,300
Electrical	$420,600	$811,200
Total	**$2,071,000**	**$1,248,200**
Importance Code A	$314,200	$292,700
Importance Code B	$1,656,900	$955,500
Importance Code C	$99,900	
Total	**$2,071,000**	**$1,248,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,700			$21,100
Interior Architecture	$154,900	$1,300		$13,300
Electrical	$5,100	$800	$1,300	$16,200
Mechanical	$81,800	$18,900	$21,900	$24,800
Total	**$271,600**	**$20,900**	**$23,200**	**$75,400**
Importance Code A	$36,600	$6,900	$6,900	$28,100
Importance Code B	$171,600	$14,100	$16,300	$47,300
Importance Code C	$63,400			
Total	**$271,600**	**$20,900**	**$23,200**	**$75,400**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	$277,500	LIFE	* *	5	$92,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Masonry: Granite	2%			LIFE	* *	5	$1,500	
Masonry: Limestone	8%			LIFE	* *	5	$6,100	
Windows								
Aluminum	100%			2041	* *	5	$12,200	
Parapets								
Cast Stone/Terra Cotta	10%	2-4	$5,800	LIFE	* *	5	$7,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	70%	0-2	$36,600	LIFE	* *	5	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Rubberized Coating Over The Brick On The Roof Side Of Parapet Wall Is Peeling								
Masonry: Limestone	20%	Now	$9,500	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Limestone Coping Stained And Discolored From Mold Growth								
Roof								
Asphalt Shingle	30%	Now	$14,500	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	30%			2030	* *	10	$21,100	
Modified Bitumen	40%			2025	$163,700	10	$28,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	Now	$26,400	2027	* *	3	$3,100	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%	2-4	$2,700	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	0-2	$18,100	2028	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Toilet Rooms - Throughout								
Quarry Tile	5%			2045	* *	5	$7,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%	0-2	$144,500	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Treads								
Vinyl Tile	10%			2030	* *	3	$3,900	
Vinyl Tile 9" X 9"	65%	0-2	$222,500	2020	$741,800	3	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%	4+	$17,100	2053	* *	5	$4,900	
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$14,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$6,100	2028	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	15%	0-2	$26,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$99,900	LIFE	* *	5	$18,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	2-4	$17,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	70%	Now	$127,500	LIFE	* *	5	$32,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$27,200	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	20%			LIFE	* *	5	$181,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Cafeteria								
Explanation : Tongue & Groove Over Wood Purlins								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	85%			2025	$105,300	1		
Conduit	15%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	80%			2024	$107,600	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Tripping Of Breakers Due To Insufficient Capacity								
Molded Case Bkrs	15%			2041	* *	5	$300	
Wiring								
Braided Cloth	85%	2-4	$147,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Crawl Space								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	91%			2030	* *	10	$57,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	6%			2025	$46,100	10	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircase Landings								
Explanation : T-12 Lamps								
Incandescent	2%			2020	$15,400	2		
Incandescent	1%	Now	$4,600	2030	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bathrooms Floors 1-2, Boiler Room								
Explanation : Insufficient Lighting								
Egress Lighting								
Emergency, Battery	50%			2025	$46,700	10	$8,400	
Exit, Service	50%			2025	$9,300	1		
Exterior Lighting								
HID	100%			2025	$261,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	* *	1	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : Building Intrusion Alarm System Is Tied In To Central Monitoring Station								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$215,100			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$68,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,400	
Terminal Devices								
Convector/Radiator	100%	Now	$32,700	2038	* *	1	$20,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2023	$21,300	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$5,800	
Ductwork/Diffusers	85%			LIFE	* *	2-5	$32,800	
Exhaust Fans								
Roof	80%	Now	$26,400	2030	* *	2	$1,400	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof; All Exhaust Fans Totally Rusted And Inoperable								
Roof	20%			2033	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof								
Explanation : Kitchen Only								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$16,100	2	$1,000	
Sanitary Piping								
Cast Iron	100%	Now	$7,500	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Oil Tank Room								
Explanation : Hanger Supports Dislodged From Ceiling / Causing Saging And Misalignment Of 4-Inch Drain Line								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 245 - BK

Asset # : 14424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 25%								
Location : Throughout								
Explanation : Some Toilet Rooms Undergoing Construction Work								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$36,200	
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$1,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 246 - BX (POE CENTER)**
Address : **2641 GRAND CONCOURSE @E. KINGSBRIDGE RD.**
Borough : **BRONX** | **Agency's Number** : **X843**
Program / Asset # : **BOE0340.000 / 329** | **Yr Built/Renovated** : **1916 / 2009**
Area Sq Ft : **62,000** | **Project Type** : **EDUCATION**
Date of Survey : **02-Nov-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,3**
Block : **3168** **Lot** : **27** **BIN** : **2013830**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$642,300	$125,600
Interior Architecture	$187,100	$749,900
Electrical	$121,700	$746,200
Mechanical	$98,300	
Total	**$1,049,400**	**$1,621,800**
Importance Code A	$642,300	$162,600
Importance Code B	$349,900	$1,409,200
Importance Code C	$57,200	$49,900
Total	**$1,049,400**	**$1,621,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$15,100	
Interior Architecture	$37,300	$9,200		$9,500
Electrical	$8,700	$1,600	$1,900	$1,500
Mechanical	$15,300	$19,300	$14,000	$10,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$65,300**	**$34,100**	**$34,900**	**$25,900**
Importance Code A	$6,300	$6,400	$21,400	$6,300
Importance Code B	$24,500	$27,600	$13,500	$19,600
Importance Code C	$34,500			
Total	**$65,300**	**$34,100**	**$34,900**	**$25,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 246 - BX (POE CENTER)

Asset # : 329

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$39,600	
Masonry: Brick	85%	Now	$519,500	LIFE	* *	5	$86,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Wall Outside Cafeteria And Music Room								
Masonry: Limestone	10%			LIFE	* *	5	$7,600	
Windows								
Aluminum	100%			2039	* *	5	$30,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,100	
Masonry: Brick	90%			LIFE	* *	5	$11,700	
Roof								
Built-Up (BUR)	99%			2028	* *	10	$49,300	
Skylight, Metal/Glass	1%	Now	$73,500	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$20,900	
Ceramic Tile	3%	Now	$2,800	2032	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$1,500	
Vinyl Tile	80%	Now	$129,900	2023	$649,300	3	$28,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	5%			2038	* *	5	$8,900	
Interior Walls								
Gypsum Board	70%	Now	$34,500	LIFE	* *	5	$49,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Fieldstone	10%			LIFE	* *			
Plaster	20%	Now	$57,200	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2028	* *	5	$9,500	
AcousTileSusp.Lay-In	5%			2036	* *	5	$4,800	
Plaster	85%			LIFE	* *	5	$50,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 246 - BX (POE CENTER)

Asset # : 329

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elecrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$102,600	5	$200	
Fused Disc Sw	30%			2049	* *	5	$100	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2049	* *	1		
Panelboards								
Molded Case Bkrs	15%			2022	$20,200	5	$200	
Molded Case Bkrs	25%	2-4	$6,700	2031	* *	5	$200	
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Basement								
Molded Case Bkrs	60%			2022	$80,700	5	$1,000	
Wiring								
Braided Cloth	70%	0-2	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Thermoplastic	20%			2023	$34,800	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$68,000	5	$400	
Motor Control Center	10%			2040	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$57,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2023	$14,200	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$7,700	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2023	$234,200	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 246 - BX (POE CENTER)

Asset # : 329

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$15,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2049	* *	4	$4,700	
Terminal Devices								
Convector/Radiator	100%			2028	* *	1	$20,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2018	$98,300	1		
No Component	25%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2023	$9,600	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galv Iron/Steel	90%			2028	* *	1		
Water Heater								
Gas Fired	100%			2022	$14,800	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 246 - BX (POE CENTER)

Asset # : 329

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit - Inoperable At Time Of Survey								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$32,200	
Sprinkler								
Generic	100%			2043	* *	1-2	$17,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 247 - BK**				
Address	: **7000 21 AVENUE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K247**
Program / Asset #	: **BOE0540.000 / 2746**			**Yr Built/Renovated**	: **1937 / 2001**
Area Sq Ft	: **79,250**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Nov-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **6174**	**Lot**	: **36**	**BIN**	: **3157466**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$262,400	$66,600
Interior Architecture	$218,800	$477,700
Electrical	$1,292,100	$497,800
Mechanical	$83,600	$184,600
Total	**$1,856,900**	**$1,226,700**
Importance Code A	$262,400	$103,600
Importance Code B	$1,427,000	$1,123,100
Importance Code C	$167,400	
Total	**$1,856,900**	**$1,226,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$62,400	$6,300		
Interior Architecture	$87,100		$8,400	
Electrical	$44,900	$900	$1,300	$57,600
Mechanical	$15,900	$13,800	$24,200	$19,500
Total	**$210,300**	**$21,000**	**$33,900**	**$77,100**
Importance Code A	$70,500	$14,400	$8,100	$8,200
Importance Code B	$96,100	$6,600	$25,800	$68,900
Importance Code C	$43,800			
Total	**$210,300**	**$21,000**	**$33,900**	**$77,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$200,900	LIFE	* *	5	$66,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$3,100	
Masonry: Limestone	15%			LIFE	* *	5	$9,400	
Windows								
Aluminum	100%	2-4	$61,600	2041	* *	5	$14,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$32,500	LIFE	* *	5	$11,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,600	
Roof								
Built-Up (BUR)	95%	2-4	$29,900	2030	* *			
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Metal Panel	5%			2038	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,300	
Ceramic Tile	5%			2034	* *	5	$6,100	
Marble Panels	5%			LIFE	* *	5	$4,600	
Terrazzo	5%	2-4	$14,100	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	35%			2025	$362,100	3	$16,000	
Wood	45%			2040	* *	5	$102,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$19,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	2-4	$24,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%	2-4	$108,100	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$59,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%	2-4	$29,200	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	85%			LIFE	* *	5	$64,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$132,000	5	$300	
Fused Disc Sw	10%			2055	* *	5		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	75%			2025	$92,900	1		
Conduit	20%			2045	* *	1		
Conduit	5%			2055	* *	1		
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	30%			2041	* *	5	$600	
Molded Case Bkrs	60%			2024	$80,700	5	$1,300	
Wiring								
Braided Cloth	20%	2-4	$34,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	35%			2045	* *	1		
Thermoplastic	40%			2025	$69,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Locally Mounted	50%			2038	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	84%			2020	$758,500	10	$62,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms, Offices, Corridors And Toilet Rooms								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2030	* *	10	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
HID	3%			2020	$19,500	10	$100	
Incandescent	3%			2020	$27,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$299,300	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$48,000	1	$5,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2020	$164,200			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room And Storage Room								
Explanation : Partial Installation								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$80,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	20%			2030	* *	1	$10,100	
Convector/Radiator	80%			2030	* *	1	$21,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2025	$55,200	1	$7,500	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	50%			2020	$83,600	1		
No Component	30%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	* *	1	$10,100	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2025	$22,700	2	$11,300	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,300	
Exhaust Fans								
Interior	90%			2025	$80,900	2	$2,200	
Roof	10%			2020	$6,500	2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 247 - BK

Asset # : 2746

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$48,600	1		
Water Heater								
Gas Fired	100%			2023	$18,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 249 - BK**		
Address	: **18 MARLBOROUGH ROAD @CATON AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K249**
Program / Asset #	: **BOE0541.000 / 1302**	**Yr Built/Renovated**	: **1951 / 2011**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **5075** **Lot** : **1**	**BIN**	: **3116438**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$56,100	$140,500
Interior Architecture		$251,300
Electrical	$358,900	$1,330,600
Mechanical	$288,600	
Total	**$703,600**	**$1,722,400**
Importance Code A	$94,500	$140,500
Importance Code B	$609,100	$1,581,900
Total	**$703,600**	**$1,722,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$16,200		
Interior Architecture	$45,300		$7,400	$3,700
Electrical	$51,300	$9,000	$6,800	$6,900
Mechanical	$32,600	$55,400	$20,400	$13,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$137,100**	**$88,400**	**$42,500**	**$31,400**
Importance Code A		$24,200	$7,800	$7,800
Importance Code B	$125,700	$64,200	$34,600	$23,600
Importance Code C	$11,400			
Total	**$137,100**	**$88,400**	**$42,500**	**$31,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$61,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	15%			LIFE	* *	5	$8,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$56,100	2039	* *	5	$13,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$11,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	15%			2043	* *	5-10	$41,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	5%			2043	* *	10	$7,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	95%			2033	* *	10	$79,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,900	
Ceramic Tile	5%			2032	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$4,600	
Vinyl Tile	50%			2028	* *	3	$22,200	
Vinyl Tile	25%			2023	$251,300	3	$14,800	
Wood	5%			2051	* *	5	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%	Now	$4,800	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$14,300	
SGFT/Glazed Masonry	35%			LIFE	* *			
Wood	5%	4+	$6,600	LIFE	* *	5	$23,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%	Now	$27,300	2036	* *	5	$14,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5	$11,000	
Plaster	15%			LIFE	* *	5	$11,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$300	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2031	* *	5	$300	
Fused Knife Sw	5%	2-4	$6,700	2048	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Molded Case Bkrs	80%			2031	* *	5	$1,600	
Wiring								
Braided Cloth	20%	2-4	$34,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2033	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$300	
Locally Mounted	25%			2021	$18,900	5	$100	
Motor Control Center	25%			2021	$73,100	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$23,700	
Generators								
Diesel	100%			2026	$121,400	1	$29,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 100 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$2,900	
Fuel Storage								
Main Tank	100%			2038	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gals								
Lighting								
Interior Lighting								
Fluorescent	87%			2023	$763,300	10	$63,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2023	$18,900	10	$100	
Incandescent	10%			2018	$87,700	2	$200	
Egress Lighting								
Emergency, Service	50%			2023	$19,400	1		
Exit, Service	50%			2023	$10,700	1		
Exterior Lighting								
HID	100%			2023	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$271,200	1-3	$16,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$24,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2 Tanks Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$38,500	2028	* *	1	$70,400	
Unit Inoperable, Extent : Moderate, Area Affected : 35%								
Location : Boiler Number 3								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$55,200	2033	* *	4	$3,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Vacuum Condensate Pumps Are Obsolete								
Explanation : Basement								
Terminal Devices								
Air Handler	20%			2018	$85,200	1	$9,800	
Convector/Radiator	80%	Now	$29,800	2028	* *	1	$18,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Thermostat Control System								
Explanation : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$48,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,000	
Exhaust Fans								
Interior	70%			2018	$61,100	2	$1,700	
Roof	30%			2023	$18,800	2	$700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 249 - BK

Asset # : 1302

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Passenger C-3. Freight Is Condemned								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$39,800	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 25 - BX**
Address : **811 EAST 149 STREET BTWN: TINTON AVE - UNION AVE**
Borough : **BRONX** | **Agency's Number** : **X025**
Program / Asset # : **BOE0172.000 / 477** | **Yr Built/Renovated** : **1897 / 1998**
Area Sq Ft : **70,000** | **Project Type** : **EDUCATION**
Date of Survey : **04-Oct-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2664** **Lot** : **1** | **BIN** : **2004772**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$725,500	$113,400
Interior Architecture	$493,800	$245,800
Electrical	$958,300	$380,900
Mechanical	$51,800	$268,900
Total	**$2,229,500**	**$1,009,000**
Importance Code A	$725,500	$113,400
Importance Code B	$1,503,900	$710,500
Importance Code C		$185,200
Total	**$2,229,500**	**$1,009,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$17,800	
Interior Architecture	$14,600	$17,800	$1,300	$5,400
Electrical	$2,300	$43,400	$2,300	$1,600
Mechanical	$49,300	$17,500	$10,300	$10,300
Total	**$66,200**	**$78,700**	**$31,700**	**$17,300**
Importance Code A	$7,100	$7,300	$24,900	$7,100
Importance Code B	$59,100	$71,500	$6,800	$10,200
Importance Code C				
Total	**$66,200**	**$78,700**	**$31,700**	**$17,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$684,300	LIFE	* *	5	$113,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Foundation, Electrical Room								
Masonry: Limestone	10%			LIFE	* *	5	$9,500	
Windows								
Aluminum	98%			2039	* *	5	$35,600	
Glass Block	2%			LIFE	* *	5	$500	
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$7,600	
Masonry: Brick	30%			LIFE	* *	5	$3,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,700	
Roof								
Built-Up (BUR)	100%	Now	$41,200	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Interior								
Floors								
Asphalt Poured	33%	Now	$14,600	2036	* *	5	$8,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : 2nd Floor, 3rd Floor, 4th Floor And Indoor Play Yard								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor, 3rd Floor, 4th Floor And Indoor Play Yard								
Mosaic Tile	2%			2028	* *	5	$5,400	
Vinyl Tile	40%	Now	$366,500	2033	* *	3	$16,200	
Adhesion Failure, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%			2028	* *	3	$4,000	
Wood	15%			2038	* *	5	$30,300	
Interior Walls								
Ceramic Tile	5%			2026	$185,200	5	$6,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$34,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Plaster	90%	Now	$127,300	LIFE	* *	5	$60,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Bulkheads								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$300	
Raceway								
Conduit	80%			2023	$99,100	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	20%			2039	* *	5	$400	
Molded Case Bkrs	70%			2022	$94,200	5	$1,300	
Wiring								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	80%			2023	$139,100	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	79%			2018	$631,800	10	$52,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2028	* *	10	$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : T-8 Lamps								
HID	3%			2018	$17,200	10	$100	
Incandescent	3%			2018	$24,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$48,600	10	$8,700	
Exit, Service	50%			2023	$9,700	1		
Exterior Lighting								
HID	100%			2018	$264,400	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$17,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 4,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%			2028	* *	1	$20,900	
Convector/Radiator	2%	Now	$1,400	2040	* *	1	$400	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Throughout, Defective Steam Traps								
Convector/Radiator	1%	Now	$6,800	2043	* *	1	$200	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Hallways, Broken Danfoss Valves								
Convector/Radiator	2%	Now	$4,100	2028	* *	1	$400	
Broken, Extent : Moderate, Area Affected : 35%								
Location : Throughout, Broken Pneumatic Air Tubing To Thermostats								
Fan Coil Unit/Heat	5%			2023	$53,900	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2018	$51,800	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$4,000	
No Component	90%							
Exhaust Fans								
Interior	10%			2018	$8,000	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$215,000	1		
No Water Meter, Extent : Moderate, Area Affected : 100%								
Location : Basement All Purpose Room								
Water Heater								
Gas Fired	100%			2021	$16,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%	Now	$15,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Connection To Sewer Rotted Away								
Storm Drain Piping								
Cast Iron	100%	Now	$10,100	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : House Trap And Main Line Rotted Away								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 25 - BX

Asset # : 477

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$400	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement Multi Purpose Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 250 - BK**
Address : **108 MONTROSE AVENUE BTWN: LEONARD ST., MANHATTAN A**
Borough : **BROOKLYN**
Agency's Number : **K250**
Program / Asset # : **BOE0542.000 / 1304**
Yr Built/Renovated : **1964 / 2015**
Area Sq Ft : **85,000**
Project Type : **EDUCATION**
Date of Survey : **04-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3060** **Lot** : **1**
BIN : **3071199**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$128,800	$210,400
Interior Architecture	$98,600	$1,268,800
Electrical	$239,300	$2,026,000
Mechanical		$710,600
Total	**$466,700**	**$4,215,800**
Importance Code A	$128,800	$674,500
Importance Code B	$299,600	$3,541,300
Importance Code C	$38,300	
Total	**$466,700**	**$4,215,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,000		$7,900	
Interior Architecture	$85,700			$18,100
Electrical	$2,100	$600	$700	$1,600
Mechanical	$126,000	$21,500	$32,300	$23,800
Total	**$258,800**	**$22,200**	**$41,000**	**$43,500**
Importance Code A	$66,400	$8,700	$16,600	$8,700
Importance Code B	$169,400	$13,500	$24,400	$34,800
Importance Code C	$23,000			
Total	**$258,800**	**$22,200**	**$41,000**	**$43,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$34,100	
Masonry: Brick Cavity	90%			LIFE	* *	5	$130,800	
Masonry: Limestone	2%			LIFE	* *	5	$2,200	
Pre-Cast Concrete	3%			LIFE	* *	5	$14,200	
Windows								
Aluminum	100%			2051	* *	5	$16,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%	Now	$63,400	2031	* *	5	$84,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Built-Up (BUR)	70%			2031	* *	10	$60,600	
Built-Up (BUR)	25%	Now	$19,800	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Metal Panel	5%			2039	* *	10	$7,900	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$6,600	
Terrazzo	5%			LIFE	* *	5	$10,300	
Vinyl Tile	10%			2026	$111,600	3	$6,600	
Vinyl Tile 9" X 9"	80%			2021	$1,157,100	3	$52,500	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Glazed Ceramic Panel	3%			LIFE	* *	10	$3,100	
Masonry: Brick	2%			LIFE	* *	10	$700	
Plaster	60%			LIFE	* *	5-10	$59,200	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,500	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$32,800	
AcousTileSusp.Lay-In	5%			2031	* *	5	$6,600	
Exposed Concrete	42%			LIFE	* *	5-10	$68,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,100	
Fiber Board	3%			2026	$25,700			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$16,400	
Plaster	15%			LIFE	* *	5-10	$33,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2026	$102,600	5	$200	
Fused Disc Sw	40%			2046	* *	5	$100	
Raceway								
Conduit	30%			2046	* *	1		
Conduit	70%			2026	$120,800	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	50%			2025	$89,700	5	$1,100	
Molded Case Bkrs	15%			2042	* *	5	$300	
Molded Case Bkrs	25%			2025	$44,800	5	$600	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	80%	2-4	$60,400	2046	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	20%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$945,300	10	$78,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2036	* *	10	$100	
Incandescent	1%			2021	$9,700	2		
Egress Lighting								
Emergency, Battery	50%			2026	$59,200	10	$10,600	
Exit, Service	50%			2026	$11,800	1		
Exterior Lighting								
HID	100%			2026	$321,000	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$51,400	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$176,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$27,200	
Conversion Equipment								
Steam Boiler	100%	Now	$21,400	2024	$427,100	1	$78,200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement Boiler Room, Defective Oil Burner - #1 Burners Tend To Cause (Blow Back)								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,300	
Terminal Devices								
Air Handler	5%	Now	$23,700	2036	* *	1	$2,400	
Malfunctioning, Extent : Light, Area Affected : 50%								
Location : Basement Fan Room Defective Climate Control System								
Air Handler	5%			2026	$23,700	1	$2,700	
Air Handler	10%			2021	$47,300	1	$5,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	80%			2031	* *	1	$22,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2026	$29,800	1	$4,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	60%	0-2	$10,800	2021	$108,200	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms, Multiple Machanical And/ Or Electrical Defects								
No Component	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	10%			2036	* *	4	$400	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2026	$48,600	1	$5,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement Fan Room								
Explanation : Equipment Covered Under Heating Section								
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2031	* *	2	$6,100	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,500	
Exhaust Fans								
Interior	10%			2021	$9,700	2	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Interior	10%			2026	$9,700	2	$300	
Roof	80%	Now	$11,200	2021	$55,800	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%	0-2	$20,400	2026	$20,400	2	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room, Defective Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Hot Water Heat Exchanger Is Currently Used To Heat And Store Domestic Hot Water								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Single Units								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 250 - BK

Asset # : 1304

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,500	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 251 - BK**		
Address	**: 1037 EAST 54TH ST. BTWN: AV.E H, AVE. I**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K251**
Program / Asset #	**: BOE0543.000 / 2543**	**Yr Built/Renovated**	**: 1951 / 2015**
Area Sq Ft	**: 76,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 31-Jul-2015**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 7758 Lot : 1**	**BIN**	**: 3214729**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$146,200	$145,800
Interior Architecture	$202,600	$980,900
Electrical	$200,400	$1,302,200
Mechanical		$1,716,400
Total	**$549,200**	**$4,145,300**
Importance Code A	$146,200	$525,300
Importance Code B	$346,400	$3,620,000
Importance Code C	$56,600	
Total	**$549,200**	**$4,145,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,700	$12,500	$4,900	
Interior Architecture	$48,700			$17,800
Electrical	$31,700	$600	$800	$1,400
Mechanical	$37,000	$17,600	$35,800	$11,000
Total	**$129,000**	**$30,700**	**$41,500**	**$30,100**
Importance Code A	$19,600	$20,300	$12,700	$7,700
Importance Code B	$86,500	$10,400	$28,900	$19,500
Importance Code C	$22,900			$2,900
Total	**$129,000**	**$30,700**	**$41,500**	**$30,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$134,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$5,300	
Windows								
Aluminum	95%			2048	* *	5	$25,100	
Recent Replace Evident, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$92,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$9,100	
Metal Rail	3%			2039	* *	5-10	$8,100	
Metal Security Bars	2%			2054	* *			
Roof								
Copper/Terne	5%			2054	* *	10	$10,300	
IRMA/Protected Membrane	95%			2031	* *	10	$78,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,500	
Terrazzo	2%			LIFE	* *	5	$3,600	
Vinyl Tile	60%			2026	$595,300	3	$35,000	
Vinyl Tile 9" X 9"	30%	Now	$38,600	2021	$385,600	3	$13,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2041	* *	5	$10,900	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$5,900	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,300	
Plaster	60%	Now	$56,600	LIFE	* *	5	$21,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$17,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%	Now	$37,700	2031	* *	5	$20,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5-10	$79,700	
Plaster	10%	Now	$15,200	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fused Toggle Switch	10%	2-4	$13,500	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Area								
Molded Case Bkrs	70%			2025	$94,200	5	$1,400	
Molded Case Bkrs	5%			2042	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2026	$43,500	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$848,700	10	$70,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2021	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2021	$52,600	10	$9,400	
Exit, Service	50%			2021	$10,500	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	0-2	$78,700	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$24,200	
Conversion Equipment								
Steam Boiler	100%			2024	$379,500	1	$77,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2026	$544,300	4	$5,800	
Terminal Devices								
Air Handler	25%			2021	$105,100	1	$12,100	
Convector/Radiator	75%			2024	$552,300	1	$18,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	$32,100	1		
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 251 - BK

Asset # : 2543

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,800	
Exhaust Fans								
Interior	50%			2021	$43,100	2	$1,200	
Roof	50%			2021	$31,000	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$46,600	1		
Water Heater								
Gas Fired	100%			2019	$18,100	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2026	$24,200	4	$11,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$45,500	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 253 - BK**
Address : **601 OCEAN VIEW AVENUE @ BRIGHTON 7TH ST.**
Borough : **BROOKLYN**
Agency's Number : **K253**
Program / Asset # : **BOE0545.000 / 1306**
Yr Built/Renovated : **1938 / 2014**
Area Sq Ft : **68,000**
Project Type : **EDUCATION**
Date of Survey : **13-May-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **8666** **Lot** : **610** **BIN** : **3244470**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$64,300
Interior Architecture		$45,400
Electrical	$1,304,800	$519,400
Mechanical	$266,300	$1,155,400
Total	**$1,571,100**	**$1,784,500**
Importance Code A		$82,800
Importance Code B	$1,571,100	$1,701,700
Total	**$1,571,100**	**$1,784,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,500			
Interior Architecture	$19,100	$6,100	$3,100	$39,400
Electrical	$10,300	$1,000	$1,500	$45,000
Mechanical	$12,200	$3,500	$12,200	$2,700
Total	**$55,100**	**$10,600**	**$16,800**	**$87,200**
Importance Code A	$13,500			$100
Importance Code B	$41,600	$10,600	$15,300	$87,000
Importance Code C			$1,600	
Total	**$55,100**	**$10,600**	**$16,800**	**$87,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$64,300	
Masonry: Limestone	10%			LIFE	* *	5	$5,400	
Windows								
Aluminum	100%			2041	* *	5	$25,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,300	
Masonry: Brick	90%			LIFE	* *	5	$9,700	
Roof								
Built-Up (BUR)	100%	Now	$13,500	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,800	
Ceramic Tile	3%			2034	* *	5	$3,100	
Terrazzo	5%			LIFE	* *	5	$4,100	
Vinyl Tile	47%			2030	* *	3	$18,400	
Wood	35%			2040	* *	5	$68,500	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,200	
Masonry: Brick	15%			LIFE	* *			
Plaster	47%			LIFE	* *	5	$14,800	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$10,400	
Exposed Concrete	20%			LIFE	* *	5	$3,200	
Plaster	70%	0-2	$19,100	LIFE	* *	5	$45,400	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 400 Amps Main Disconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	85%			2025	$124,600	5	$200	
Fused Disc Sw	5%			2055	* *	5		
Fused Disc Sw	10%			2035	* *	5		
Raceway								
Conduit	85%			2025	$105,300	1		
Conduit	10%			2035	* *	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	70%			2024	$94,200	5	$1,300	
Molded Case Bkrs	10%			2050	* *	5	$200	
Wiring								
Thermoplastic	80%			2025	$139,100	1		
Thermoplastic	10%			2035	* *	1		
Thermoplastic	10%			2055	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$200	
Locally Mounted	50%	2-4	$37,800	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	86%			2020	$666,400	10	$55,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2035	* *	10	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement & Auditorium								
Explanation : T-8 Lamps								
HID	2%			2020	$11,100	10		
Incandescent	2%			2020	$15,500	2		
Egress Lighting								
Emergency, Battery	45%			2020	$42,300	10	$7,600	
Emergency, Battery	5%			2035	* *	10	$800	
Exit, Service	50%			2020	$9,400	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2020	$256,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$7,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$246,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	* *	5	$21,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : 1 Temporary Steam Boiler Being Used								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement Boiler Room								
Explanation : Boiler Replacement Is In Progress - 1 Temporary Steam Boiler Being Used								
Distribution								
Steam Piping/Pump	100%			2025	$487,000	4	$5,200	
Terminal Devices								
Air Handler	20%			2025	$75,200	1	$8,600	
Convector/Radiator	60%			2023	$395,300	1	$13,500	
Fan Coil Unit/Heat	20%	Now	$4,200	2020	$208,900	1	$4,100	
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : Various Areas								
Air Conditioning								
Energy Source								
Electricity	100%			2024	$79,000	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$57,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,900	
Exhaust Fans								
Interior	100%	Now	$3,900	2025	$77,100	2	$1,700	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Motors Are Burnt Out, Basement								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 253 - BK

Asset # : 1306

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$41,700	1		
Water Heater								
Gas Fired	100%			2023	$16,200	2	$1,000	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$6,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$24,400	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 254 - BK**
Address : **1801 AVENUE Y BTWN: EAST 18 ST., EAST 19 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K254**
Program / Asset # : **BOE0546.000 / 2664** | **Yr Built/Renovated** : **1938 / 2006**
Area Sq Ft : **66,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **7420** **Lot** : **26** | **BIN** : **3203132**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$86,700	$40,200
Interior Architecture	$49,500	$86,200
Electrical	$121,700	$466,200
Mechanical	$197,800	$433,700
Total	**$455,800**	**$1,026,300**
Importance Code A	$284,500	$40,200
Importance Code B	$171,300	$986,100
Total	**$455,800**	**$1,026,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$86,900		$11,400	
Interior Architecture	$127,800		$35,900	$1,300
Electrical	$7,900		$200	$600
Mechanical	$32,500	$19,000	$21,000	$15,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$259,100**	**$22,900**	**$72,500**	**$21,300**
Importance Code A	$88,200	$5,400	$16,800	$5,400
Importance Code B	$79,800	$17,600	$55,700	$16,000
Importance Code C	$91,200			
Total	**$259,100**	**$22,900**	**$72,500**	**$21,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$69,300	
Masonry: Brick	5%			LIFE	* *	5	$6,900	
Masonry: Brick	3%	Now	$6,300	LIFE	* *	5	$2,100	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Chimney								
Masonry: Brick Cavity	35%			LIFE	* *	5	$48,500	
Masonry: Granite	5%			LIFE	* *	5	$5,200	
Masonry: Limestone	2%			LIFE	* *	5	$2,100	
Windows								
Aluminum	100%			2042	* *	5	$24,500	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$57,000	
Masonry: Limestone	5%			LIFE	* *	5-10	$6,300	
Metal Rail	10%			2039	* *	5-10	$18,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	60%	Now	$31,500	2034	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fourth Floor Corridor Of 1999 Wing, Rooms 341, 323								
Built-Up (BUR)	40%			2031	* *	10	$22,900	
Interior								
Floors								
Ceramic Tile	3%	Now	$11,800	2035	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Quarry Tile	5%			2039	* *	5	$7,600	
Terrazzo	2%			LIFE	* *	5	$3,200	
Vinyl Tile	10%			2021	$86,200	3	$5,100	
Vinyl Tile	30%			2031	* *	3	$11,400	
Vinyl Tile	25%			2034	* *	3	$9,500	
Wood	25%			2041	* *	5	$47,500	
Interior Walls								
Ceramic Tile	5%	Now	$28,200	2035	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Concrete Masonry Unit	15%			LIFE	* *	5	$12,200	
Gypsum Board	25%			LIFE	* *	5-10	$43,400	
Masonry: Brick	5%			LIFE	* *	10	$1,500	
Plaster	35%			LIFE	* *	5-10	$30,400	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$7,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	40%			2039	* *	5	$50,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Corridor Near Room 341, 323								
Exposed Concrete	10%			LIFE	* *	5-10	$12,600	
Gypsum Board	5%			LIFE	* *	5-10	$17,300	
Plaster	45%			LIFE	* *	5-10	$77,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair 6								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Fire Pump								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	70%			2026	$86,700	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	55%			2025	$74,000	5	$1,000	
Molded Case Bkrs	30%			2042	* *	5	$500	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$52,900	5	$300	
Locally Mounted	30%			2039	* *	5	$100	
Ground								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
Fluorescent	30%			2031	* *	10	$18,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	65%			2036	* *	10	$40,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Wing								
Explanation : T-8 Lamps								
Fluorescent	2%			2036	* *	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	10%			2031	* *	10	$1,600	
Emergency, Battery	40%			2021	$36,500	10	$6,500	
Exit, Service	40%			2021	$7,300	1		
Exit, Service	10%			2031	* *	1		
Exterior Lighting								
HID	30%			2031	* *	10	$100	
HID	70%			2021	$174,500	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2052	* *	1		
Interruptible Gas/Dual Fuel	50%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 7,500 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	40%			2031	* *	1	$13,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 8- Gas Fired Roof Top Units								
Steam Boiler	60%	Now	$197,800	2046	* *	1	$36,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers Damaged By Sandy, Not Working Temporary Boiler On The Street Supply The Stream.								
Distribution								
Steam Piping/Pump	60%			2036	* *	4	$2,000	
No Component	40%							
Terminal Devices								
Air Handler	10%			2021	$36,500	1	$4,200	
Convector/Radiator	60%			2039	* *	1	$13,100	
Fan Coil Unit/Heat	30%			2021	$304,100	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2031	* *	2	$1,700	
Window/Wall Unit	40%			2024	$55,700	1		
No Component	20%							
Terminal Devices								
Direct Expansion	5%			2031	* *	1		
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2031	* *	2	$2,400	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,800	
Exhaust Fans								
Interior	50%			2026	$37,400	2	$1,000	
Roof	50%			2031	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2046	* *	1		
Galv Iron/Steel	50%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$15,800	2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 254 - BK

Asset # : 2664

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100% *Location : Old Wing* *Explanation : .*								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100% *Location : B-3* *Explanation : 1 Unit*								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2046	* *	1-5	$10,200	
Sprinkler								
No Component	50%							
Generic	50%			2046	* *	1-2	$9,500	
Fire Pump								
No Component	50%							
Generic	50%			2035	* *	1	$6,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 255 - BK**		
Address	: **1866 EAST 17TH ST. BTWN: AVE. R, AVE. S**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K255**
Program / Asset #	: **BOE0547.000 / 2542**	**Yr Built/Renovated**	: **1953 / 2008**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **6821** **Lot** : **123**	**BIN**	: **3184034**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$135,900	$133,400
Interior Architecture	$573,600	$51,100
Electrical	$121,700	$1,127,300
Mechanical	$163,300	$402,300
Total	**$994,500**	**$1,714,100**
Importance Code A	$135,900	$133,400
Importance Code B	$858,600	$1,580,700
Total	**$994,500**	**$1,714,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,600			
Interior Architecture	$68,500		$33,400	$12,400
Electrical	$11,400	$900	$1,100	$1,100
Mechanical	$67,500	$12,500	$17,500	$14,700
Total	**$173,100**	**$13,300**	**$52,000**	**$28,200**
Importance Code A	$33,400	$7,700	$7,700	$7,700
Importance Code B	$82,100	$5,600	$44,300	$17,600
Importance Code C	$57,600			$2,900
Total	**$173,100**	**$13,300**	**$52,000**	**$28,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$138,900	
Masonry: Granite	5%			LIFE	* *	5	$6,000	
Masonry: Limestone	3%			LIFE	* *	5	$3,600	
Slate Panels	5%			LIFE	* *	5	$6,000	
Windows								
Aluminum	100%			2042	* *	5	$28,200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Steel Window Guards Need Painting								
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$77,900	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$7,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2031	* *	10	$64,000	
Ponding, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Copper/Terne	3%			2041	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$102,100	
Ceramic Tile	5%			2035	* *	5	$5,800	
Terrazzo	5%			LIFE	* *	5	$9,100	
Vinyl Tile	15%			2031	* *	3	$6,600	
Vinyl Tile	45%	0-2	$446,500	2036	* *	3	$19,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Explanation : 9x9 Tiles								
Wood	10%			2054	* *	5	$21,900	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$5,900	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,400	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,300	
Masonry: Brick	10%			LIFE	* *	10	$3,500	
Plaster	50%			LIFE	* *	5-10	$49,900	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$11,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	35%			2039	* *	5	$40,600	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Cafeteria								
Exposed Concrete	60%			LIFE	* *	5-10	$86,900	
Plaster	5%			LIFE	* *	5-10	$10,000	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Stairwells								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2056	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Fused Disc Sw	20%			2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$300	
Raceway								
Conduit	80%			2026	$99,100	1		
Conduit	20%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5	$100	
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	20%			2025	$26,900	5	$400	
Molded Case Bkrs	70%			2051	* *	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2026	$17,400	1		
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$68,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$12,400	10	$100	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$52,600	10	$9,400	
Exit, Service	50%			2021	$10,500	1		
Exterior Lighting								
HID	100%			2036	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$8,500	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$787,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$192,000	5	$24,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$77,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$163,300	2036	* *	4	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Under Auditorium Crawl Space And Other Locations In Basement - Steam Leaks Due To Corroded Steam And Condensate Return Piping								
Malfunctioning, Extent : Severe, Area Affected : 80%								
Location : Defective Steam Traps, Radiator Control Valves And Room Thermostats								
Terminal Devices								
Air Handler	20%			2026	$84,100	1	$9,600	
Convector/Radiator	80%	Now	$29,500	2031	* *	1	$18,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 255 - BK

Asset # : 2542

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	25%	0-2	$2,000	2024	$40,100	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Classrooms								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$68,800	
Exhaust Fans								
Interior	100%	0-2	$1,700	2026	$86,200	2	$1,900	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Flexible Duct Connection On Various Exhaust Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$18,100	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 256 - BK**
Address : **114 KOSCIUSKO STREET BTWN: NOSTRAND AVE., MARCY AVE**
Borough : **BROOKLYN** **Agency's Number** : **K256**
Program / Asset # : **BOE0548.000 / 1307** **Yr Built/Renovated** : **1959 / 2002**
Area Sq Ft : **89,000** **Project Type** : **EDUCATION**
Date of Survey : **24-Apr-2015** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1784** **Lot** : **11** **BIN** : **3049768**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$162,500	$247,600
Interior Architecture	$277,900	$302,900
Electrical	$242,700	$1,318,000
Mechanical		$1,574,200
Total	**$683,200**	**$3,442,700**
Importance Code A	$162,500	$731,800
Importance Code B	$520,700	$2,710,900
Total	**$683,200**	**$3,442,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,500			
Interior Architecture	$148,500		$10,300	$6,900
Electrical	$2,300	$700	$1,000	$1,800
Mechanical	$45,800	$28,800	$23,000	$16,800
Total	**$209,100**	**$29,500**	**$34,300**	**$25,500**
Importance Code A	$21,600	$9,100	$9,100	$9,100
Importance Code B	$118,300	$20,400	$25,200	$16,400
Importance Code C	$69,200			
Total	**$209,100**	**$29,500**	**$34,300**	**$25,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$129,300	
Metal Panel	15%			2046	* *	5-10	$78,500	
Windows								
Aluminum	100%			2042	* *	5	$17,100	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$42,600	
Metal Rail	45%			2039	* *	5-10	$101,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$7,800	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$86,100	
Copper/Terne	5%			2054	* *	10	$11,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$30,100	
Ceramic Tile	5%			2035	* *	5	$6,900	
Terrazzo	5%			LIFE	* *	5	$10,700	
Vinyl Tile	60%			2034	* *	3	$30,900	
Vinyl Tile 9" X 9"	20%	Now	$60,600	2021	$302,900	3	$10,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
Wood	5%	Now	$22,700	2041	* *	5	$6,400	
Broken/Missing Elements, Extent : Light, Area Affected : 20% *Location : Throughout*								
Interior Walls								
Ceramic Tile	5%	Now	$16,800	2035	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15% *Location : Toilet(s)*								
Concrete Masonry Unit	15%			LIFE	* *	5	$14,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,500	
Plaster	50%	Now	$24,400	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10% *Location : Throughout*								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,200	
Ceilings								
AcousTile,Adhered	25%	Now	$95,800	2031	* *	5	$17,200	
Cracking/Crumbling, Extent : Light, Area Affected : 30% *Location : Throughout*								
Water Penetration, Extent : Moderate, Area Affected : 10% *Location : Kindergarten Corridor*								
Exposed Concrete	55%	Now	$121,600	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5% *Location : Throughout*								
Exposed Struc: Steel	5%			LIFE	* *	10	$13,700	
Plaster	15%			LIFE	* *	5-10	$35,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Services Ratings @ 800 Amps Each								
Switchgear / Switchboard								
Fused Disc Sw	10%			2052	* *	5		
Molded Case Bkrs	90%			2026	$153,900	5	$2,100	
Raceway								
Conduit	95%			2026	$164,000	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2025	$170,400	5	$2,200	
Wiring								
Braided Cloth	95%	2-4	$242,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	4%			2036	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$62,000	10	$11,100	
Exit, Service	50%			2026	$12,400	1		
Exterior Lighting								
HID	100%			2021	$336,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$53,900	1	$6,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$184,400			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$226,200	5	$28,500	
Conversion Equipment								
Steam Boiler	100%			2024	$447,200	1	$91,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2026	$641,400	4	$6,800	
Terminal Devices								
Convector/Radiator	95%			2031	* *	1	$28,200	
Fan Coil Unit/Heat	5%			2026	$68,800	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$132,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,100	
Exhaust Fans								
Interior	20%			2026	$20,300	2	$600	
Roof	80%			2026	$58,400	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2046	* *	1		
Galv Iron/Steel	98%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$21,400	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank With 200 Gal Capacity								
HW Heat Exchanger								
Low Temp	100%			2026	$28,500	4	$13,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Capped, No Longer In Use								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One Sump Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 256 - BK

Asset # : 1307

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 257 - BK**
Address : **60 COOK STREET @ GRAHAM AVE.**
Borough : **BROOKLYN**
Agency's Number : **K257**
Program / Asset # : **BOE0549.000 / 968**
Yr Built/Renovated : **1962 / 2003**
Area Sq Ft : **89,000**
Project Type : **EDUCATION**
Date of Survey : **07-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3114** **Lot** : **11** **BIN** : **3071571**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$197,900	$274,700
Interior Architecture	$737,800	$643,000
Electrical	$560,400	$1,981,500
Mechanical	$549,100	$157,500
Total	**$2,045,100**	**$3,056,600**
Importance Code A	$645,000	$311,700
Importance Code B	$1,400,100	$2,744,900
Total	**$2,045,100**	**$3,056,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,700	$4,500	$8,400	
Interior Architecture	$84,100	$4,300		$14,600
Electrical	$3,200	$23,500	$2,300	$2,200
Mechanical	$40,700	$26,900	$22,400	$12,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$142,700**	**$63,200**	**$36,900**	**$33,400**
Importance Code A	$10,700	$13,800	$17,500	$9,100
Importance Code B	$94,300	$49,300	$19,500	$24,300
Importance Code C	$37,600			
Total	**$142,700**	**$63,200**	**$36,900**	**$33,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$10,700	LIFE	* *	5	$19,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	95%	Now	$109,000	LIFE	* *	5	$72,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	98%			2039	* *	5	$16,700	
Glass Block	2%			LIFE	* *	5	$200	
Parapets								
Metal Rail	90%			2036	* *	5-10	$202,500	
Metal: Cage/Fence	10%			2036	* *	5-10	$9,600	
Roof								
Built-Up (BUR)	70%			2028	* *	10	$63,400	
Built-Up (BUR)	28%			2028	* *	10	$25,400	
Copper/Terne	2%			2038	* *	10	$4,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,000	
Ceramic Tile	2%	Now	$2,700	2032	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	3%			LIFE	* *	5	$3,200	
Vinyl Tile	55%			2023	$643,000	3	$37,800	
Vinyl Tile	30%	Now	$350,700	2033	* *	3	$15,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Third Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Third Floor Corridor								
Wood	5%			2051	* *	5	$12,900	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Glazed Ceramic Panel	2%	Now	$3,800	LIFE	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Plaster	63%	Now	$30,700	LIFE	* *	5	$23,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$55,600	2043	* *	5	$4,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridor Near Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Teachers Lunch Room								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Corridor Near Kitchen								
AcousTileConcealSpLn	5%			2043	* *	5	$8,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	10%			2036	* *	5	$13,700	
Exposed Concrete	75%	Now	$331,500	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	Now	$34,400	LIFE	* *	5	$8,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$162,500	5	$400	
Fused Disc Sw	5%			2043	* *	5		
Raceway								
Conduit	10%			2043	* *	1		
Conduit	90%			2023	$155,300	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	80%			2022	$143,500	5	$1,900	
Molded Case Bkrs	5%			2039	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$989,700	10	$81,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$7,300	10		
Incandescent	2%			2018	$20,400	2		
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$336,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2018	$53,900	1	$6,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$276,500	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks - 7500 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$447,200	2043	* *	1	$81,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$64,100	2033	* *	4	$4,500	
Obsolete Equipment, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$5,000	2023	$99,100	1	$10,200	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motors And Bearings								
Convector/Radiator	80%			2028	* *	1	$23,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$37,800	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,200	
Exhaust Fans								
Interior	20%			2023	$20,300	2	$600	
Roof	80%			2023	$58,400	2	$2,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2017	$21,400	2	$1,300	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement And First Floor								
Explanation : Backs Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 257 - BK

Asset # : 968

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-3							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 26 - BX**				
Address	: **1930 ANDREWS AVENUE @ W. BURNSIDE AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X026**	
Program / Asset #	: **BOE0173.000 / 2693**		**Yr Built/Renovated**	: **1922 / 1998**	
Area Sq Ft	: **124,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Feb-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **3216**	**Lot** : **2**	**BIN**	: **2014692**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$900,400	$697,700
Interior Architecture	$1,888,400	$101,300
Electrical	$1,135,800	$915,900
Mechanical	$375,100	$266,100
Total	**$4,299,700**	**$1,981,000**
Importance Code A	$1,024,600	$739,700
Importance Code B	$2,949,700	$1,205,600
Importance Code C	$325,500	$35,700
Total	**$4,299,700**	**$1,981,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$69,500			$4,000
Interior Architecture	$105,700	$7,200		$11,900
Electrical	$2,700	$2,100	$1,700	$66,500
Mechanical	$15,600	$19,900	$34,500	$54,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$197,400**	**$33,100**	**$40,100**	**$141,200**
Importance Code A	$69,500	$12,600	$12,600	$16,900
Importance Code B	$85,100	$20,500	$27,500	$124,300
Importance Code C	$42,800			
Total	**$197,400**	**$33,100**	**$40,100**	**$141,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$316,000	LIFE	* *	5	$174,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%	Now	$134,700	LIFE	* *	5	$89,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	38%			LIFE	* *	5	$84,800	
Masonry: Fieldstone	10%	Now	$193,000	LIFE	* *	5	$16,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Connecting Corridor To 1980 Wing								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Connecting Corridor To 1980 Wing								
Stucco Cement	2%	0-2	$12,900	2038	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$64,300	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$52,900	LIFE	* *	5	$8,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5-10	$71,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	35%			LIFE	* *	5	$7,300	
Masonry: Limestone	5%	2-4	$10,900	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$6,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	35%	Now	$38,300	2030	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
IRMA/Protected Membrane	55%	Now	$104,800	2025	$349,200			1
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Modified Bitumen	5%			2030	* *	10	$4,000	
Slate	5%	Now	$13,500	LIFE	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$29,800	LIFE	* *	5	$20,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%	Now	$37,000	2034	* *	5	$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Toilets								
Terrazzo	5%			LIFE	* *	5	$7,500	
Vinyl Tile	30%			2033	* *	3	$21,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Cafeteria, Corridor(s)								
Vinyl Tile	5%			2020	$81,200	3	$4,800	
Vinyl Tile	25%	Now	$405,800	2035	* *	3	$17,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Kitchen Storage								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Kitchen Storage								
Vinyl Tile 9" X 9"	20%	0-2	$420,600	2035	* *	3	$14,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%	0-2	$94,400	2040	* *	5	$8,900	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$19,700	2028	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	20%	0-2	$39,400	LIFE	* *	5	$28,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%	Now	$23,200	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	2%			LIFE	* *			
Plaster	50%	Now	$286,100	LIFE	* *	5	$35,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%	Now	$386,100	2045	* *	5	$29,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria In 1980 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria In 1980 Wing								
Exposed Concrete	15%			LIFE	* *	5	$4,500	
Metal Panel	5%	Now	$31,900	LIFE	* *	5	$11,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Connecting Corridors Between 1922 And 1980 Wings								
Plaster	55%	Now	$137,800	LIFE	* *	5	$65,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$22,400	5	$300	
Fused Disc Sw	5%			2047	* *	5	$100	
Molded Case Bkrs	75%			2047	* *	5	$2,400	
Molded Case Bkrs	10%			2024	$22,400	5	$300	
Wiring								
Braided Cloth	50%	2-4	$149,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100% *Location : Original Building*								
Thermoplastic	40%			2025	$119,400	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$92,100	5	$700	
Motor Control Center	20%			2023	$144,500	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	* *	10	$105,300	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout The Building* *Explanation : Using T-8 Lamps*								
Fluorescent	6%			2033	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Throughout* *Explanation : Using Compact Flourescent Lamps*								
HID	2%			2020	$20,400	10	$100	
Incandescent	2%			2020	$28,300	2	$100	
Egress Lighting								
Emergency, Battery	40%			2020	$68,800	10	$12,300	
Emergency, Battery	10%			2030	* *	10	$3,100	
Exit, Service	45%			2030	* *	1		
Exit, Service	5%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$468,300	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$13,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$449,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2035	* *	5	$39,500	
Conversion Equipment								
Steam Boiler	100%	Now	$124,200	2030	* *	1	$113,700	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : 3 Units With Leakage And Corrosion								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$6,300	
Terminal Devices								
Air Handler	20%			2025	$137,500	1	$15,800	
Convector/Radiator	80%			2030	* *	1	$33,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	10%			2025	$43,300	1	$5,900	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Window/Wall Unit	50%			2020	$131,100	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2035	* *	4	$600	
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2025	$32,500	1	$7,900	
No Component	90%							
Heat Rejection								
Remote Air Cond	10%			2025	$45,700	2	$8,900	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,100	
Exhaust Fans								
Interior	85%			2020	$119,800	2	$3,300	
Roof	15%			2020	$15,200	2	$600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 26 - BX

Asset # : 2693

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2025	$39,600	4	$18,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-3							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$3,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 260 - BK**
Address : **875 WILLIAMS AVENUE BTWN:STANLEY AVE., GLENWOOD RD**
Borough : **BROOKLYN** | **Agency's Number** : **K260**
Program / Asset # : **BOE0552.000 / 2541** | **Yr Built/Renovated** : **1953 / 2002**
Area Sq Ft : **71,000** | **Project Type** : **EDUCATION**
Date of Survey : **08-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8158** **Lot** : **40** | **BIN** : **3229156**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$118,300	$63,000
Interior Architecture	$447,700	$480,300
Electrical	$162,400	$1,013,500
Mechanical		$742,000
Total	**$728,400**	**$2,298,800**
Importance Code A	$118,300	$417,500
Importance Code B	$557,000	$1,881,300
Importance Code C	$53,100	
Total	**$728,400**	**$2,298,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,200		$14,100	
Interior Architecture	$137,400		$11,600	$8,200
Electrical	$10,200	$900	$300	
Mechanical	$59,000	$11,500	$16,000	$12,400
Total	**$271,900**	**$12,300**	**$42,000**	**$20,600**
Importance Code A	$72,600	$7,200	$21,300	$7,200
Importance Code B	$145,200	$5,100	$20,600	$13,400
Importance Code C	$54,100			
Total	**$271,900**	**$12,300**	**$42,000**	**$20,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$125,900	
Masonry: Limestone	5%			LIFE	* *	5	$5,000	
Windows								
Aluminum	95%			2042	* *	5	$23,400	
Glass Block	5%			LIFE	* *	5	$1,500	
Parapets								
Masonry: Brick	85%	0-2	$34,400	LIFE	* *	5	$11,900	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	Now	$14,700	LIFE	* *	5	$1,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	5%	0-2	$1,300	2054	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Low Roof								
Roof								
IRMA/Protected Membrane	90%	Now	$55,300	2031	* *			
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 20%								
Location : Near Bulkheads And Penthouse								
Insul Miss/Displaced, Extent : Severe, Area Affected : 20%								
Location : Near Bulkhead And Mechanical Penthouse								
Metal Panel	10%			2039	* *	10	$14,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,700	
Ceramic Tile	5%			2035	* *	5	$5,500	
Sheet Vinyl/Rubber	10%	Now	$323,500	2036	* *	5	$8,200	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	25%			2034	* *	3	$10,200	
Vinyl Tile 9" X 9"	40%	0-2	$24,000	2021	$480,300	3	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	8%			2054	* *	5	$16,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$13,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,800	
Glazed Ceramic Panel	3%			LIFE	* *	10	$3,000	
Masonry: Brick	5%			LIFE	* *	10	$1,600	
Plaster	52%			LIFE	* *	5-10	$48,500	
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
SGFT/Glazed Masonry	25%	0-2	$53,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	20%	0-2	$10,100	2039	* *	5	$10,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Exposed Concrete	60%			LIFE	* *	5-10	$81,200	
Plaster	20%			LIFE	* *	5-10	$37,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2026	$86,700	1		
Conduit	30%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$6,700	5	$100	
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,700	
Wiring								
Braided Cloth	60%	2-4	$104,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2026	$17,400	1		
Thermoplastic	30%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								
Interior Lighting								
Fluorescent	87%			2021	$703,800	10	$58,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	3%			2021	$17,400	10	$100	
Incandescent	10%			2021	$80,900	2	$200	
Egress Lighting								
Emergency, Battery	50%			2021	$49,100	10	$8,800	
Exit, Service	50%			2021	$9,800	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$179,400	5	$22,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two 75,000 Gal Tanks								
Conversion Equipment								
Steam Boiler	100%			2024	$354,600	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units - Boiler #2 Undergoing Repair								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,600	
Terminal Devices								
Air Handler	25%			2021	$98,200	1	$11,300	
Convector/Radiator	75%	Now	$25,800	2031	* *	1	$15,900	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Throughout								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 260 - BK

Asset # : 2541

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$37,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,300	
Exhaust Fans								
Interior	90%			2026	$72,500	2	$2,000	
Roof	10%			2026	$5,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%	Now	$300	2021	$16,900	2	$800	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Controller Of The Heater, Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$25,500	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 261 - BK**		
Address	: **314 PACIFIC STREET @HOYT ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K261**
Program / Asset #	: **BOE0553.000 / 1310**	**Yr Built/Renovated**	: **1957 / 2006**
Area Sq Ft	: **89,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **14-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,4**		
Block	: **188** **Lot** : **14**	**BIN**	: **3001070**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$240,000	$65,400
Interior Architecture	$478,100	$755,200
Electrical	$1,452,700	$649,500
Mechanical	$208,200	$291,600
Total	**$2,379,100**	**$1,761,800**
Importance Code A	$240,000	$320,200
Importance Code B	$2,139,100	$1,441,600
Total	**$2,379,100**	**$1,761,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,400		$6,100	$16,500
Interior Architecture	$21,200	$11,100	$16,100	
Electrical	$25,900	$3,600	$38,900	$3,100
Mechanical	$49,900	$24,700	$64,400	$18,000
Total	**$120,400**	**$39,400**	**$125,600**	**$37,600**
Importance Code A	$43,400	$9,000	$15,300	$25,500
Importance Code B	$77,000	$30,300	$110,200	$12,100
Importance Code C				
Total	**$120,400**	**$39,400**	**$125,600**	**$37,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$65,400	
Metal/Glass Curt Wall	10%	Now	$148,300	LIFE	* *	5	$17,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Wing								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria Wing								
Stucco Cement	20%			2037	* *	5	$46,700	
Windows								
Aluminum	100%			2040	* *	5	$33,000	
Parapets								
Copper/Terne	10%			2059	* *	5	$6,800	
Masonry: Brick	75%			LIFE	* *	5	$10,500	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Panel	10%			2034	* *	5	$5,400	
Roof								
Built-Up (BUR)	50%			2029	* *	10	$38,600	
Built-Up (BUR)	50%	Now	$53,100	2029	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Around Roof Drain								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over First Floor Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Kitchen, Cafeteria, Auditorium, First Floor Classrooms								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,900	
Ceramic Tile	5%			2027	* *	5	$6,800	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	65%			2024	$755,200	3	$33,300	
Vinyl Tile	5%			2019	$58,100	3	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Explanation : 9x9 Tiles								
Wood	10%	4+	$135,200	2039	* *	5	$12,800	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Stage								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Granite Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$20,600	
SGFT/Glazed Masonry	30%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$13,600	
AcousTileConcealSpLn	15%	Now	$164,700	2044	* *	5	$12,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : At Second, Third And Fourth Floor Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Second, Third And Fourth Floor Corridors								
AcousTileConcealSpLn	10%			2029	* *	5	$17,000	
Exposed Concrete	55%	0-2	$120,100	LIFE	* *	5	$11,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage Room								
Plaster	10%	0-2	$17,800	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit To Street From Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Exit To Street From Kitchen								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2024	$11,100	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	$171,100	5	$2,300	
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	80%			2023	$143,500	5	$1,900	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$400	
Locally Mounted	30%	2-4	$22,700	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	80%			2019	$811,300	10	$67,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$8,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Staircases								
HID	2%			2024	$14,600	10	$100	
Incandescent	8%			2024	$81,100	2	$200	
Egress Lighting								
Emergency, Service	50%			2019	$22,500	1		
Exit, Service	50%			2019	$12,300	1		
Exterior Lighting								
HID	100%			2019	$336,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$10,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$17,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$28,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	1%	Now	$4,400	2044	* *	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Defective Breaching Exhaust Fan Bearings								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (2) #4 Oil Burning Steam Boilers								
Steam Boiler	50%	Now	$11,100	2029	* *	1	$40,700	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Boiler Defective Control Panel								
Steam Boiler	49%			2022	$217,800	1	$44,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boilers Are Beyond Their Useful Life Cycle								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$6,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam And Condensate Piping Are Beyond Their Useful Life Cycle								
Terminal Devices								
Air Handler	15%			2024	$73,800	1	$8,500	
Convector/Radiator	85%			2029	* *	1	$25,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Split Unit	10%			2029	* *			
Window/Wall Unit	80%	0-2	$15,000	2019	$150,100	1		
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Various Locations, Multiple Mechanical And/ Or Electrical Defects								
No Component	10%							
Distribution								
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Court Yard								
Explanation : Unit Was Replaced With The Split Unit								
No Component	90%							
Terminal Devices								
Air Handler/Cool/Ht	10%			2029	* *	1	$5,700	
No Component	90%							
Heat Rejection								
Air Condenser Unit	10%			2029	* *	2	$6,400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 261 - BK

Asset # : 1310

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2019	$20,200	2	$600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle								
Roof	80%	0-2	$5,800	2019	$58,100	2	$1,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof, Multple Mechanical And/ Or Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof, Exhaust Fans Are Beyond Their Useful Life Cycle								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$21,200	2	$1,300	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$13,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Student Toilet Rooms, Sluggish Operation								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Compressed Air	100%			2034	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 262 - BK**
Address : **500 MACON STREET BTWN: STUYVESANT AVE., MALCOLM X**
Borough : **BROOKLYN** | **Agency's Number** : **K262**
Program / Asset # : **BOE0554.000 / 1189** | **Yr Built/Renovated** : **1961 / 2000**
Area Sq Ft : **82,000** | **Project Type** : **EDUCATION**
Date of Survey : **17-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1671** **Lot** : **19** | **BIN** : **3046876**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$114,800	$684,500
Interior Architecture	$153,700	$839,600
Electrical	$230,000	$1,170,900
Mechanical		$618,000
Total	**$498,400**	**$3,313,100**
Importance Code A	$114,800	$1,133,500
Importance Code B	$334,200	$2,179,500
Importance Code C	$49,500	
Total	**$498,400**	**$3,313,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,700		$15,100	
Interior Architecture	$140,000		$11,900	$11,900
Electrical	$17,000	$600	$800	$1,600
Mechanical	$97,500	$16,500	$18,200	$12,300
Total	**$305,200**	**$17,100**	**$46,100**	**$25,800**
Importance Code A	$59,100	$8,400	$23,500	$8,400
Importance Code B	$207,100	$8,700	$22,600	$17,400
Importance Code C	$39,000			
Total	**$305,200**	**$17,100**	**$46,100**	**$25,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	* *	5	$21,000	
Masonry: Brick	65%			LIFE	* *	5	$91,100	
Masonry: Limestone	2%			LIFE	* *	5	$2,100	
Metal Panel	30%			2046	* *	5-10	$144,600	
Windows								
Aluminum	95%			2034	* *	5	$15,000	
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$16,300	
Masonry: Brick	40%			LIFE	* *	5-10	$31,400	
Metal Rail	55%			2039	* *	5-10	$114,000	
Roof								
Built-Up (BUR)	35%			2031	* *	10	$29,200	
IRMA/Protected Membrane	60%			2026	$399,500	10	$50,100	
Metal Panel	5%			2039	* *	10	$7,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$55,400	
Ceramic Tile	3%	0-2	$7,400	2035	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$4,000	
Vinyl Tile	65%	Now	$35,000	2026	$700,100	3	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%	0-2	$7,000	2021	$139,500	3	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	10%			2054	* *	5	$23,800	
Interior Walls								
Ceramic Tile	5%	Now	$15,500	2035	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,000	
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,000	
Plaster	55%	0-2	$49,500	LIFE	* *	5	$18,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	Now	$23,500	2031	* *	5	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
AcousTileConcealSpLn	25%			2031	* *	5	$39,600	
Exposed Concrete	50%			LIFE	* *	5-10	$79,100	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,700	
Plaster	15%			LIFE	* *	5-10	$32,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$100	
Molded Case Bkrs	80%			2026	$136,800	5	$1,700	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Molded Case Bkrs	90%			2025	$161,400	5	$1,900	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$400	
Locally Mounted	20%	2-4	$15,100	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$76,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$57,100	10	$10,200	
Exit, Service	50%			2026	$11,400	1		
Exterior Lighting								
HID	100%			2026	$309,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$49,600	1	$6,100	
Fire/Smoke Detection								
No Component	85%							
Generic, Analog	15%			2021	$127,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$26,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2024	$412,000	1	$83,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Boiler Burners Were Converted To Fire #4 Fuel Oil								
Distribution								
Steam Piping/Pump	100%	Now	$29,500	2036	* *	4	$4,200	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2026	$91,300	1	$10,500	
Convector/Radiator	80%			2031	* *	1	$21,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 262 - BK

Asset # : 1189

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%	0-2	$8,700	2026	$8,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
Window/Wall Unit	30%			2021	$52,200	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	
Exhaust Fans								
Interior	20%			2026	$18,700	2	$500	
Roof	80%			2026	$53,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$26,300	4	$12,600	
Sanitary Piping								
Cast Iron	10%	0-2	$18,400	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement, Heavy Internal Pipe Corrosion								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 268 - BK**
Address : **133 EAST 53RD STREET BTWN: WINTHROP ST., CLARKSON A**
Borough : **BROOKLYN** | **Agency's Number** : **K268**
Program / Asset # : **BOE0557.000 / 2818** | **Yr Built/Renovated** : **1953 / 2001**
Area Sq Ft : **71,000** | **Project Type** : **EDUCATION**
Date of Survey : **21-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4623** **Lot** : **28** | **BIN** : **3100292**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$303,700	$59,700
Interior Architecture	$71,100	$998,600
Electrical	$180,500	$1,436,500
Mechanical	$50,900	$501,500
Total	**$606,100**	**$2,996,200**
Importance Code A	$303,700	$451,200
Importance Code B	$302,400	$2,545,000
Total	**$606,100**	**$2,996,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$58,100		$15,400	
Interior Architecture	$86,900		$13,200	$16,600
Electrical	$2,300	$800	$1,000	$1,300
Mechanical	$52,100	$13,200	$16,900	$12,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$203,300**	**$18,000**	**$50,500**	**$34,300**
Importance Code A	$65,300	$7,200	$22,600	$7,200
Importance Code B	$84,500	$10,800	$27,900	$24,300
Importance Code C	$53,500			$2,700
Total	**$203,300**	**$18,000**	**$50,500**	**$34,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$106,100	
Masonry: Brick Cavity	10%	Now	$49,700	LIFE	* *	5	$6,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Masonry: Limestone	10%			LIFE	* *	5	$9,900	
Windows								
Aluminum	85%			2042	* *	5	$21,000	
Glass Block	10%	Now	$24,600	LIFE	* *	5	$1,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Bulkhead								
Steel	5%	Now	$64,500	2051	* *	5	$7,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$81,400	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,500	
Metal Rail	10%			2039	* *	5-10	$25,300	
Roof								
Built-Up (BUR)	95%	Now	$67,100	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium, Cafeteria								
Copper/Terne	5%	Now	$10,300	2041	* *			
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Over Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Bulkheads								
Interior								
Floors								
Ceramic Tile	3%			2035	* *	5	$3,300	
Terrazzo	2%			LIFE	* *	5	$3,400	
Vinyl Tile	30%			2026	$278,100	3	$16,400	
Vinyl Tile 9" X 9"	60%			2021	$720,500	3	$32,700	
Wood	5%			2054	* *	5	$10,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$5,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,800	
Marble Panels	5%			LIFE	* *	10	$2,200	
Plaster	55%			LIFE	* *	5-10	$51,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$13,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	$8,800	2039	* *	5	$6,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium,Cafeteria								
AcousTileSusp.Lay-In	15%			2039	* *	5	$16,200	
Exposed Concrete	60%			LIFE	* *	5-10	$81,200	
Plaster	15%	Now	$10,700	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Electrical Service Switches Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	70%			2026	$86,700	1		
Conduit	30%			2046	* *	1		
Panelboards								
Molded Case Bkrs	50%			2042	* *	5	$900	
Molded Case Bkrs	50%			2025	$67,300	5	$900	
Wiring								
Braided Cloth	75%	2-4	$130,400	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$400	
Locally Mounted	20%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	20%			2031	* *	10	$13,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	75%			2021	$606,800	10	$50,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2021	$40,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$49,100	10	$8,800	
Exit, Service	50%			2021	$9,800	1		
Exterior Lighting								
HID	100%			2026	$268,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside And Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$220,600			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Conversion Equipment								
Steam Boiler	100%			2024	$354,600	1	$72,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$50,900	2036	* *	4	$3,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Water Refill Tank, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 70%								
Location : And Thermostats, Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2026	$78,500	1	$9,000	
Convector/Radiator	80%			2031	* *	1	$18,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	15%	Now	$2,500	2031	* *	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Lower Roof								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Lower Roof								
Explanation : Both Units Are Out Of Service Due To Defective Valves								
Split Unit	10%			2026	$33,600			
Window/Wall Unit	20%	0-2	$1,500	2021	$29,900	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	55%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2031	* *	1	$6,800	
Fan Coil - Cooling	10%			2026	$25,200	1	$2,400	
No Component	75%							
Heat Rejection								
Remote Air Cond	10%			2026	$19,600	2	$5,100	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,300	
Exhaust Fans								
Interior	85%			2026	$68,400	2	$1,900	
Roof	15%			2026	$8,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galv Iron/Steel	50%	Now	$2,200	2031	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Water Supply Room, Basement								
Water Heater								
Gas Fired	100%			2025	$16,900	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2036	* *	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - BK

Asset # : 2818

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B - G								
Explanation : 1 Freight								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 268 - Q**		
Address	**: 92-07 175 STREET @JAMAICA AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q268**
Program / Asset #	**: BOE1036.000 / 13589**	**Yr Built/Renovated**	**: 2003 /**
Area Sq Ft	**: 100,106**	**Project Type**	**: EDUCATION**
Date of Survey	**: 22-Feb-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4,p**		
Block	**: 10215 Lot : 1**	**BIN**	**: 4217573**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$159,400
Interior Architecture	$63,700	$63,700
Electrical		$90,000
Total	**$63,700**	**$313,100**
Importance Code A		$159,400
Importance Code B	$63,700	$153,700
Total	**$63,700**	**$313,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,800		$49,300	$6,500
Interior Architecture	$16,300	$3,800		$16,300
Electrical	$10,700	$10,000	$24,900	$11,100
Mechanical	$65,300	$34,300	$67,900	$39,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$107,000**	**$56,000**	**$150,100**	**$81,100**
Importance Code A	$16,700	$9,900	$59,200	$16,700
Importance Code B	$90,200	$44,500	$90,800	$64,400
Importance Code C		$1,500		
Total	**$107,000**	**$56,000**	**$150,100**	**$81,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$124,300	
Metal Panel	5%			2044	* *	5-10	$47,500	
Window Wall	5%			2044	* *	5	$25,900	
Windows								
Aluminum	95%			2040	* *	5	$13,100	
Metal Louvers	5%			2037	* *	10	$4,300	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$10,500	
Metal: Cage/Fence	20%			2041	* *	5-10	$21,700	
Pre-Cast Concrete	5%	2-4	$2,500	LIFE	* *	5	$4,400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Stair Location								
Roof								
Built-Up (BUR)	50%			2029	* *	10	$23,400	
Paver: Asphalt	50%			2033	* *	10	$35,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,400	
Ceramic Tile	3%			2033	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	87%			2029	* *	3	$65,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$3,000	
Concrete Masonry Unit	70%			LIFE	* *	5	$28,100	
Gypsum Board	5%			LIFE	* *	5	$3,000	
SGFT/Glazed Masonry	22%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	85%			2037	* *	5	$127,400	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$9,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$30,800	
Generators								
Diesel	100%			2037	* *	1	$38,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 458 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$22,300	
Fuel Storage								
Day Tank	50%			2046	* *	5	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 100 Gals								
Main Tank	50%			2059	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2032	* *	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2032	* *	10	$9,200	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Staircases & Bathrooms								
HID	2%			2032	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2032	* *	1		
Exit, Service	40%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2059	* *	5	$2,900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$11,200	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$22,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$99,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,000	2044	* *	4	$4,900	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2029	* *	1	$31,000	
Convector/Radiator	40%			2037	* *	1	$12,900	
Unit Heater-Stm/HW	10%			2029	* *	4	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$46,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$61,900	
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$69,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,800	
Exhaust Fans								
Interior	80%			2029	* *	2	$2,500	
Roof	20%			2029	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2044	* *	1		
Galv Iron/Steel	30%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$23,300	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 268 - Q

Asset # : 13589

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, 1, 2, 3, 4, Ph								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$52,300	
Sprinkler								
Generic	100%			2050	* *	1-2	$28,000	
Fire Pump								
Generic	100%			2037	* *	1	$18,700	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 269 - BK**				
Address	: **1957 NOSTRAND AVENUE @ FOSTER AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K269**
Program / Asset #	: **BOE0558.000 / 2617**			**Yr Built/Renovated**	: **1952 / 2001**
Area Sq Ft	: **81,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **06-Dec-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **4994**	**Lot**	: **23**	**BIN**	: **3113780**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$426,900	$525,900
Interior Architecture	$1,175,600	
Electrical	$293,600	$1,019,600
Mechanical	$462,500	$747,600
Total	**$2,358,700**	**$2,293,100**
Importance Code A	$831,400	$525,900
Importance Code B	$1,472,000	$1,767,200
Importance Code C	$55,300	
Total	**$2,358,700**	**$2,293,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,800	$26,300		$20,600
Interior Architecture	$28,100	$14,400		$10,900
Electrical	$6,200	$10,400	$6,200	$25,000
Mechanical	$61,400	$45,800	$26,600	$62,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$103,400**	**$100,800**	**$36,800**	**$122,800**
Importance Code A	$3,800	$34,500	$8,200	$29,000
Importance Code B	$99,700	$63,200	$28,500	$93,800
Importance Code C		$3,100		
Total	**$103,400**	**$100,800**	**$36,800**	**$122,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$900	
Masonry: Brick	93%	2-4	$212,200	LIFE	* *	5	$70,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10% Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Pre-Cast Concrete	3%	Now	$3,800	LIFE	* *	5	$7,400	
Water Penetration, Extent : Light, Area Affected : 10% Location : Throughout								
Windows								
Aluminum	100%	2-4	$59,000	2041	* *	5	$14,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10% Location : Throughout								
Parapets								
Masonry: Brick	55%	Now	$101,400	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10% Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	15%			2038	* *	5-10	$43,300	
Metal Rail	10%			2030	* *	5-10	$28,900	
Stucco Cement	15%			2030	* *	5	$6,200	
Roof								
Built-Up (BUR)	5%			2033	* *	10	$4,400	
Copper/Terne	5%			2053	* *	10	$11,000	
IRMA/Protected Membrane	25%	Now	$8,800	2030	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20% Location : 1981/1952 Wings								
Insul Miss/Displaced, Extent : Severe, Area Affected : 5% Location : Throughout								
IRMA/Protected Membrane	65%	Now	$45,600	2025	$455,500			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5% Location : 1952 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10% Location : Bulkhead 1981 Construction								
Interior								
Floors								
Ceramic Tile	5%			2028	* *	5	$6,200	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	15%			2030	* *	3	$7,000	
Vinyl Tile 9" X 9"	70%			2020	$959,000	3	$43,500	
Wood	5%			2053	* *	5	$11,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$6,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,000	
Plaster	55%	0-2	$55,300	LIFE	* *	5	$20,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads And Room 223								
SGFT/Glazed Masonry	10%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%	2-4	$17,200	2030	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5	$9,700	
Fiber Board	20%			2020	$161,400			
Plaster	15%			LIFE	* *	5	$11,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	20%			2041	* *	5	$400	
Molded Case Bkrs	80%			2033	* *	5	$1,700	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$24,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Natural Gas	100%			2028	* *	1	$31,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 135 Kw Kohler								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,000	
Lighting								
Interior Lighting								
Fluorescent	96%			2025	$886,000	10	$73,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2025	$13,300	10	$100	
Incandescent	2%			2020	$18,500	2		
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$6,100	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$293,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$25,700	
Conversion Equipment								
Steam Boiler	100%	0-2	$404,500	2045	* *	1	$74,100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Main Units, 1 Donkey Boiler Gas Fired								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$58,000	2025	$580,200	4	$4,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : No Thermostats In The Building								
Terminal Devices								
Air Handler	20%			2030	* *	1	$10,300	
Convector/Radiator	80%	Now	$31,400	2030	* *	1	$19,300	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%			2026	$53,500	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Auditorium								
Explanation : 1 Unit								
Window/Wall Unit	20%			2020	$34,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,300	
Exhaust Fans								
Interior	70%			2025	$64,300	2	$1,800	
Roof	30%			2025	$19,800	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$49,600	1		
Water Heater								
Gas Fired	100%	Now	$19,300	2025	$19,300	2	$1,000	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,200	
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Cross Bay								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 269 - BK

Asset # : 2617

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$29,100	1-2	$700	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 270 - BK**		
Address	: **241 EMERSON PLACE BTWN: WILLOUGHBY AVE, DEAD END**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K270**
Program / Asset #	: **BOE0559.000 / 2744**	**Yr Built/Renovated**	: **1958 / 2002**
Area Sq Ft	: **72,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1923** **Lot** : **1**	**BIN**	: **3331567**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$467,100	$237,400
Interior Architecture	$258,500	$414,600
Electrical	$156,500	$700,400
Mechanical		$291,000
Total	**$882,100**	**$1,643,400**
Importance Code A	$467,100	$274,400
Importance Code B	$371,500	$1,368,900
Importance Code C	$43,400	
Total	**$882,100**	**$1,643,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$74,300			
Interior Architecture	$144,100		$2,800	$7,000
Electrical	$1,700	$500	$800	$1,400
Mechanical	$34,900	$11,200	$17,300	$15,800
Total	**$255,100**	**$11,700**	**$20,900**	**$24,200**
Importance Code A	$81,700	$7,400	$7,400	$7,400
Importance Code B	$123,900	$4,300	$13,500	$16,800
Importance Code C	$49,500			
Total	**$255,100**	**$11,700**	**$20,900**	**$24,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$19,200	
Masonry: Brick Cavity	55%			LIFE	* *	5	$67,700	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Areaway Adjacent To Furnace								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Dekalb Facade								
Explanation : Glazed Brick								
Metal/Glass Curt Wall	43%	2-4	$420,000	LIFE	* *	5	$49,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Emerson Place Facade								
Windows								
Aluminum	55%			2042	* *	5	$7,600	
Aluminum	40%			2042	* *	5	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grilles								
Glass Block	5%			LIFE	* *	5	$900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$28,600	
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$55,100	
Metal Rail	10%			2031	* *	5-10	$18,200	
Roof								
Built-Up (BUR)	45%			2026	$151,100	10	$33,000	
IRMA/Protected Membrane	50%			2031	* *	10	$36,700	
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roll Roofing	5%			2022	$15,100	5	$6,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$48,700	
Ceramic Tile	5%	0-2	$10,800	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$8,700	
Vinyl Tile	20%			2034	* *	3	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	40%	Now	$37,800	2026	$378,300	3	$16,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Cafeteria Floor								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : Cafeteria Floor								
Vinyl Tile 9" X 9"	10%	Now	$122,500	2036	* *	3	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Room 123, Custodian Office, Library								
Wood	10%			2041	* *	5	$20,900	
Interior Walls								
Concrete Masonry Unit	15%	Now	$32,800	LIFE	* *	5	$5,900	
Expansion Jnt Failure, Extent : Severe, Area Affected : 15%								
Location : Basement Corridor Near Rooms B8 And B9								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Diagonal Cracks In Gymnasium Walls								
Vertical Cracks, Extent : Severe, Area Affected : 15%								
Location : Basement Corridor Near Rooms B8 And B9								
Glazed Ceramic Panel	5%			LIFE	* *	10	$4,400	
Plaster	55%	0-2	$43,400	LIFE	* *	5	$16,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$12,300	
Ceilings								
AcousTile,Adhered	25%	Now	$25,800	2031	* *	5	$13,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2031	* *	5	$5,600	
Exposed Concrete	45%			LIFE	* *	5-10	$62,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,100	
Fiber Board	5%			2026	$36,300			
Plaster	15%			LIFE	* *	5-10	$28,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$146,600	5	$1,900	
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	80%			2025	$107,600	5	$1,500	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	86%			2031	* *	10	$58,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2031	* *	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
Fluorescent	10%			2031	* *	10	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Compact								
HID	2%			2021	$11,900	10		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$9,000	
Exit, Service	50%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$149,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$23,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$73,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,700	
Terminal Devices								
Air Handler	20%			2026	$80,100	1	$9,200	
Convector/Radiator	80%			2031	* *	1	$19,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$15,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,600	
Exhaust Fans								
Interior	40%			2031	* *	2	$900	
Roof	60%			2031	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2052	* *	1		
Galv Iron/Steel	95%			2024	$210,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 270 - BK

Asset # : 2744

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 272 - BK**
Address : **101-24 SEAVIEW AVENUE BTWN: EAST 101 ST., EAST 102 S**
Borough : **BROOKLYN**
Agency's Number : **K272**
Program / Asset # : **BOE0561.000 / 1279**
Yr Built/Renovated : **1957 / 2015**
Area Sq Ft : **80,000**
Project Type : **EDUCATION**
Date of Survey : **08-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8329** **Lot** : **250** **BIN** : **3235262**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$153,200	$149,900
Interior Architecture	$318,200	$808,900
Electrical	$415,100	$792,700
Mechanical		$715,900
Total	**$886,500**	**$2,467,400**
Importance Code A	$153,200	$186,900
Importance Code B	$692,500	$2,280,500
Importance Code C	$40,800	
Total	**$886,500**	**$2,467,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,300			
Interior Architecture	$89,000		$3,100	$9,200
Electrical	$10,600	$600	$1,000	$600
Mechanical	$73,800	$11,400	$24,000	$18,100
Total	**$221,700**	**$12,000**	**$28,100**	**$27,900**
Importance Code A	$56,400	$8,100	$8,100	$8,100
Importance Code B	$122,000	$3,900	$20,000	$19,800
Importance Code C	$43,400			
Total	**$221,700**	**$12,000**	**$28,100**	**$27,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$35,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	88%			LIFE	* *	5	$131,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$2,200	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$14,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	97%			2042	* *	5	$27,000	
Glass Block	3%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$102,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$9,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	97%			2031	* *	10	$84,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Copper/Terne	3%			2041	* *	10	$6,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,900	
Ceramic Tile	5%	0-2	$6,000	2035	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	5%			2026	$182,200	5	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Rubber Pads								
Terrazzo	5%			LIFE	* *	5	$9,600	
Vinyl Tile	60%	Now	$188,000	2021	$626,600	3	$27,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	20%			2031	* *	3	$9,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$15,500	
Concrete Masonry Unit	5%	0-2	$6,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,600	
Plaster	60%			LIFE	* *	5-10	$63,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,500	
Ceilings								
AcousTile,Adhered	25%	0-2	$14,200	2039	* *	5	$15,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2031	* *	5	$6,100	
Exposed Concrete	67%			LIFE	* *	5-10	$102,200	
Exposed Struc: Steel	3%			LIFE	* *	10	$7,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size - (2) 600 Amps								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Fused Toggle Switch	40%	2-4	$53,800	2051	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	40%			2034	* *	5	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%	2-4	$75,500	2046	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Mech Room								
Explanation : Obsolete Equipment								
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	93%			2036	* *	10	$70,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamps T-8								
HID	2%			2021	$13,100	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Type: Mercury, Sodium								
Incandescent	5%			2021	$45,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$20,200	1		
Exit, Service	25%			2031	* *	1		
Exit, Service	25%			2021	$5,500	1		
Exterior Lighting								
HID	100%			2021	$302,100	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$48,400	1	$6,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$165,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$25,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 12,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$81,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,700	2026	$573,000	4	$4,000	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$88,500	1	$10,200	
Convector/Radiator	80%			2031	* *	1	$21,200	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2031	* *	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof Top Unit								
Window/Wall Unit	5%			2021	$8,400	1		
No Component	75%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$26,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Interior	60%			2021	$54,400	2	$1,500	
Roof	40%			2021	$26,100	2	$1,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$19,100	2	$1,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 272 - BK

Asset # : 1279

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%			2020	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 273 - BK**				
Address	: **923 JEROME ST. BTWN: WORTMAN AVE., COZINE AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K273**	
Program / Asset #	: **BOE0562.000 / 2540**		**Yr Built/Renovated**	: **1952 / 2010**	
Area Sq Ft	: **86,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **11-Dec-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **4401**	**Lot** : **1**	**BIN**	: **3097973**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$200,400	$169,600
Interior Architecture	$183,500	$650,700
Electrical	$230,000	$1,965,100
Mechanical	$123,200	$714,400
Total	**$737,000**	**$3,499,800**
Importance Code A	$200,400	$626,800
Importance Code B	$432,100	$2,873,000
Importance Code C	$104,600	
Total	**$737,000**	**$3,499,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,700			
Interior Architecture	$117,500		$4,100	$12,400
Electrical	$20,400		$400	$1,000
Mechanical	$41,200	$14,000	$19,400	$17,500
Total	**$203,800**	**$14,000**	**$23,900**	**$30,900**
Importance Code A	$33,400	$8,700	$8,700	$8,700
Importance Code B	$142,500	$5,200	$15,200	$22,100
Importance Code C	$27,900			
Total	**$203,800**	**$14,000**	**$23,900**	**$30,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$152,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$6,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%			2042	* *	5	$28,400	
Glass Block	5%	Now	$7,500	LIFE	* *	5	$900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$48,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5-10	$104,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2036	* *	10	$93,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$40,400	
Ceramic Tile	5%			2035	* *	5	$6,600	
Terrazzo	3%			LIFE	* *	5	$6,200	
Vinyl Tile	45%			2026	$505,200	3	$29,700	
Vinyl Tile	25%			2031	* *	3	$12,400	
Vinyl Tile 9" X 9"	10%	Now	$29,100	2021	$145,500	3	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2041	* *	5	$12,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$16,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$6,000	
Plaster	55%			LIFE	* *	5-10	$62,200	
SGFT/Glazed Masonry	25%	Now	$64,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	20%			2031	* *	5	$32,800	
AcousTileSusp.Lay-In	5%			2031	* *	5	$6,600	
Exposed Concrete	55%			LIFE	* *	5-10	$90,200	
Metal Panel	5%			LIFE	* *	5	$16,400	
Plaster	15%			LIFE	* *	5-10	$33,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%			2026	$27,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps & One 600 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	10%			2034	* *	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,800	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$72,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	6%			2034	* *	10	$4,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	4%			2021	$39,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$59,500	10	$10,600	
Exit, Service	50%			2021	$11,900	1		
Exterior Lighting								
HID	100%			2021	$324,800	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2026	$890,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$27,300	
Conversion Equipment								
Steam Boiler	100%			2024	$429,500	1	$87,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$123,200	2036	* *	4	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pumps								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Areas								
Terminal Devices								
Air Handler	35%			2026	$166,500	1	$19,100	
Convector/Radiator	65%			2031	* *	1	$18,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2021	$45,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,900	
Exhaust Fans								
Interior	75%			2026	$73,100	2	$2,000	
Roof	25%			2026	$17,500	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$8,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 273 - BK

Asset # : 2540

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 274 - BK**				
Address	: **800 BUSHWICK AVENUE @ KOSCIUSZKO ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K274**
Program / Asset #	: **BOE0563.000 / 1280**			**Yr Built/Renovated**	: **1961 / 2007**
Area Sq Ft	: **103,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **3241**	**Lot**	: **37**	**BIN**	: **3073752**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$161,700	$185,900
Interior Architecture	$1,199,100	
Electrical	$149,200	$1,884,200
Mechanical	$168,200	$339,800
Total	**$1,678,300**	**$2,409,900**
Importance Code A	$161,700	$185,900
Importance Code B	$1,516,500	$2,224,000
Total	**$1,678,300**	**$2,409,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$600	$8,300	$1,400	$9,700
Interior Architecture	$73,000	$7,400	$4,000	$9,900
Electrical	$2,300	$38,600	$3,100	$3,500
Mechanical	$17,100	$56,200	$29,700	$15,800
Total	**$93,000**	**$110,400**	**$38,300**	**$38,900**
Importance Code A	$11,100	$18,800	$12,100	$20,200
Importance Code B	$39,800	$91,600	$26,100	$18,700
Importance Code C	$42,200			
Total	**$93,000**	**$110,400**	**$38,300**	**$38,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Ceramic Tile	3%			2043	* *	10	$2,500	
Masonry: Brick	92%	0-2	$122,200	LIFE	* *	5	$81,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$30,300	
Windows								
Aluminum	98%			2045	* *	5	$19,400	
Metal Louvers	2%	Now	$600	2032	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$10,100	
Metal Panel	5%			2049	* *	5	$2,800	
Metal Rail	25%			2040	* *	5-10	$65,100	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$104,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,800	
Ceramic Tile	5%	Now	$30,800	2032	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	Now	$37,000	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Steps At Main Entry								
Vinyl Tile	50%	Now	$135,300	2018	$676,500	3	$29,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout 9 X 9 Tiles								
Vinyl Tile	20%			2028	* *	3	$11,900	
Wood	10%	Now	$157,400	2038	* *	5	$14,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Loose Units, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Glazed Ceramic Panel	5%	4+	$11,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	4+	$31,100	LIFE	* *	5	$23,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$192,900	2043	* *	5	$14,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, First Floor Corridor								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria, First Floor Corridor								
AcousTileConcealSpLn	5%			2043	* *	5	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2028	* *	5	$4,800	
Exposed Concrete	65%			LIFE	* *	5	$16,100	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$9,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bolted Pressure Switch Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$400	
Raceway								
Conduit	80%			2023	$166,900	1		
Conduit	20%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$9,000	5	$100	
Molded Case Bkrs	10%			2022	$17,900	5	$300	
Molded Case Bkrs	85%			2045	* *	5	$2,300	
Wiring								
Braided Cloth	50%	2-4	$149,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2049	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$300	
Locally Mounted	50%			2040	* *	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To The Main Water Pipe								
Generic	50%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sprinkler Room								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$1,157,200	10	$95,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2018	$23,600	2		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$12,800	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$389,000	10	$300	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$31,200	1	$3,900	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$19,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$32,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : (2) 7500 Gal								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$105,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$37,100	2033	* *	4	$5,200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Thermostatic Control System								
Terminal Devices								
Air Handler	20%	Now	$2,300	2023	$114,600	1	$11,800	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Auditorium Blower, Fan Room								
Convector/Radiator	80%			2028	* *	1	$27,500	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$131,100	2023	$131,100	1		
Broken, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : .								
Explanation : Cafeteria And Auditorium Need Air Conditioning In Summer								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,300	
Exhaust Fans								
Interior	80%			2023	$94,000	2	$2,600	
Roof	20%	Now	$800	2023	$16,900	2	$500	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Roof Exhaust Fan, Motor And Bearing Problem								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2018	$24,700	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2043	* *	4	$10,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK

Asset # : 1280

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 274 - BK MINISCHOOL**				
Address	: **800 BUSHWICK AVENUE @ KOSCIUSZKO ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K876**
Program / Asset #	: **BOE0563.010 / 1281**			**Yr Built/Renovated**	: **1972 / 2010**
Area Sq Ft	: **10,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **23-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3241**	**Lot**	: **37**	**BIN**	: **3073752**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$60,600	$74,900
Interior Architecture		$126,600
Electrical		$198,100
Mechanical		$139,100
Total	**$60,600**	**$538,700**
Importance Code A	$60,600	$74,900
Importance Code B		$463,800
Total	**$60,600**	**$538,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$29,400		
Interior Architecture	$25,300	$2,600		
Electrical	$500	$1,600	$300	$400
Mechanical	$700	$2,200	$1,500	$500
Total	**$26,500**	**$35,800**	**$1,800**	**$900**
Importance Code A	$500	$29,900	$500	$500
Importance Code B	$25,900	$5,900	$1,200	$400
Importance Code C				
Total	**$26,500**	**$35,800**	**$1,800**	**$900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 274 - BK MINISCHOOL
Asset # : 1281

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	90%			2053	* *	5-10	$103,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	100%			2040	* *	10	$60,600	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$1,100	
Ceramic Tile	5%			2038	* *	5	$800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Mosaic Tile	2%			2043	* *	5	$800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	90%			2033	* *	3	$5,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gypsum Board	65%			LIFE	* *	5	$5,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	2-4	$25,300	2021	$126,600	5	$7,800	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2023	$22,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 274 - BK MINISCHOOL
Asset # : 1281

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	25%			2022	$7,500	5	$100	
Molded Case Bkrs	75%			2022	$22,400	5	$200	
Wiring								
Thermoplastic	100%			2023	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$114,000	10	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	5%			2023	$4,300	10		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$1,300	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$40,100	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$3,200	1	$400	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2023	$44,000	1-3	$2,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2023	$13,200	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Duct Mounted								
Explanation : 2 Units								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 274 - BK MINISCHOOL

Asset # : 1281

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2021	$139,100	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	100%			2018	$1,700	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit Of 50 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 276 - BK**
Address : **1070 EAST 83 STREET @AVENUE K**
Borough : **BROOKLYN** | **Agency's Number** : **K276**
Program / Asset # : **BOE0565.000 / 1284** | **Yr Built/Renovated** : **1964 / 2008**
Area Sq Ft : **77,000** | **Project Type** : **EDUCATION**
Date of Survey : **06-Jun-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **8034** **Lot** : **1** | **BIN** : **3225637**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$511,600	$691,900
Interior Architecture	$1,016,800	$44,600
Electrical	$1,485,000	$627,900
Mechanical	$37,900	$1,465,500
Total	**$3,051,400**	**$2,829,900**
Importance Code A	$511,600	$1,104,700
Importance Code B	$2,499,000	$1,725,200
Importance Code C	$40,800	
Total	**$3,051,400**	**$2,829,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,000			
Interior Architecture	$63,500		$2,200	$12,600
Electrical	$2,500	$3,100	$42,600	$2,200
Mechanical	$21,000	$14,700	$60,800	$14,800
Total	**$130,900**	**$17,800**	**$105,500**	**$29,700**
Importance Code A	$51,900	$7,900	$8,000	$7,900
Importance Code B	$61,600	$10,000	$97,600	$21,700
Importance Code C	$17,400			
Total	**$130,900**	**$17,800**	**$105,500**	**$29,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%	2-4	$10,800	LIFE	* *	5	$15,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	95%	0-2	$188,700	LIFE	* *	5	$62,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	2-4	$61,900	2049	* *	5	$7,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast in Place Concrete	60%			LIFE	* *	5	$66,700	
Masonry: Brick	25%	2-4	$15,500	LIFE	* *	5	$2,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	15%			2037	* *	5-10	$29,200	
Roof								
Built-Up (BUR)	10%	0-2	$35,900	2034	* *			
Blisters, Extent : Severe, Area Affected : 5%								
Location : Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria								
IRMA/Protected Membrane	90%	0-2	$225,100	2024	$562,700			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$6,200	LIFE	* *	5	$13,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2027	* *	5	$3,600	
Terrazzo	5%	Now	$5,500	LIFE	* *	5	$4,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Vinyl Tile	60%	Now	$182,100	2019	$606,800	3	$26,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	25%			2029	* *	3	$14,900	
Wood	2%			2039	* *	5	$4,500	
Interior Walls								
Ceramic Tile	3%	Now	$17,400	2027	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,100	
Plaster	72%			LIFE	* *	5	$22,700	
SGFT/Glazed Masonry	20%	2-4	$40,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	30%	Now	$28,800	2029	* *	5	$22,300	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Plaster	60%	0-2	$187,200	LIFE	* *	5	$44,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Classrooms 311, 313 & 317								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	85%			2023	$114,400	5	$1,700	
Molded Case Bkrs	5%			2046	* *	5	$100	
Wiring								
Thermoplastic	85%			2024	$147,800	1		
Thermoplastic	10%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	10%			2029	* *	10	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	77%			2019	$679,700	10	$56,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	3%			2019	$19,000	10	$100	
Incandescent	10%			2019	$88,300	2	$200	
Egress Lighting								
Emergency, Battery	50%			2019	$53,600	10	$9,600	
Exit, Service	50%			2019	$10,700	1		
Exterior Lighting								
HID	100%			2019	$290,800	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$69,900	1	$8,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$239,300	1-3	$14,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$195,700	5	$24,600	
Conversion Equipment								
Steam Boiler	100%			2022	$386,900	1	$78,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,900	
Terminal Devices								
Air Handler	20%	Now	$4,300	2024	$85,700	1	$8,800	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Ahu For Auditorium								
Explanation : Coil Leaks & Flexible Connection Is Broken								
Convector/Radiator	70%			2022	$525,500	1	$18,000	
Fan Coil Unit/Heat	10%			2024	$119,000	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	$7,400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Courtyard								
Window/Wall Unit	5%			2019	$8,200	1		
No Component	75%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2044	* *	4	$800	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2029	* *	1	$9,800	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2029	* *	2	$11,100	
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 276 - BK

Asset # : 1284

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,300	
Exhaust Fans								
Interior	40%	Now	$1,800	2024	$35,100	2	$800	
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Basement								
Roof	60%	Now	$800	2019	$37,900	2	$1,200	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : 2 Covers, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$71,200	1		
Water Heater								
Gas Fired	100%			2019	$18,500	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$46,400	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 277 - BK**
Address : **2529 GERRITSEN AVE. BTWN: AVE. X, BIJOU AVE.**
Borough : **BROOKLYN** **Agency's Number** : **K277**
Program / Asset # : **BOE0566.000 / 2539** **Yr Built/Renovated** : **1953 / 2005**
Area Sq Ft : **52,000** **Project Type** : **EDUCATION**
Date of Survey : **04-Mar-2015** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1,2,CS**
Block : **8590** **Lot** : **650** **BIN** : **3242369**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$406,500	$108,000
Interior Architecture	$100,600	
Electrical	$464,700	$367,800
Mechanical		$203,900
Total	**$971,800**	**$679,700**
Importance Code A	$406,500	$108,000
Importance Code B	$565,300	$571,700
Total	**$971,800**	**$679,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,900			
Interior Architecture	$93,600		$12,200	$1,200
Electrical	$52,000	$600	$900	$1,000
Mechanical	$46,600	$8,600	$11,600	$7,800
Total	**$209,200**	**$9,200**	**$24,700**	**$10,100**
Importance Code A	$36,800	$5,300	$5,300	$5,300
Importance Code B	$124,800	$3,900	$19,500	$3,600
Importance Code C	$47,600			$1,200
Total	**$209,200**	**$9,200**	**$24,700**	**$10,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$330,600	LIFE	* *	5	$36,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,900	
Windows								
Aluminum	100%			2042	* *	5	$16,100	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$88,800	
Masonry: Limestone	5%			LIFE	* *	5-10	$8,300	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$71,500	
Copper/Terne	5%			2054	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$69,900	
Ceramic Tile	5%			2029	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	65%			2031	* *	3	$19,500	
Wood	5%			2054	* *	5	$7,500	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$2,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,400	
Folding Partition	2%	Now	$6,400	2034	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Glazed Ceramic Panel	2%			LIFE	* *	10	$1,400	
Plaster	5%	Now	$3,200	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joint Between 1953 / 1968 Construction								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Expansion Joint Between 1953 / 1968 Construction								
Plaster	50%			LIFE	* *	5-10	$34,200	
SGFT/Glazed Masonry	28%			LIFE	* *	10	$11,300	
Ceilings								
AcousTile,Adhered	30%	Now	$44,200	2031	* *	5	$11,900	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : First Floor Corridor Near Expansion Joint								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	65%			LIFE	* *	5-10	$64,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$7,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%	2-4	$14,600	2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 400 Amperes Each - On Extended Life								
Fused Disc Sw	30%			2026	$6,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2056	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Fused Knife Sw	10%	2-4	$10,500	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Fused Toggle Switch	10%	2-4	$10,500	2051	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Molded Case Bkrs	65%			2025	$68,000	5	$900	
Molded Case Bkrs	10%			2034	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$156,500	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$46,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$1,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	3%			2021	$17,800	2		
Egress Lighting								
Emergency, Battery	50%			2021	$36,000	10	$6,400	
Exit, Service	50%			2021	$7,200	1		
Exterior Lighting								
LED	100%			2034	* *			
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$47,200	1	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$161,600	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Alarm System; Alarm Bells And Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$16,500	
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Boiler Room - Leaking Oil Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground Vault								
Explanation : 2 - 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$52,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BK

Asset # : 2539

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$18,600	2036	* *	4	$2,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Hallway Near Exit #9								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Defective Feed Water Pump, Condensate System Controls,1 Of 2 Boiler Header Valves, Vacuum Pump								
Terminal Devices								
Air Handler	25%			2026	$71,900	1	$8,300	
Convector/Radiator	75%			2031	* *	1	$12,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2031	* *	2	$300	
Window/Wall Unit	80%			2021	$87,700	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,100	
Exhaust Fans								
Interior	75%			2026	$44,200	2	$1,200	
Roof	25%			2026	$10,600	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$800	2036	* *	4	$5,300	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Defective Circulating Pump								
Sanitary Piping								
Cast Iron	100%	Now	$2,300	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : 2 Of 8 Toilet Rooms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 277 - BX**
Address : **519 ST ANNS AVENUE @E. 148 STREET**
Borough : **BRONX**
Agency's Number : **X027**
Program / Asset # : **BOE0174.000 / 478**
Yr Built/Renovated : **1897 / 2013**
Area Sq Ft : **72,000**
Project Type : **EDUCATION**
Date of Survey : **13-Feb-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2274** **Lot** : **23**
BIN : **2000114**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$848,000	$264,500
Interior Architecture	$619,600	$98,400
Electrical	$1,081,100	$266,100
Mechanical		$60,900
Total	**$2,548,700**	**$689,800**
Importance Code A	$848,000	$264,500
Importance Code B	$1,700,700	$389,300
Importance Code C		$36,000
Total	**$2,548,700**	**$689,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$48,900			
Interior Architecture	$112,400		$2,800	$5,800
Electrical	$2,100	$1,700	$13,800	$2,500
Mechanical	$38,400	$14,500	$29,100	$11,700
Total	**$201,800**	**$16,200**	**$45,700**	**$20,100**
Importance Code A	$56,200	$7,300	$7,500	$7,300
Importance Code B	$54,000	$8,900	$38,200	$12,700
Importance Code C	$91,500			
Total	**$201,800**	**$16,200**	**$45,700**	**$20,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%	Now	$336,000	LIFE	* *	5	$161,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$311,400	LIFE	* *	5	$103,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lobby								
Masonry: Limestone	5%	Now	$37,600	LIFE	* *	5	$5,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%	Now	$4,900	2034	* *	5	$12,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : West Wall Facing Fifth Floor Roof								
Paint Peeling, Extent : Moderate, Area Affected : 35%								
Location : West Wall Facing Fifth Floor Roof								
Windows								
Aluminum	100%	0-2	$162,900	2040	* *	5	$19,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	50%	Now	$14,500	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	40%	Now	$3,500	2029	* *			
Repairs in Progress, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *			
Copper/Terne	50%	Now	$25,900	2039	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,800	LIFE	* *	5	$12,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%	Now	$6,400	2027	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Quarry Tile	5%			2037	* *	5	$8,300	
Vinyl Tile	25%	Now	$47,100	2019	$235,600	3	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	17%	Now	$160,200	2034	* *	3	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	20%			2034	* *	3	$8,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	25%	0-2	$45,700	2039	* *	5	$26,000	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast Stone/Terra Cotta	5%	Now	$23,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	3%	Now	$11,400	2027	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Masonry: Brick	5%	Now	$26,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Basement								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Plaster	27%	Now	$29,900	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 5th Floor Classroom(s)								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 5th Floor Classroom(s), Lobby								
Plaster	60%			LIFE	* *	5	$24,800	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$4,500	2029	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Loose/Delam Surface, Extent : Light, Area Affected : 12%								
Location : Throughout								
Plaster	90%	Now	$130,900	LIFE	* *	5	$62,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Eletrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	70%			2040	* *	5	$1,300	
Molded Case Bkrs	20%			2023	$26,900	5	$400	
Wiring								
Braided Cloth	60%	2-4	$104,300	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2024	$52,200	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	73%			2019	$600,500	10	$49,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2029	* *	10	$13,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2019	$11,800	10		
Incandescent	5%			2019	$41,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$271,900	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$16,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$73,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$25,900	2044	* *	4	$3,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pumps, Boiler Room								
Terminal Devices								
Air Handler	10%	Now	$2,000	2029	* *	1	$4,100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Motor - 1st Floor								
Convector/Radiator	90%			2037	* *	1	$21,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2022	$60,900	1		
No Component	60%							
Ventilation								
Exhaust Fans								
Interior	10%			2024	$8,200	2	$200	
No Component	90%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$17,200	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$11,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 277 - BX

Asset # : 478

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 279 - BK**		
Address	: **1070 EAST 104 STREET BTWN: AVE. J, AVE. K**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K279**
Program / Asset #	: **BOE0568.000 / 1286**	**Yr Built/Renovated**	: **1959 / 2010**
Area Sq Ft	: **104,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8230** **Lot** : **1**	**BIN**	: **3326733**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$310,600	$122,200
Interior Architecture	$325,200	$787,900
Electrical	$55,100	$1,423,400
Mechanical		$300,100
Total	**$691,000**	**$2,633,500**
Importance Code A	$310,600	$122,200
Importance Code B	$380,400	$2,511,300
Total	**$691,000**	**$2,633,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$85,900		$8,000	
Interior Architecture	$196,800	$20,100	$5,000	$10,000
Electrical	$9,900	$1,200	$1,500	$1,900
Mechanical	$59,600	$20,300	$51,800	$23,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$360,100**	**$49,400**	**$74,200**	**$43,200**
Importance Code A	$95,000	$9,000	$17,000	$9,000
Importance Code B	$172,700	$40,400	$57,200	$34,200
Importance Code C	$92,400			
Total	**$360,100**	**$49,400**	**$74,200**	**$43,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$41,700	
Masonry: Brick	20%			LIFE	* *	5	$35,600	
Masonry: Brick Cavity	38%	4+	$25,300	LIFE	* *	5	$33,800	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Auditorium, Gymnasium, Parapets								
Masonry: Limestone	5%			LIFE	* *	5	$6,700	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal/Glass Curt Wall	32%			LIFE	* *	5	$106,700	
Windows								
Aluminum	95%			2042	* *	5	$19,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Windows								
Explanation : Protective Metal Grilles								
Metal Louvers	5%			2035	* *	10	$6,200	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$84,600	
Metal Rail	5%			2039	* *	5-10	$13,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$18,300	
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Coping Stone								
Roof								
Built-Up (BUR)	65%			2034	* *	10	$68,800	
Copper/Terne	5%			2061	* *	10	$13,200	
Modified Bitumen	30%	2-4	$185,100	2036	* *			
Blisters, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$16,700	LIFE	* *	5	$17,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Crawl Space Under Auditorium								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Crawl Space Under Auditorium								
Explanation : Heaving Due To Water Pressure Under Slab								
Ceramic Tile	5%	0-2	$15,600	2035	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$12,600	
Vinyl Tile	50%	0-2	$136,600	2026	$683,000	3	$30,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Audiotrium, Various Locations In Corridors								
Vinyl Tile	25%			2031	* *	3	$15,100	
Wood	10%	4+	$106,000	2054	* *	5	$15,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$9,800	2035	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$15,800	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,400	
Gypsum Board	15%			LIFE	* *	5-10	$36,200	
Plaster	35%	0-2	$20,000	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Corridors, Classrooms								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,800	
Ceilings								
AcousTile,Adhered	20%	0-2	$29,900	2031	* *	5	$16,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	25%			2043	* *	5	$40,100	
Exposed Concrete	32%	4+	$82,600	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	3%			LIFE	* *	10	$9,600	
Fiber Board	10%	4+	$5,200	2026	$104,800			
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	10%	0-2	$21,100	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Auditorium And Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	50%			2046	* *	1		
Conduit	50%			2026	$104,300	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	45%			2042	* *	5	$1,200	
Molded Case Bkrs	50%			2025	$89,700	5	$1,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$57,600	5	$400	
Locally Mounted	50%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	
Lighting								
Interior Lighting								
Fluorescent	40%			2031	* *	10	$39,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : New Section Of The Building								
Fluorescent	56%			2021	$667,700	10	$55,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Old Sections Of The Building								
Fluorescent	3%			2026	$35,800	10	$3,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Cases								
Incandescent	1%			2021	$11,900	2		
Egress Lighting								
Emergency, Battery	25%			2021	$36,200	10	$6,500	
Emergency, Battery	25%			2031	* *	10	$6,500	
Exit, Service	25%			2031	* *	1		
Exit, Service	25%			2021	$7,200	1		
Exterior Lighting								
HID	100%			2026	$392,800	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	70%			2046	* *	5	$23,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Natural Gas	30%			2046	* *	1		
Conversion Equipment								
Furnace	30%			2031	* *	1	$15,900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 9 Roof Mounted Units On New Addition								
Steam Boiler	70%			2031	* *	1	$74,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement In The Older Section Of The Building								
Explanation : 2 Steam Boiler Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Distribution								
Steam Piping/Pump	50%			2046	* *	4	$4,000	
Steam Piping/Pump	50%			2036	* *	4	$2,600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement In The Older Section Of The Building								
Explanation : The Steam And Condensate Piping Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2021	$115,800	1	$13,300	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Of Old Section Of The Building								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement In The Older Section Of The Building								
Explanation : The Air Handling Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Convector/Radiator	30%			2031	* *	1	$10,400	
Convector/Radiator	20%			2039	* *	1	$6,900	
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Covered Under The Cooling Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2031	* *	2	$2,000	
Window/Wall Unit	70%			2024	$154,500	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$94,800	
Exhaust Fans								
Interior	20%			2021	$23,700	2	$700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement Of Old Section Of The Building								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Roof	5%	Now	$2,100	2031	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof, 3 Burnt-out Fan Motors								
Roof	40%			2031	* *	2	$1,300	
Roof	35%			2021	$29,900	2	$1,200	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2046	* *	1		
Galv Iron/Steel	70%			2031	* *	1		
Water Heater								
Gas Fired	100%	Now	$2,500	2019	$25,000	2	$1,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Of The Older Section Of The Building								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$10,600	
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	70%			2031	* *	4	$1,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Submersible	30%	Now	$2,000	2021	$2,000	4	$500	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Crawl Space Below First Floor								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Sewage Ejector(s)								
Electric	100%	Now	$1,100	2031	* *	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Pump								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Through 3rd Floor Of New Wing of the Building								
Explanation : 2 Units								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement Through Third Floor								
Explanation : Equipment Have Been Condemned Due To Super Storm Sandy And Are Slated For 100% Replacement								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2046	* *	1-5	$16,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BK

Asset # : 1286

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2046	* *	1-2	$12,000	
Fire Pump								
No Component	70%							
Generic	30%			2035	* *	1	$6,000	
Chemical System								
No Component	50%							
Generic	50%			2024	$13,100	1-3	$25,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 279 - BX**		
Address	: **2100 WALTON AVE. @ E.181 ST**		
Borough	: **BRONX**	**Agency's Number**	: **X279**
Program / Asset #	: **BOE0984.000 / 4149**	**Yr Built/Renovated**	: **1992 /**
Area Sq Ft	: **93,416**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3178** **Lot** : **14**	**BIN**	: **2103867**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,164,100	$739,400
Interior Architecture	$315,100	$143,000
Electrical		$1,426,100
Mechanical	$154,800	$1,208,200
Total	**$1,634,000**	**$3,516,700**
Importance Code A	$1,209,600	$739,400
Importance Code B	$341,700	$2,732,100
Importance Code C	$82,800	$45,200
Total	**$1,634,000**	**$3,516,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$92,000		$28,200	
Interior Architecture	$72,900		$6,600	$24,400
Electrical	$24,800	$7,200	$8,200	$7,200
Mechanical	$67,700	$26,400	$28,900	$21,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$262,300**	**$38,500**	**$76,800**	**$57,700**
Importance Code A	$92,000	$9,300	$37,500	$9,300
Importance Code B	$116,400	$29,300	$39,300	$45,000
Importance Code C	$54,000			$3,400
Total	**$262,300**	**$38,500**	**$76,800**	**$57,700**

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	75%			LIFE	* *	5	$173,900	
Metal Panel	5%			2046	* *	5-10	$39,900	
Pre-Cast Concrete	15%	Now	$57,500	LIFE	* *	5	$56,500	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Ledge Detail Below Clerstory Windows At Gymnasium And Stair Bulkheads								
Window Wall	5%	Now	$27,900	2046	* *	5	$10,900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : West Bulkhead								
Windows								
Aluminum	95%	Now	$1,019,600	2051	* *	5	$12,200	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2029	* *	10	$8,000	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5-10	$29,300	
Masonry: Brick Cavity	35%			LIFE	* *	5-10	$36,600	
Metal Rail	10%			2039	* *	5-10	$27,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Security Bars	5%			2054	* *			
Metal: Cage/Fence	5%			2039	* *	5-10	$5,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$19,200	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Coping								
Roof								
IRMA/Protected Membrane	90%			2026	$529,500	10	$66,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Snow Present								
Modified Bitumen	10%			2031	* *	10	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Snow Present								
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2022	$89,200	3	$14,000	
Cast in Place Concrete	5%	2-4	$1,500	LIFE	* *	5	$15,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement - Near Sump Pump								
Ceramic Tile	5%			2035	* *	5	$7,000	
Vinyl Tile	80%	Now	$95,100	2031	* *	3	$41,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Floor Drain In Cafeteria								
Wood	5%			2054	* *	5	$13,100	
Interior Walls								
Cast in Place Concrete	5%	Now	$21,700	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Elevator Machine Room And Boiler Pit								
Ceramic Tile	5%			2035	* *	5	$6,800	
Concrete Masonry Unit	10%	Now	$15,200	LIFE	* *	5	$5,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stair To Mechanical Bulkhead								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Interior Bulkheads - All 3 Stairwells								
Gypsum Board	55%			LIFE	* *	5-10	$128,000	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$17,100	
Ceilings								
AcousTileSusp.Lay-In	65%			2039	* *	5	$90,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Metal decking								
Explanation : Material								
Gypsum Board	30%			LIFE	* *	5-10	$144,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	

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DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	15%			2042	* *	5	$300	
Molded Case Bkrs	85%			2042	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$28,700	
Generators								
Diesel	100%			2035	* *	1	$36,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 260 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$20,800	
Fuel Storage								
Day Tank	50%			2042	* *	5	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 30 Gals								
Main Tank	50%			2054	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gen Room								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2026	$933,900	10	$77,100	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	4%			2026	$29,800	10	$100	
Incandescent	6%			2026	$62,300	2	$100	
Egress Lighting								
Emergency, Service	50%			2026	$23,000	1		
Exit, Service	50%			2026	$12,600	1		
Exterior Lighting								
HID	100%			2021	$352,800	10	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$7,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%	0-2	$1,900	2046	* *	1		
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Petrometer								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 10,000 Gallon Oil Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$45,500	2031	* *	1	$83,300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Feed Water Tank								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Boiler Feed Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$65,200	2036	* *	4	$4,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Defective Vaccuum Pumping System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Terminal Devices								
Air Handler	40%			2026	$201,500	1	$23,100	
Air Handler	5%	0-2	$25,200	2036	* *	1	$2,600	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Building Management System								
Convector/Radiator	40%			2039	* *	1	$12,100	
Convector/Radiator	5%	0-2	$44,100	2046	* *	1	$1,400	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Building Management System								
Fan Coil Unit/Heat	10%			2026	$139,900	1	$3,000	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	5%			2024	$93,000	2	$300	
Split Unit	95%			2026	$409,600			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roofs								
Explanation : Air Cooled Condensing Unit								
Terminal Devices								
Direct Expansion	95%			2026	$275,400	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,500	
Exhaust Fans								
Interior	50%			2026	$51,600	2	$1,400	
Roof	50%			2026	$37,100	2	$1,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof, Inadequate Power Supply To Exhaust Fans								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$21,700	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Unit Goes From The Basement To The Fifth Floor								
Explanation : 1 Hydraulic Passenger Elevator								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$47,100	
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$5,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 279 - BX

Asset # : 4149

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 28 - BX**				
Address	: **1861 ANTHONY AVENUE @ E. TREMONT AVE.**				
Borough	: **BRONX**		**Agency's Number**	: **X028**	
Program / Asset #	: **BOE0175.000 / 479**		**Yr Built/Renovated**	: **1897 / 2011**	
Area Sq Ft	: **78,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Dec-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **2804**	**Lot** : **31**	**BIN**	: **2007603**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$260,100
Interior Architecture	$392,200	$60,000
Electrical	$696,200	$545,700
Mechanical		$802,200
Total	**$1,088,400**	**$1,668,100**
Importance Code A		$297,100
Importance Code B	$1,001,000	$1,371,000
Importance Code C	$87,400	
Total	**$1,088,400**	**$1,668,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$5,600	$21,100	
Interior Architecture	$12,800	$14,300		$7,500
Electrical	$2,300	$27,900	$1,700	$1,500
Mechanical	$50,200	$53,200	$11,600	$22,200
Total	**$65,300**	**$101,000**	**$34,400**	**$31,100**
Importance Code A	$7,900	$13,700	$29,000	$7,900
Importance Code B	$54,200	$87,300	$5,400	$23,200
Importance Code C	$3,100			
Total	**$65,300**	**$101,000**	**$34,400**	**$31,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	8%			LIFE	* *	5	$93,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	84%			LIFE	* *	5	$125,200	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Masonry: Fieldstone	3%			LIFE	* *	5	$3,400	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	2%			LIFE	* *	5	$2,200	
Stucco Cement	3%			2028	* *	5	$11,200	
Windows								
Aluminum	100%			2039	* *	5	$42,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$10,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2033	* *	10	$41,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,100	
Ceramic Tile	5%	0-2	$116,400	2038	* *	5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%	Now	$86,300	2036	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Slate	5%			LIFE	* *	5	$6,400	
Vinyl Tile	20%			2033	* *	3	$9,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	50%	Now	$102,100	2028	* *	3	$22,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Room 515 & Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Corridor(s)								
Wood	10%			2038	* *	5	$22,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Gypsum Board	5%	Now	$3,100	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%	0-2	$87,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$33,600	
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	$6,000	
AcousTileSusp.Lay-In	10%	0-2	$9,700	2028	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$7,500	
Plaster	80%			LIFE	* *	5	$60,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$100	
Fused Disc Sw	10%			2022	$13,500	5	$200	
Molded Case Bkrs	15%			2039	* *	5	$300	
Molded Case Bkrs	70%			2022	$94,200	5	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	10%			2043	* *	1		
Thermoplastic	90%			2023	$156,500	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	99%			2028	* *	10	$72,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	1%			2018	$8,900	2		
Egress Lighting								
Emergency, Battery	50%			2018	$54,100	10	$9,700	
Exit, Service	30%			2018	$6,500	1		
Exit, Service	20%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$294,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	66%							
Generic	34%			2018	$274,700	1-3	$16,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$79,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,000	2033	* *	4	$4,000	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Throughout The Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 28 - BX

Asset # : 479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%			2021	$682,100	1	$23,300	
Fan Coil Unit/Heat	10%	Now	$6,000	2023	$120,100	1	$2,300	
Broken, Extent : Moderate, Area Affected : 35%								
Location : Auditorium								
Air Conditioning								
Energy Source								
Electricity	10%			2039	* *	1		
No Component	90%							
Conversion Equipment								
Window/Wall Unit	10%			2021	$16,500	1		
No Component	90%							
Terminal Devices								
Fan Coil - Cooling	5%			2028	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : One Unit								
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2028	* *	2	$2,800	
Air Condenser Unit	95%			2028	* *	2	$53,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$18,700	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gal Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement And Yard								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 282 - BK**		
Address	: **180 6TH AVENUE @ BERKERLY PL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K282**
Program / Asset #	: **BOE0570.000 / 1288**	**Yr Built/Renovated**	: **1962 / 2001**
Area Sq Ft	: **87,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **28-Feb-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **950** **Lot** : **24**	**BIN**	: **3019597**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$211,100	$158,500
Interior Architecture	$488,000	
Electrical	$723,000	$715,200
Mechanical	$281,700	$714,200
Total	**$1,703,800**	**$1,587,900**
Importance Code A	$254,800	$195,500
Importance Code B	$1,449,000	$1,392,400
Total	**$1,703,800**	**$1,587,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$8,100		$4,200
Interior Architecture		$19,800	$5,100	$23,800
Electrical	$10,500	$1,200	$1,900	$19,600
Mechanical	$37,900	$17,100	$21,600	$31,000
Total	**$48,400**	**$46,300**	**$28,600**	**$78,700**
Importance Code A		$17,000	$8,900	$13,300
Importance Code B	$48,400	$29,200	$18,000	$65,400
Importance Code C			$1,800	
Total	**$48,400**	**$46,300**	**$28,600**	**$78,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$66,900	
Masonry: Brick Cavity	7%	Now	$39,000	LIFE	* *	5	$5,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Stair C								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C								
Metal Panel	3%			2045	* *	5-10	$15,300	
Windows								
Aluminum	100%			2041	* *	5	$16,700	
Parapets								
Metal Rail	100%			2038	* *	5-10	$219,900	
Roof								
Built-Up (BUR)	95%	Now	$38,600	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium, Room 211								
Metal Panel	5%			2038	* *	10	$8,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,400	
Ceramic Tile	5%			2034	* *	5	$6,700	
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	43%			2030	* *	3	$21,700	
Vinyl Tile 9" X 9"	30%	Now	$444,100	2035	* *	3	$15,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%			2053	* *	5	$25,200	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,800	
Marble Panels	3%			LIFE	* *			
Plaster	56%			LIFE	* *	5	$20,000	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$14,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	23%			2030	* *	5	$30,900	
AcousTileSusp.Lay-In	5%			2030	* *	5	$6,700	
Exposed Concrete	45%			LIFE	* *	5	$9,400	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2020	$43,900			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5	$16,800	
Metal Panel	2%			LIFE	* *	5	$3,400	
Plaster	5%			LIFE	* *	5	$4,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair E								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$153,900	5	$300	
Fused Disc Sw	10%			2045	* *	5		
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2024	$143,500	5	$1,800	
Wiring								
Braided Cloth	60%	2-4	$153,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2045	* *	1		
Thermoplastic	30%			2025	$76,700	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$500	
Variable Frequency Drive	10%			2042	* *			
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	2%			2033	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fluorescent	96%			2033	* *	10	$79,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2020	$7,200	10		
LED	1%			2033	* *			
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,800	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$328,600	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2020	$79,000	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$162,200	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Alarm Bells And Manual Pull Stations Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$27,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$43,700	2030	* *	1	$80,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Oil Leaking - Both Burners								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : #1 Boiler								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units - Only 1 Boiler Currently In Operation								
Distribution								
Steam Piping/Pump	100%	Now	$125,400	2035	* *	4	$4,400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Both Vacuum Pumps								
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Vacuum Pumps, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2030	* *	1	$11,100	
Convector/Radiator	80%			2023	$678,500	1	$23,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2030	* *	1	$8,300	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	40%			2020	$73,800	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2045	* *	4	$1,300	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2030	* *	1	$11,100	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2030	* *	2	$12,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$38,800	LIFE	* *	2-5	$50,100	
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Boiler Room Louver								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 282 - BK

Asset # : 1288

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%			2030	* *	2	$1,400	
Roof	50%			2025	$35,700	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,400	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 3%								
Location : Water Main								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Insulation Needed On Main Water Supply Line								
HW Heat Exchanger								
Low Temp	100%	Now	$5,600	2025	$27,900	4	$8,900	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Connection Pipes								
Sanitary Piping								
Cast Iron	100%	Now	$9,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2035	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$21,000	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 284 - BK**		
Address	: **220 WATKINS STREET BTWN: SUTTER AVE., DEAD END**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K284**
Program / Asset #	: **BOE0571.000 / 1275**	**Yr Built/Renovated**	: **1906 / 2011**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3544** **Lot** : **1**	**BIN**	: **3326517**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$291,100	$246,800
Interior Architecture	$358,000	$1,175,100
Electrical	$178,900	$1,340,900
Mechanical		$644,900
Total	**$828,000**	**$3,407,700**
Importance Code A	$291,100	$246,800
Importance Code B	$464,200	$3,115,900
Importance Code C	$72,700	$45,000
Total	**$828,000**	**$3,407,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,900	$23,800		
Interior Architecture	$84,900		$8,000	$15,000
Electrical	$13,700	$700	$900	$1,800
Mechanical	$108,200	$15,000	$20,900	$13,400
Total	**$227,800**	**$39,600**	**$29,800**	**$30,200**
Importance Code A	$30,200	$33,200	$9,400	$9,400
Importance Code B	$164,000	$6,400	$16,100	$20,800
Importance Code C	$33,600		$4,400	
Total	**$227,800**	**$39,600**	**$29,800**	**$30,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$129,400	
Masonry: Brick	45%			LIFE	* *	5	$149,000	
Masonry: Brick	40%			LIFE	* *	5	$132,500	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : North And South Facades								
Masonry: Limestone	10%			LIFE	* *	5	$24,800	
Windows								
Aluminum	100%			2048	* *	5	$47,700	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$100,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5-10	$9,400	
Roof								
Built-Up (BUR)	70%			2034	* *	10	$41,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Paver: Asphalt	30%			2035	* *	10	$26,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$31,000	
Ceramic Tile	5%			2029	* *	5	$7,100	
Vinyl Tile	75%	Now	$45,200	2026	$903,200	3	$39,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2021	$156,000	3	$7,100	
Wood	5%			2041	* *	5	$13,300	
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$8,800	
Masonry: Brick	10%			LIFE	* *	10	$5,300	
Plaster	10%	Now	$28,300	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%								
Location : Auditorium Corridor								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium Corridor								
Plaster	5%			LIFE	* *	5-10	$7,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Auditorium								
Plaster	70%			LIFE	* *	5-10	$104,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$131,700	2046	* *	5	$7,100	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	10%			LIFE	* *	5-10	$17,700	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Pool								
Plaster	10%	Now	$18,600	LIFE	* *	5	$8,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Pool Office								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Pool Office, Auditorium								
Plaster	70%			LIFE	* *	5-10	$170,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical & Boiler								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Boiler Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$2,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical & Boiler Room								
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,900	
Molded Case Bkrs	10%			2051	* *	5	$200	
Wiring								
Braided Cloth	70%	0-2	$178,900	2051	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$51,100	1		
Thermoplastic	10%			2056	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2024	$60,400	5	$500	
Locally Mounted	20%			2043	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$82,500	
T-8 Lamps, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
HID	2%			2036	* *	10	$100	
LED	3%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$63,800	10	$11,400	
Exit, Service	50%			2021	$12,800	1		
Exterior Lighting								
HID	100%			2021	$347,500	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$55,700	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Hallway								
Explanation : Intrusion Alarm & Motion Detector Only								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$381,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$93,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,000	2036	* *	4	$4,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 284 - BK

Asset # : 1275

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2021	$102,000	1	$11,700	
Convector/Radiator	70%			2031	* *	1	$21,400	
Fan Coil Unit/Heat	10%			2021	$141,700	1	$3,100	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	$58,400	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$83,500	
Exhaust Fans								
Interior	20%			2021	$20,900	2	$600	
Roof	80%	Now	$3,000	2021	$60,200	2	$1,900	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Roof								
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$28,300	2026	$282,600	1		
Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Water Heater								
Gas Fired	100%			2024	$22,000	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2024		4		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$33,100	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 286 - BK(CMHC-P811K/SIE I)**		
Address	: **2525 HARING STREET BTWN: AVE. Y, AVE.Z**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K286**
Program / Asset #	: **BOE0573.000 / 1260**	**Yr Built/Renovated**	: **1959 / 2014**
Area Sq Ft	: **74,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **06-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7447** **Lot** : **1**	**BIN**	: **3204767**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$115,900	$179,300
Interior Architecture	$464,300	$348,300
Electrical	$69,600	$1,784,400
Mechanical		$1,065,800
Total	**$649,800**	**$3,377,800**
Importance Code A	$115,900	$216,300
Importance Code B	$533,900	$3,161,600
Total	**$649,800**	**$3,377,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,800		$21,600	
Interior Architecture	$115,300		$8,200	$11,400
Electrical	$9,500	$5,100	$5,400	$6,000
Mechanical	$77,800	$15,600	$31,200	$28,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$228,500**	**$24,700**	**$70,400**	**$50,100**
Importance Code A	$29,300	$7,600	$29,200	$7,600
Importance Code B	$148,000	$17,200	$41,200	$41,000
Importance Code C	$51,200			$1,500
Total	**$228,500**	**$24,700**	**$70,400**	**$50,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 286 - BK(CMHC-P811K/SIE I)

Asset # : 1260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$12,700	
Glazed Ceramic Panel	3%			LIFE	* *	5	$17,800	
Masonry: Brick Cavity	60%			LIFE	* *	5	$75,900	
Metal/Glass Curt Wall	30%			LIFE	* *	5	$71,200	
Metal Panel	5%			2046	* *	5-10	$21,700	
Windows								
Aluminum	98%			2051	* *	5	$13,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$400	
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5-10	$8,800	
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$49,600	
Metal Rail	20%			2024	$55,200	5-10	$37,400	
Metal: Cage/Fence	7%			2046	* *	5-10	$5,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Over Second Floor								
Roof								
Built-Up (BUR)	67%			2031	* *	10	$50,500	
Copper/Terne	3%			2041	* *	10	$5,700	
Metal Panel	5%			2039	* *	10	$6,900	
Modified Bitumen	25%			2036	* *	10	$18,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Second Floor								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$50,000	
Ceramic Tile	3%			2035	* *	5	$3,400	
Terrazzo	2%			LIFE	* *	5	$3,600	
Terrazzo	3%			LIFE	* *	5	$5,400	
Vinyl Tile	32%	Now	$93,300	2026	$311,000	3	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor Classrooms Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Vinyl Tile	20%			2034	* *	3	$8,600	
Vinyl Tile 9" X 9"	25%	Now	$314,800	2036	* *	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Wood	5%			2054	* *	5	$10,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 286 - BK(CMHC-P811K/SIE I)

Asset # : 1260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$3,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,100	
Plaster	62%			LIFE	* *	5-10	$53,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$12,600	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$28,600	
Exposed Concrete	45%			LIFE	* *	5-10	$64,300	
Exposed Struc: Steel	3%			LIFE	* *	10	$6,900	
Fiber Board	5%			2026	$37,300			
Metal Panel	2%			LIFE	* *	5	$5,700	
Plaster	20%			LIFE	* *	5-10	$39,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200a Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	30%			2026	$44,000	5	$100	
Fused Disc Sw	10%			2046	* *	5		
Molded Case Bkrs	60%			2026	$88,000	5	$1,200	
Raceway								
Conduit	90%			2026	$111,500	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	5%			2025	$6,700	5	$100	
Molded Case Bkrs	80%			2025	$107,600	5	$1,600	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	40%	2-4	$69,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	50%			2026	$86,900	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 286 - BK(CMHC-P811K/SIE I)

Asset # : 1260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$22,000	1	$22,800	
Generators								
Natural Gas	100%			2022	$121,400	1	$28,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 100 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$2,700	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$66,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$12,200	10	$100	
Incandescent	3%			2021	$25,500	2	$100	
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2021	$8,200	1		
Exterior Lighting								
HID	100%			2021	$279,500	10	$200	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$766,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$23,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$7,400	2031	* *	1	$68,100	
Damaged, Extent : Light, Area Affected : 2%								
Location : Fresh Air Intake Dampers And Breeching Damper In Boiler #2								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- #4 Oil Burning Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 286 - BK(CMHC-P811K/SIE I)

Asset # : 1260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$10,700	2036	* *	4	$3,800	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : Defective Steam Traps								
Terminal Devices								
Air Handler	20%			2026	$82,400	1	$9,500	
Convector/Radiator	80%			2031	* *	1	$19,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	$77,800	1	$10,600	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Cooling	70%			2026	$246,800	2	$3,300	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$3,800	
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$120,900	1	$9,500	
Fan Coil - Cooling	80%			2026	$470,500	1	$19,700	
Heat Rejection								
Remote Air Cond	100%			2031	* *	2	$53,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,400	
Exhaust Fans								
Interior	80%			2026	$67,500	2	$1,900	
Roof	20%	0-2	$1,200	2026	$12,100	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 66%								
Location : Roof, 2 Of 3 Defective Fan Motors, 1 Of 3 Defective Fan Drive Assembly								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$11,400	2031	* *	1		
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Crawl Space								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$7,600	
Sanitary Piping								
Cast Iron	100%	0-2	$3,300	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Sewer Piping Leak At Basement Level Near Abandoned Incinerator								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 286 - BK(CMHC-P811K/SIE I)

Asset # : 1260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Submersible	100%	0-2	$1,300	2020	$6,700	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Compressed Air	100%			2036	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First To Third Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,100	
No Backflow Preventer, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 287 - BK**				
Address	: **50 NAVY STREET @NASSAU ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K287**	
Program / Asset #	: **BOE0574.000 / 1261**		**Yr Built/Renovated**	: **1953 / 2008**	
Area Sq Ft	: **78,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **21-Sep-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **111**	**Lot** : **1**	**BIN**	: **3000203**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$93,400	$146,500
Interior Architecture	$787,900	
Electrical	$303,100	$1,260,700
Mechanical	$82,200	$555,400
Total	**$1,266,700**	**$1,962,700**
Importance Code A	$93,400	$573,100
Importance Code B	$1,173,300	$1,389,600
Total	**$1,266,700**	**$1,962,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,000			$10,800
Interior Architecture	$700	$3,000	$20,800	$11,200
Electrical	$22,400	$2,100	$36,800	$1,400
Mechanical	$11,900	$13,500	$60,300	$16,300
Total	**$85,000**	**$18,600**	**$118,000**	**$39,800**
Importance Code A	$57,800	$7,900	$8,100	$18,800
Importance Code B	$27,200	$10,700	$109,900	$21,000
Importance Code C				
Total	**$85,000**	**$18,600**	**$118,000**	**$39,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	$93,400	LIFE	* *	5	$61,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,700	
Granite Panels	5%	0-2	$19,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	1%	0-2	$3,200	LIFE	* *	5	$500	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	4%			2037	* *	5	$7,300	
Windows								
Aluminum	80%			2040	* *	5	$21,700	
Aluminum	15%	0-2	$17,000	2032	* *	5	$2,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%	Now	$6,800	LIFE	* *	5	$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,600	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	100%			2032	* *	10	$84,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2033	* *	5	$6,000	
Vinyl Tile	70%	0-2	$35,600	2019	$712,800	3	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Vinyl Tile	5%			2029	* *	3	$3,000	
Wood	10%	4+	$39,500	2039	* *	5	$11,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Plaster	70%			LIFE	* *	5	$25,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2029	* *	5	$29,700	
AcousTileSusp.Lay-In	10%			2029	* *	5	$11,900	
Exposed Concrete	60%			LIFE	* *	5	$11,200	
Plaster	10%			LIFE	* *	5	$7,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 - Main Service Protectors Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2054	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	95%			2024	$117,700	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	95%			2023	$127,800	5	$2,000	
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	85%			2022	$64,200	5	$400	
Locally Mounted	15%	0-2	$11,300	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2024	$844,300	10	$69,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2024	$12,800	10	$100	
Incandescent	3%			2019	$26,700	2	$100	
Egress Lighting								
Emergency, Service	30%			2029	* *	1		
Exit, Service	30%			2029	* *	1		
Exit, Service	40%			2019	$8,600	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								
Security System								
No Component	85%							
Generic	15%			2032	* *	1	$4,400	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2029	* *	1-3	$7,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$24,800	
Conversion Equipment								
Steam Boiler	100%	Now	$7,800	2022	$389,500	1	$71,300	
Damaged, Extent : Moderate, Area Affected : 20%								
Location : #1 Boiler Insulation								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 287 - BK

Asset # : 1261

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$1,700	2024	$86,300	1	$8,900	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Basement								
Convector/Radiator	80%			2029	* *	1	$20,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	$82,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	90%			2024	$79,600	2	$2,200	
Roof	10%			2024	$6,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$18,600	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2024	$24,800	4	$7,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Sewage Ejector(s)								
Compressed Air	100%			2044	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$28,000	1-2	$700	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 288 - BK**		
Address	: **2950 WEST 25 STREET BTWN: MERMAID AVE., SURF AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K288**
Program / Asset #	: **BOE0575.000 / 1262**	**Yr Built/Renovated**	: **1962 / 2015**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7054** **Lot** : **45**	**BIN**	: **3189538**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$564,800	$384,300
Interior Architecture	$164,200	$834,600
Electrical		$692,400
Mechanical		$1,537,000
Total	**$729,000**	**$3,448,300**
Importance Code A	$564,800	$421,300
Importance Code B	$164,200	$3,027,000
Total	**$729,000**	**$3,448,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$44,000			
Interior Architecture	$105,900		$5,200	$11,400
Electrical	$12,800	$2,300	$900	$900
Mechanical	$100,900	$9,800	$33,700	$12,100
Total	**$263,500**	**$12,100**	**$39,900**	**$24,400**
Importance Code A	$44,000			
Importance Code B	$142,200	$12,100	$39,900	$21,600
Importance Code C	$77,300			$2,800
Total	**$263,500**	**$12,100**	**$39,900**	**$24,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$32,900	
Masonry: Brick Cavity	37%	Now	$97,200	LIFE	* *	5	$25,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Masonry: Brick Cavity	50%			LIFE	* *	5	$70,100	
Masonry: Limestone	3%			LIFE	* *	5	$3,200	
Metal Panel	5%			2046	* *	5-10	$24,100	
Windows								
Aluminum	75%	Now	$98,900	2042	* *	5	$5,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Steel	25%	4+	$205,600	2051	* *	5	$24,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Gymnasium								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Corridors And Gymnasium								
Parapets								
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$15,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$14,000	
Metal Rail	70%			2039	* *	5-10	$145,100	
Roof								
IRMA/Protected Membrane	60%	Now	$39,900	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Stair B, Gymnasium, Lower Roof								
IRMA/Protected Membrane	40%			2026	$266,300	10	$33,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Upper Roof								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$83,100	
Ceramic Tile	3%	Now	$7,400	2035	* *	5	$1,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
Quarry Tile	3%			2039	* *	5	$5,700	
Sheet Vinyl/Rubber	5%			2031	* *	5	$9,500	
Vinyl Tile	15%			2031	* *	3	$7,100	
Vinyl Tile 9" X 9"	54%			2021	$753,500	3	$34,200	
Wood	5%			2041	* *	5	$11,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$28,000	
Ceramic Tile	5%			2035	* *	5	$5,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,000	
Plaster	50%			LIFE	* *	5-10	$47,600	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,000	
Ceilings								
AcousTileConcealSpLn	10%			2031	* *	5	$15,800	
Exposed Concrete	60%			LIFE	* *	5-10	$94,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,700	
Metal Panel	25%			LIFE	* *	5	$79,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	20%			2052	* *	5	$400	
Under Construction	80%							
Raceway								
Conduit	80%			2026	$138,100	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	93%			2034	* *	10	$72,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2034	* *	10	$3,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
LED	2%			2034	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2021	$57,100	10	$10,200	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$309,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$74,400	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Boiler Room Is Under Construction, 1 Temporary Steam Boiler Being Used.								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Boiler Room Is Under Construction, 1 Temporary Steam Boiler Being Used.								
Distribution								
Steam Piping/Pump	100%			2026	$590,900	4	$6,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Room Is Under Construction.								
Terminal Devices								
Air Handler	20%			2031	* *	1	$10,500	
Convector/Radiator	80%	Now	$32,000	2024	$639,500	1	$19,700	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Various								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 288 - BK

Asset # : 1262

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2031	* *	1	$5,900	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Window/Wall Unit	10%			2019	$17,400	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Various								
No Component	75%							
Terminal Devices								
Direct Expansion	15%			2031	* *	1		
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2031	* *	2	$8,800	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$74,700	
Exhaust Fans								
Interior	20%			2026	$18,700	2	$500	
Roof	80%	Now	$2,700	2026	$53,800	2	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	$252,800	1		
HW Heat Exchanger								
Low Temp	100%	0-2	$26,300	2056	* *	4	$8,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2026	$19,800	1-2	$500	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 289 - BK**				
Address	: **900 ST. MARKS AVENUE @KINGSTON AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K289**	
Program / Asset #	: **BOE0576.000 / 1263**		**Yr Built/Renovated**	: **1958 / 2011**	
Area Sq Ft	: **93,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Sep-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1229**	**Lot** : **28**	**BIN**	: **3031050**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$203,500
Interior Architecture	$924,300	$242,800
Electrical	$679,100	$620,700
Mechanical	$515,900	$599,800
Total	**$2,119,300**	**$1,666,700**
Importance Code A	$464,400	$240,500
Importance Code B	$1,597,200	$1,426,300
Importance Code C	$57,700	
Total	**$2,119,300**	**$1,666,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,300		$12,100	$12,400
Interior Architecture	$134,300			$13,400
Electrical	$21,200	$2,800	$10,300	$2,200
Mechanical	$73,400	$19,400	$88,100	$14,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$268,100**	**$30,200**	**$118,300**	**$50,600**
Importance Code A	$31,300	$9,400	$21,800	$21,900
Importance Code B	$198,100	$20,700	$96,600	$28,700
Importance Code C	$38,700			
Total	**$268,100**	**$30,200**	**$118,300**	**$50,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$65,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$1,300	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	23%	0-2	$14,400	2044	* *	5	$37,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	75%			2049	* *	5	$24,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Aluminum	25%	0-2	$16,900	2040	* *	5	$4,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	65%			LIFE	* *	5	$11,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	35%			2050	* *	5	$24,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2032	* *	10	$100,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,600	
Ceramic Tile	5%	0-2	$13,800	2033	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%	Now	$41,000	2029	* *	5	$5,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	0-2	$33,200	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	0-2	$24,300	2024	$242,800	3	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	0-2	$133,600	2019	$667,800	3	$29,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	5%			2052	* *	5	$13,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$22,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$16,000	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	50%	0-2	$57,700	LIFE	* *	5	$21,600	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$28,800	
Ceilings								
AcousTile,Adhered	10%	Now	$13,200	2029	* *	5	$7,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
AcousTileConcealSpLn	25%	0-2	$28,700	2029	* *	5	$22,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5	$12,200	
Plaster	10%			LIFE	* *	5	$8,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 800 Amps								
Switchgear / Switchboard								
Fused Disc Sw	10%			2044	* *	5		
Molded Case Bkrs	90%			2024	$153,900	5	$2,200	
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	90%			2023	$161,400	5	$2,200	
Molded Case Bkrs	5%			2040	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	80%	2-4	$204,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	75%			2022	$56,700	5	$500	
Locally Mounted	25%	2-4	$18,900	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$84,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2024	$22,800	10	$100	
Egress Lighting								
Emergency, Battery	30%			2019	$38,600	10	$6,900	
Exit, Service	70%			2024	$18,000	1		
Exterior Lighting								
HID	100%			2019	$351,200	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$56,300	1	$7,000	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2032	* *	1-3	$11,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$29,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								

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DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$464,400	2044	* *	1	$85,000	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$33,300	2034	* *	4	$4,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	50%	Now	$51,400	2024	$257,200	1	$26,600	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Convector/Radiator	30%			2029	* *	1	$9,200	
Fan Coil Unit/Heat	20%	Now	$14,300	2024	$285,700	1	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$29,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$53,200	
Exhaust Fans								
Interior	25%			2024	$26,400	2	$700	
Roof	75%			2024	$56,900	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$5,700	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement Cross Bay								
Water Heater								
Gas Fired	100%			2019	$22,200	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								

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DEPARTMENT OF EDUCATION - 040

P. S. 289 - BK

Asset # : 1263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$6,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : Sewage Water Backup After Heavy Rain. Need Larger Size Pump								
Sewage Ejector(s)								
Electric	100%	Now	$1,100	2024	$11,100	4	$1,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Sewage Ejector								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) Passenger: 1-3 And (1) Freight: B-1								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,300	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 29 - BX**
Address : **758 COURTLANDT AVENUE @E. 156 STREET**
Borough : **BRONX**
Agency's Number : **X029**
Program / Asset # : **BOE0176.000 / 480**
Yr Built/Renovated : **1963 / 2011**
Area Sq Ft : **90,000**
Project Type : **EDUCATION**
Date of Survey : **18-Oct-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2403** **Lot** : **1**
BIN : **2001736**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$119,400	$73,100
Interior Architecture	$945,700	
Electrical	$471,300	$1,735,000
Mechanical	$152,800	$66,500
Total	**$1,689,100**	**$1,874,500**
Importance Code A	$119,400	$110,100
Importance Code B	$1,569,800	$1,764,400
Total	**$1,689,100**	**$1,874,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,800	$22,400		
Interior Architecture	$6,600	$12,200		$1,700
Electrical	$3,300	$6,500	$2,200	$2,200
Mechanical	$31,000	$53,700	$20,600	$12,800
Total	**$51,600**	**$94,800**	**$22,800**	**$16,800**
Importance Code A	$20,000	$31,800	$9,200	$9,200
Importance Code B	$28,500	$63,000	$13,600	$7,600
Importance Code C	$3,100			
Total	**$51,600**	**$94,800**	**$22,800**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$10,800	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Soffit At South Facade								
Masonry: Brick	95%			LIFE	* *	5	$73,100	
Windows								
Aluminum	100%			2048	* *	5	$17,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$8,800	
Metal Rail	30%			2028	* *	5-10	$68,300	
Roof								
Built-Up (BUR)	85%			2028	* *	10	$77,900	
Modified Bitumen	15%			2028	* *	10	$13,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,200	
Ceramic Tile	5%			2032	* *	5	$7,000	
Terrazzo	5%			LIFE	* *	5	$5,400	
Vinyl Tile	70%			2018	$827,500	3	$36,500	
Vinyl Tile	10%	Now	$118,200	2033	* *	3	$5,200	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor 9x9 Tiles								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : First Floor Corridor, Cafeteria								
Wood	5%			2051	* *	5	$13,000	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$6,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$20,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%			2036	* *	5	$52,100	
Exposed Concrete	60%			LIFE	* *	5	$13,000	
Plaster	10%			LIFE	* *	5	$8,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	20%			2022	$35,900	5	$400	
Molded Case Bkrs	75%			2022	$134,500	5	$1,800	
Molded Case Bkrs	5%			2045	* *	5	$100	
Wiring								
Braided Cloth	75%	2-4	$191,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gas Meter Room								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$1,031,800	10	$85,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2028	* *	1		
Exit, Battery	50%			2028	* *	10	$3,100	
Exterior Lighting								
HID	100%			2028	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$6,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$279,700	1-3	$16,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$28,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 7500 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$92,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,000	2033	* *	4	$4,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%			2028	* *	1	$11,500	
Convector/Radiator	80%			2036	* *	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$152,800	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	10%			2023	$10,300	2	$300	
Roof	90%			2023	$66,500	2	$2,600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Electric	100%			2018	$14,400	4	$800	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 29 - BX

Asset # : 480

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 290 - BK**				
Address	: **135 SCHENCK AVENUE BTWN: FULTON ST., ATLANTIC AVE**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K290**
Program / Asset #	: **BOE0577.000 / 1264**			**Yr Built/Renovated**	: **1979 / 2002**
Area Sq Ft	: **45,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Dec-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,p**				
Block	: **3949**	**Lot**	: **18**	**BIN**	: **3087821**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$567,000	$206,400
Interior Architecture	$238,700	$561,500
Electrical		$1,024,600
Mechanical		$994,400
Total	**$805,700**	**$2,786,900**
Importance Code A	$567,000	$432,500
Importance Code B	$238,700	$2,354,400
Total	**$805,700**	**$2,786,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,800			
Interior Architecture	$75,100		$3,500	$8,300
Electrical	$6,800	$300	$400	$900
Mechanical	$35,100	$23,100	$15,500	$19,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$133,800**	**$27,400**	**$23,400**	**$32,500**
Importance Code A	$17,400	$4,600	$4,600	$4,600
Importance Code B	$91,000	$22,800	$18,800	$27,900
Importance Code C	$25,400			
Total	**$133,800**	**$27,400**	**$23,400**	**$32,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$348,400	LIFE	* *	5	$38,500	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	10%	Now	$9,200	2046	* *	5	$8,000	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$115,800	2042	* *	5	$4,600	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$52,300	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Pre-Cast Concrete	10%	Now	$3,600	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$50,400	2026	$167,900			1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$13,500	2029	* *	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	95%	Now	$112,300	2026	$561,500	3	$24,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Corridors								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$36,900	
Metal Panel	25%			LIFE	* *	10	$6,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	75%	Now	$126,400	2031	* *	5	$32,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : 1st And 2nd Floors Throughout								
AcousTileSusp.Lay-In	10%			2039	* *	5	$6,900	
Exposed Struc: Steel	10%	Now	$29,300	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Missing Fire Protection								
Gypsum Board	5%	Now	$7,000	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$97,700	5	$200	
Fused Disc Sw	20%			2036	* *	5		
Raceway								
Conduit	90%			2026	$62,500	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	12%			2025	$12,600	5	$100	
Molded Case Bkrs	78%			2025	$81,600	5	$900	
Molded Case Bkrs	10%			2034	* *	5	$100	
Wiring								
Thermoplastic	90%			2026	$82,200	1		
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$300	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	2%			2026	$10,300	10	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : T-5 Lamps								
Fluorescent	93%			2026	$479,800	10	$39,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	5%			2021	$25,800	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$31,300	10	$5,600	
Exit, Service	50%			2021	$6,300	1		
Exterior Lighting								
HID	100%			2021	$170,000	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$3,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$114,400	5	$14,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2024	$226,100	1	$46,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$6,500	2036	* *	4	$2,300	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	80%			2031	* *	1	$12,000	
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse And Basement								
Explanation : Air Handlers Covered Under A C								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$157,600	1	$21,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Of 100 Tons Each								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$2,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$367,500	1	$28,700	
Heat Rejection								
Air Condenser Unit	100%			2026	$92,800	2	$32,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Air Condenser Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$41,000	
Exhaust Fans								
Interior	70%	0-2	$1,800	2026	$35,900	2	$800	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 1 Out Of 3 Motors Not Working, In The Basement								
Roof	30%			2026	$11,100	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2036	* *	1		
Galv Iron/Steel	75%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$14,400	4	$6,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - BK

Asset # : 1264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Travels From Basement : 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$23,400	
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 290 - M**		
Address	: **311 EAST 82 STREET @SECOND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M290**
Program / Asset #	: **BOE0113.000 / 2768**	**Yr Built/Renovated**	: **1903 / 2008**
Area Sq Ft	: **49,523**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **1545** **Lot** : **5**	**BIN**	: **1049876**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$127,800
Interior Architecture	$38,100	$42,900
Electrical	$187,000	$769,100
Mechanical	$141,200	$76,300
Total	**$366,300**	**$1,016,000**
Importance Code A		$127,800
Importance Code B	$328,200	$888,300
Importance Code C	$38,100	
Total	**$366,300**	**$1,016,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,800		$23,900	$13,400
Interior Architecture	$44,400		$3,600	$11,400
Electrical	$1,700	$1,900	$68,200	$1,900
Mechanical	$44,500	$7,300	$11,300	$7,300
Total	**$94,300**	**$9,200**	**$107,000**	**$34,000**
Importance Code A	$8,800	$5,000	$28,900	$18,500
Importance Code B	$62,100	$4,200	$78,100	$15,500
Importance Code C	$23,300			
Total	**$94,300**	**$9,200**	**$107,000**	**$34,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$47,300	
Masonry: Brick	85%			LIFE	* *	5	$80,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	100%			2040	* *	5	$26,700	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$5,200	
Metal Rail	5%			2037	* *	5-10	$6,300	
Pre-Cast Concrete	20%			LIFE	* *	5	$8,700	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$23,900	
Copper/Terne	5%			2052	* *	10	$3,300	
Skylight, Metal/Glass	5%			2044	* *	10	$4,400	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$2,000	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2027	* *	5	$3,800	
Panel/Paver: Cer/Brk	5%			2040	* *	5	$8,600	
Terrazzo	5%			LIFE	* *	5	$3,000	
Vinyl Tile	75%			2029	* *	3	$28,600	
Wood	5%			2039	* *	5	$7,100	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$4,700	
Glass: Single Pane	5%			LIFE	* *	5	$3,600	
Glass: Single Pane	5%			LIFE	* *	5	$3,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Corridor								
Explanation : Stained Glass Interior Windows.								
Masonry: Brick	15%			LIFE	* *			
Granite Panels	5%	0-2	$38,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Cellar								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Foundation								
Explanation : Part Of The Foundation Wall Was Granite Units.								
Plaster	55%	Now	$20,900	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Girls Bathroom In Cafeteria								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Girls Bathroom In Cafeteria								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,200	
Plaster	85%			LIFE	* *	5	$40,500	
Plaster	5%	Now	$10,000	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Ceilings Throughout.								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Closets In Room 501, 507, 508 And Girls Bathroom								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$200	
Raceway								
Conduit	80%			2024	$55,600	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$10,500	5	$100	
Molded Case Bkrs	70%			2023	$73,200	5	$900	
Molded Case Bkrs	20%			2046	* *	5	$300	
Wiring								
Thermoplastic	90%			2024	$82,200	1		
Thermoplastic	10%			2050	* *	1		
Motor Controllers								
Locally Mounted	85%			2041	* *	5	$300	
Locally Mounted	15%			2022	$6,800	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$509,200	10	$42,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2029	* *	10	$2,300	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Multipurpose Room & Kitchen								
HID	2%			2024	$8,100	10		
Incandescent	3%			2019	$17,000	2		
Egress Lighting								
Emergency, Battery	50%			2019	$34,400	10	$6,100	
Exit, Service	50%			2019	$6,900	1		
Exterior Lighting								
HID	100%			2019	$187,000	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$5,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$9,400	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$50,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gas Fired Steam Boiler								
1 Abandoned In Place Coal Burning Steam Boiler								
Distribution								
Steam Piping/Pump	100%	Now	$17,800	2034	* *	4	$2,500	
Steam Traps Faulty, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : Defective Feed Water Pumps								
deteriorating Feed Water Piping At Entrance Of Boiler								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 290 - M

Asset # : 2768

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%	Now	$8,700	2029	* *	1	$13,300	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Various Locations								
Fan Coil Unit/Heat	10%	Now	$7,600	2024	$76,300	1	$1,500	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Multipurpose Room								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2019	$104,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,400	
Exhaust Fans								
Interior	10%	Now	$600	2024	$5,600	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 5th Floor								
Roof	90%	Now	$36,400	2034	* *	2	$1,100	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$11,900	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Instantanious With 750 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Basement, Room 501 And Other Locations								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$3,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2034	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 295 / M.S. 443 - BK (K845)**				
Address	: **330 18 STREET @ PROSPECT EXPY.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K845**	
Program / Asset #	: **BOE0402.010 / 1396**		**Yr Built/Renovated**	: **1905 / 2013**	
Area Sq Ft	: **85,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **14-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **880**	**Lot** : **1**	**BIN**	: **3331274**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$277,000	$37,500
Interior Architecture	$1,178,300	$175,700
Electrical	$1,086,300	$167,000
Mechanical	$80,700	$893,400
Total	**$2,622,300**	**$1,273,500**
Importance Code A	$277,000	$37,500
Importance Code B	$1,950,200	$1,197,400
Importance Code C	$395,200	$38,700
Total	**$2,622,300**	**$1,273,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$35,900		$7,600	$8,500
Electrical		$1,100		$11,400
Mechanical	$13,800	$12,500	$22,800	$12,500
Total	**$49,700**	**$13,600**	**$30,400**	**$32,400**
Importance Code A	$9,400	$9,400	$9,400	$9,600
Importance Code B	$40,300	$4,200	$17,000	$22,800
Importance Code C			$4,000	
Total	**$49,700**	**$13,600**	**$30,400**	**$32,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$16,300	
Masonry: Brick	90%	Now	$113,000	LIFE	* *	5	$37,500	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Lintels								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Window Openings								
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Windows								
Aluminum	100%	4+	$86,600	2041	* *	5	$20,700	
Hardware Missing, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$37,500	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$9,100	
Roof								
Built-Up (BUR)	60%			2030	* *	10	$39,800	
Copper/Terne	5%			2053	* *	10	$8,300	
Plaza Roof: Stone Panels	35%			2045	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%	2-4	$29,400	LIFE	* *	5	$61,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$7,100	
Mosaic Tile	2%	Now	$5,100	2030	* *	5	$3,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Vestibule								
Vinyl Tile	8%			2035	* *	3	$5,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	40%	Now	$481,500	2035	* *	3	$21,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Cafeteria, Gym								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Upper Levels								
Explanation : 9x9 Tiles								
Wood	25%	0-2	$233,500	2028	* *	5	$33,200	
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Room 310								
Uneven Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$8,100	
Masonry: Brick	10%	Now	$188,400	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Northeast Side Of Basement								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Basement, Under Small Cafeteria								
Plaster	80%	Now	$206,800	LIFE	* *	5	$38,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair G, Bulkhead								
Wood	5%			LIFE	* *	5	$32,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	15%	0-2	$68,200	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%			LIFE	* *	5	$75,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$400	
Raceway								
Conduit	45%			2025	$77,700	1		
Conduit	50%			2035	* *	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	90%			2033	* *	5	$2,000	
Wiring								
Thermoplastic	85%			2035	* *	1		
Thermoplastic	10%			2025	$25,600	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	30%			2030	* *	10	$26,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	65%			2020	$682,900	10	$56,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2033	* *	10	$1,700	
T-5 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Auditorium								
HID	2%			2025	$15,100	10	$100	
Incandescent	1%			2020	$10,500	2		
Egress Lighting								
Emergency, Battery	50%			2025	$63,800	10	$11,400	
Exit, Service	50%			2025	$12,800	1		
Exterior Lighting								
HID	100%			2020	$321,000	10	$300	
Alarm								
Security System								
Not Accessible	100%							
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$93,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,700	
Terminal Devices								
Convector/Radiator	100%			2023	$893,400	1	$30,600	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement								
Explanation : Obsolete Ahus Remain In Basement								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 295 / M.S. 443 - BK (K845)

Asset # : 1396

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$38,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,700	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Not Useful Due To Ahu Out Of Service In Basement								
Exhaust Fans								
Interior	40%	0-2	$41,800	2035	* *	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Roof	30%			2025	$22,600	2	$900	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$22,000	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2045	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 297 - BK**				
Address	: **700 PARK AVENUE @ TOMPKINS AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K297**	
Program / Asset #	: **BOE0582.000 / 1269**		**Yr Built/Renovated**	: **1959 / 1999**	
Area Sq Ft	: **82,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1739**	**Lot** : **11**	**BIN**	: **3048508**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$287,400	$95,300
Interior Architecture	$1,289,300	
Electrical	$501,700	$809,800
Mechanical	$102,600	$632,900
Total	**$2,181,000**	**$1,538,000**
Importance Code A	$287,400	$507,300
Importance Code B	$1,893,600	$1,030,700
Total	**$2,181,000**	**$1,538,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$21,900		$13,100
Interior Architecture		$1,600	$3,600	$30,800
Electrical	$800	$900	$1,500	$24,400
Mechanical	$17,800	$11,700	$18,800	$11,700
Total	**$18,600**	**$36,100**	**$23,800**	**$80,000**
Importance Code A	$8,400	$30,300	$8,400	$21,500
Importance Code B	$10,200	$5,800	$13,800	$58,500
Importance Code C			$1,700	
Total	**$18,600**	**$36,100**	**$23,800**	**$80,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	86%	Now	$91,000	LIFE	* *	5	$60,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corners								
Masonry: Limestone	2%			LIFE	* *	5	$1,100	
Metal Panel	10%			2045	* *	5-10	$48,200	
Granite Panels	2%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%	Now	$66,000	2041	* *	5	$7,900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,200	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Rail	15%			2038	* *	5-10	$31,100	
Roof								
IRMA/Protected Membrane	98%	Now	$130,500	2030	* *			
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2038	* *	10	$3,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,900	
Ceramic Tile	3%			2034	* *	5	$3,800	
Vinyl Tile	10%			2030	* *	3	$4,700	
Vinyl Tile 9" X 9"	77%	Now	$214,900	2020	$1,074,400	3	$36,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2040	* *	5	$11,900	
Interior Walls								
Ceramic Tile	3%			2034	* *	5	$3,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,500	
Marble Panels	2%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$18,500	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2030	* *	5	$25,300	
Exposed Concrete	60%			LIFE	* *	5	$11,900	
Plaster	20%			LIFE	* *	5	$15,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$400	
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2051	* *	1		
Panelboards								
Molded Case Bkrs	20%			2047	* *	5	$400	
Molded Case Bkrs	80%			2024	$143,500	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$76,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-8 Lamps								
HID	2%			2020	$13,500	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$10,200	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$309,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$49,600	1	$6,100	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$297,300			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%			2023	$412,000	1	$83,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$59,100	2035	* *	4	$4,200	
Malfunctioning, Extent : Severe, Area Affected : 25%								
Location : Thermostats, Various Areas								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2025	$91,300	1	$10,500	
Convector/Radiator	80%			2030	* *	1	$21,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$43,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,200	
Exhaust Fans								
Interior	20%			2025	$18,700	2	$500	
Roof	80%			2025	$53,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$75,800	1		
HW Heat Exchanger								
Low Temp	100%			2025	$26,300	4	$12,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$600	2025	$11,100	4	$1,600	
Broken, Extent : Severe, Area Affected : 50%								
Location : 1 Motor, Basement								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 297 - BK

Asset # : 1269

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$29,600	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 298 - BK**
Address : **85 WATKINS STREET BTWN: PITKIN AVE., GLENMORE AVE.**
Borough : **BROOKLYN** **Agency's Number** : **K298**
Program / Asset # : **BOE0583.000 / 1270** **Yr Built/Renovated** : **1960 / 2010**
Area Sq Ft : **81,000** **Project Type** : **EDUCATION**
Date of Survey : **06-Nov-2014** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3507** **Lot** : **7** **BIN** : **3080768**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,700	$198,900
Interior Architecture	$61,500	$413,500
Electrical	$75,500	$1,574,500
Mechanical	$407,000	$948,800
Total	**$641,700**	**$3,135,700**
Importance Code A	$504,600	$224,800
Importance Code B	$137,100	$2,910,900
Total	**$641,700**	**$3,135,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$35,500	$7,900	$19,900	
Interior Architecture	$142,500		$27,400	$4,700
Electrical	$12,500	$900	$900	$1,800
Mechanical	$34,100	$15,100	$18,200	$12,100
Total	**$224,600**	**$23,900**	**$66,400**	**$18,600**
Importance Code A	$35,500	$16,200	$28,200	$8,300
Importance Code B	$127,900	$7,800	$38,200	$10,300
Importance Code C	$61,200			
Total	**$224,600**	**$23,900**	**$66,400**	**$18,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	10%			LIFE	* *	5	$72,200	
Masonry: Brick Cavity	80%			LIFE	* *	5	$123,200	
Metal Panel	10%			2046	* *	5-10	$52,900	
Windows								
Aluminum	95%			2048	* *	5	$15,800	
Glass Block	5%			LIFE	* *	5	$1,000	
Parapets								
Masonry: Brick	50%			LIFE	* *	5-10	$31,000	
Metal Rail	20%			2039	* *	5-10	$32,800	
Metal Security Bars	15%			2061	* *			
Pre-Cast Concrete	15%			LIFE	* *	5	$17,100	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$62,700	
Copper/Terne	5%			2061	* *	10	$8,200	
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$65,700	
Terrazzo	3%			LIFE	* *	5	$5,900	
Vinyl Tile	50%			2031	* *	3	$23,500	
Vinyl Tile 9" X 9"	30%			2021	$413,500	3	$18,800	
Wood	5%			2041	* *	5	$11,700	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$8,900	
Glazed Ceramic Panel	10%			LIFE	* *	10	$10,000	
Marble Panels	5%			LIFE	* *	10	$2,200	
Plaster	55%			LIFE	* *	5-10	$51,700	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$11,100	
Ceilings								
AcousTileConcealSpLn	25%			2039	* *	5	$39,100	
Exposed Concrete	45%			LIFE	* *	5-10	$70,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$12,500	
Fiber Board	5%			2031	* *			
Metal Panel	5%			LIFE	* *	5	$15,600	
Plaster	15%			LIFE	* *	5-10	$32,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$25,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2056	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,100	
Raceway								
Conduit	100%			2026	$172,600	1		
Panelboards								
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,700	
Molded Case Bkrs	5%			2051	* *	5	$100	
Wiring								
Thermoplastic	85%			2026	$217,200	1		
Thermoplastic	10%			2046	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%	2-4	$75,500	2046	* *	5	$300	
Mech. Misoperation, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	* *	10	$72,800	
T-8 Lamps, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
LED	5%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$56,400	10	$10,100	
Exit, Service	50%			2021	$11,300	1		
Exterior Lighting								
HID	100%			2021	$305,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2021	$73,500	1	$9,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Hallway								
Explanation : Intrusion Alarm & Motion Detector Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$335,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$205,900	5	$25,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal Tank								
Conversion Equipment								
Steam Boiler	100%	0-2	$407,000	2046	* *	1	$74,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2026	$583,700	4	$6,200	
Terminal Devices								
Air Handler	25%			2026	$112,700	1	$12,900	
Convector/Radiator	70%			2031	* *	1	$18,900	
Unit Heater-Stm/HW	5%			2026	$27,000	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$3,400	2021	$34,400	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Throughout								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,800	
Exhaust Fans								
Interior	30%			2026	$27,700	2	$800	
Roof	70%			2026	$46,500	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 298 - BK

Asset # : 1270

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$19,400	2	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 299 - BK**		
Address	: **88 WOODBINE STREET BTWN: EVERGREEN AVE., BUSHWICK A**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K299**
Program / Asset #	: **BOE0584.000 / 1271**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3358** **Lot** : **1**	**BIN**	: **3076734**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$308,600	$214,800
Interior Architecture	$456,300	$983,000
Electrical	$178,900	$1,037,600
Mechanical	$54,100	$1,401,100
Total	**$997,800**	**$3,636,600**
Importance Code A	$308,600	$248,100
Importance Code B	$638,000	$3,388,500
Importance Code C	$51,300	
Total	**$997,800**	**$3,636,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$80,500			
Interior Architecture	$123,500	$3,300		$10,700
Electrical	$12,200		$600	$1,000
Mechanical	$90,300	$14,600	$21,600	$13,300
Total	**$306,400**	**$17,900**	**$22,200**	**$25,000**
Importance Code A	$93,300	$8,700	$8,700	$8,700
Importance Code B	$152,100	$9,200	$13,500	$16,300
Importance Code C	$61,000			
Total	**$306,400**	**$17,900**	**$22,200**	**$25,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$37,900	
Masonry: Brick	95%	Now	$115,800	LIFE	* *	5	$76,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$145,900	2042	* *	5	$8,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	50%	Now	$13,700	LIFE	* *	5	$4,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$2,500	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Rail	45%			2039	* *	5-10	$77,300	
Roof								
Built-Up (BUR)	70%	Now	$22,200	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Cafeteria								
Copper/Terne	5%	Now	$9,300	2054	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Stair K/l								
IRMA/Protected Membrane	25%	Now	$13,800	2026	$138,000			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,400	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	Now	$30,500	2035	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 70%								
Location : Toilets								
Terrazzo	2%			LIFE	* *	5	$4,100	
Vinyl Tile	20%			2036	* *	3	$9,800	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	65%	Now	$188,000	2021	$940,200	3	$32,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			2061	* *	5	$12,300	
Interior Walls								
Concrete Masonry Unit	10%	Now	$25,800	LIFE	* *	5	$4,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Bulkheads								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Bulkheads								
Glazed Ceramic Panel	5%	Now	$18,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Auditorium Wall								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Wall								
Marble Panels	5%			LIFE	* *	10	$2,300	
Plaster	55%	Now	$51,300	LIFE	* *	5	$19,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$14,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$122,000	2046	* *	5	$6,600	
Adhesion Failure, Extent : Severe, Area Affected : 75%								
Location : Cafeteria, Rooms 121, 123, 125, 127								
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Cafeteria, Rooms 121, 123, 125, 127								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
AcousTile,Adhered	10%			2046	* *	5	$13,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
AcousTileConcealSpLn	10%			2031	* *	5	$16,400	
AcousTileSusp.Lay-In	7%			2031	* *	5	$9,200	
Exposed Concrete	45%	Now	$95,000	LIFE	* *	5	$9,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout, Room106								
Exposed Struc: Steel	3%			LIFE	* *	10	$7,900	
Fiber Board	5%	Now	$4,300	2026	$42,800			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%			LIFE	* *	5-10	$22,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout, Rm102								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$33,300	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$171,100	5	$2,200	
Raceway								
Conduit	97%			2026	$167,400	1		
Conduit	3%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,800	
Molded Case Bkrs	10%			2042	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2026	$51,100	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2039	* *	5	$400	
Locally Mounted	30%			2024	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	5%			2036	* *	10	$4,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room - Basement								
Fluorescent	85%			2034	* *	10	$68,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$59,200	10	$10,600	
Exit, Service	50%			2021	$11,800	1		
Exterior Lighting								
HID	100%			2021	$321,000	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2029	* *	5	$700	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	99%			2039	* *	1	$86,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	1%	0-2	$4,300	2046	* *	1	$800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Combustion Air Intake Dampers								
Distribution								
Steam Piping/Pump	80%			2026	$490,000	4	$5,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Steam Piping/Pump	2%	0-2	$12,300	2056	* *	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Vacuum Pumping System								
Steam Piping/Pump	18%			2052	* *	4	$800	
Terminal Devices								
Air Handler	20%			2021	$94,600	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Convector/Radiator	80%			2024	$662,900	1	$22,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2024	$54,100	1		
Window/Wall Unit	30%	0-2	$54,100	2026	$54,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 299 - BK

Asset # : 1271

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%			2021	$19,400	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Basement Fan Room								
Roof	15%	0-2	$10,500	2036	* *	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Roof	65%			2021	$45,300	2	$1,700	
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$20,400	2	$1,300	
Sanitary Piping								
Cast Iron	5%	0-2	$9,500	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 5%								
Location : Boys Second Floor Toilet Room, Probable Cracked Floor Drain Piping								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	10%	0-2	$12,200	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Near Room 421 And Room 106, Probable Cracked Storm Drain Piping								
Cast Iron	90%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2036	* *	1-2	$700	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 30 - BX**		
Address	: **510 EAST 141 STREET @BROOK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X030**
Program / Asset #	: **BOE0177.000 / 481**	**Yr Built/Renovated**	: **1924 / 2012**
Area Sq Ft	: **84,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2267** **Lot** : **15**	**BIN**	: **2000077**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,000	$202,700
Interior Architecture	$1,303,900	
Electrical	$711,900	$632,100
Mechanical	$834,900	
Total	**$2,904,700**	**$834,800**
Importance Code A	$474,600	$239,700
Importance Code B	$2,147,900	$595,100
Importance Code C	$282,200	
Total	**$2,904,700**	**$834,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$8,100		$10,400	$8,900
Electrical	$1,700	$1,400	$79,700	$1,400
Mechanical	$10,400	$17,500	$54,700	$13,300
Total	**$20,200**	**$18,900**	**$144,800**	**$23,600**
Importance Code A		$8,600	$8,700	$8,600
Importance Code B	$20,200	$10,400	$136,100	$15,000
Importance Code C				
Total	**$20,200**	**$18,900**	**$144,800**	**$23,600**

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,100	
Masonry: Brick	95%			LIFE	* *	5	$143,600	
Windows								
Aluminum	100%			2046	* *	5	$43,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$5,500	
Masonry: Brick	90%			LIFE	* *	5	$12,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$54,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,100	
Ceramic Tile	3%	Now	$75,200	2039	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	0-2	$181,400	2019	$604,800	3	$26,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	27%			2034	* *	3	$13,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2064	* *	5	$12,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%	Now	$133,300	2039	* *	5	$2,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,200	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	67%	0-2	$86,600	LIFE	* *	5	$32,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$62,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Expansion Joints Throughout								
Explanation : Vertical Cracks								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2037	* *	5	$16,200	
AcousTileConcealSpLn	5%	Now	$52,300	2044	* *	5	$4,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Exposed Concrete	40%			LIFE	* *	5	$8,100	
Metal Panel	5%	Now	$108,000	LIFE	* *	5	$8,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$32,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	100%			2024	$172,600	1		
Panelboards								
Fused Disc Sw	20%			2023	$35,900	5	$400	
Molded Case Bkrs	80%	4+	$43,100	2032	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : Additional Power Outlets Needed In All Classrooms								
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Thermoplastic	30%			2024	$76,700	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$600	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	18%			2019	$172,800	10	$14,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Cafeteria								
Explanation : Using T-12 Lamps								
Fluorescent	80%			2032	* *	10	$63,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Classrooms								
Explanation : Using T-8 Lamps								
HID	1%			2019	$6,900	10		
Incandescent	1%			2019	$9,600	2		
Egress Lighting								
Emergency, Service	35%			2019	$14,900	1		
Emergency, Battery	15%			2019	$17,500	10	$3,100	
Exit, Service	50%			2019	$11,700	1		
Exterior Lighting								
HID	100%			2019	$317,200	10	$300	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	* *	1	$4,700	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2029	* *	1-3	$8,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$26,800	
Conversion Equipment								
Steam Boiler	100%	0-2	$420,600	2044	* *	1	$77,000	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$120,700	2034	* *	4	$4,300	
Obsolete Equipment, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$93,200	1	$10,700	
Convector/Radiator	80%			2029	* *	1	$22,300	
Air Conditioning								
Energy Source								
Electricity	20%			2032	* *	1		
No Component	80%							
Conversion Equipment								
Window/Wall Unit	80%			2019	$142,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,200	
Exhaust Fans								
Interior	10%			2024	$9,600	2	$300	
Roof	85%	Now	$5,800	2019	$58,400	2	$1,800	
Broken, Extent : Moderate, Area Affected : 25%								
Location : Exhaust Fans Hoods								
Wall Unit	5%			2024	$6,500	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2024	$800	1	$500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX

Asset # : 481

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	70%							
Generic	30%			2019	$7,800	1-3	$15,200	
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Explanation : Water Pressure Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 30 - BX AX (ECF-S X ECC 2)**		
Address	: **577 EAST 139 STREET @ST. ANNS AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X855**
Program / Asset #	: **BOE0177.010 / 482**	**Yr Built/Renovated**	: **1974 / 2010**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2552** **Lot** : **70**	**BIN**	: **2003646**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$58,000	
Electrical	$182,900	$82,000
Mechanical		$54,500
Total	**$240,900**	**$136,500**
Importance Code A		$54,500
Importance Code B	$240,900	$82,000
Total	**$240,900**	**$136,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$1,000	
Interior Architecture	$34,400	$200		$2,400
Electrical	$200	$400	$13,100	$200
Mechanical	$3,700	$2,000	$20,500	$2,000
Total	**$38,400**	**$2,600**	**$34,700**	**$4,500**
Importance Code A		$1,100	$1,100	$1,100
Importance Code B	$38,400	$1,200	$33,600	$3,400
Importance Code C		$200		
Total	**$38,400**	**$2,600**	**$34,700**	**$4,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 30 - BX AX (ECF-S X ECC 2)
Asset # : 482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$2,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$7,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$2,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$23,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2034	* *	10	$16,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Carpet	3%	2-4	$7,100	2026	$7,100	3	$800	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Ceramic Tile	5%	0-2	$18,000	2039	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	92%	Now	$58,000	2029	* *	3	$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout 12 X 12								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$500	
Concrete Masonry Unit	97%			LIFE	* *	5	$6,400	
Ceilings								
Exposed Concrete	50%			LIFE	* *	5	$1,400	
Gypsum Board	50%	Now	$9,400	LIFE	* *	5	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 30 - BX AX (ECF-S X ECC 2)
Asset # : 482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$36,700	5	$100	
Raceway								
Conduit	100%			2024	$22,200	1		
Panelboards								
Fused Disc Sw	30%			2023	$9,000	5	$100	
Molded Case Bkrs	70%			2023	$20,900	5	$200	
Wiring								
Thermoplastic	100%			2024	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2019	$137,600	10	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,500	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$45,300	10		
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	* *	1	$700	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2024	$18,600	1-3	$1,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 30 - BX AX (ECF-S X ECC 2)

Asset # : 482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Radiant Heater	100%			2024	$54,500	2	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$2,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Interior	5%			2019	$700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Roof	95%			2019	$9,400	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : .								
Explanation : Not Accessible								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	100%			2017	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In Courtyard When It Rains Hard								
Backflow Preventer								
Generic	100%			2024	$1,200	1	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 30 - BX AX (ECF-S X ECC 2)
Asset # : 482

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS**		
Address	: **108-55 69 AVENUE @ 110TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q303**
Program / Asset #	: **BOE0671.000 / 4420**	**Yr Built/Renovated**	: **1910 / 2008**
Area Sq Ft	: **24,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**		
Block	: **2218** **Lot** : **21**	**BIN**	: **4052265**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$44,300	
Total	**$44,300**	
Importance Code A	$44,300	
Total	**$44,300**	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,300		$21,100	$3,800
Interior Architecture	$26,300	$8,200		$3,200
Electrical	$800	$700	$700	$900
Mechanical	$8,300	$3,400	$5,800	$3,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$40,700**	**$16,200**	**$31,500**	**$15,300**
Importance Code A	$3,900	$2,100	$23,200	$5,900
Importance Code B	$33,200	$6,700	$8,400	$9,400
Importance Code C	$3,500	$7,400		
Total	**$40,700**	**$16,200**	**$31,500**	**$15,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS

Asset # : 4420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$17,700	
Masonry: Brick	75%			LIFE	* *	5	$26,600	
Masonry: Brick	5%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$2,300	
Stucco Cement	3%			2037	* *	5	$2,700	
Windows								
Aluminum	97%			2040	* *	5	$7,500	
Glass Block	3%			LIFE	* *	5	$100	
Parapets								
Masonry: Brick	85%	0-2	$44,300	LIFE	* *	5	$3,800	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout Interior Face								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	5	$200	
Masonry: Limestone	8%			LIFE	* *	5	$500	
Pre-Cast Concrete	2%			LIFE	* *	5	$600	
Roof								
Built-Up (BUR)	75%			2029	* *	10	$15,800	
Modified Bitumen	25%			2029	* *	10	$5,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$7,000	
Ceramic Tile	5%			2033	* *	5	$1,600	
Terrazzo	5%			LIFE	* *	5	$1,200	
Vinyl Tile	80%			2029	* *	3	$12,700	
Interior Walls								
Ceramic Tile	25%			2033	* *	5	$14,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,400	
Gypsum Board	40%			LIFE	* *	5	$14,100	
Masonry: Brick	10%			LIFE	* *			
Plaster	15%	Now	$3,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Classroom 315								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS

Asset # : 4420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%	0-2	$7,100	2037	* *	5	$8,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Corridor In Front Of Sbst Office								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridor In Front Of Sbst Office								
Exposed Concrete	15%			LIFE	* *	5	$700	
Plaster	30%	Now	$12,500	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Room 302 And 318								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 318 And Staircase B								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$600	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2041	* *	5	$100	
Motor Control Center	30%			2041	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$19,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2032	* *	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS

Asset # : 4420

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	60%			2032	* *	10	$3,100	
Exit, Service	40%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$2,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$4,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$2,600	2037	* *	1	$18,900	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Co2 Leaking From The Rear Of Boiler #1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$2,200	2034	* *	4	$1,000	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Return Line At Stairway " B " Between 1st & 2nd Floors								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Class Room #315 Thermostat								
Terminal Devices								
Convector/Radiator	70%			2037	* *	1	$4,800	
Fan Coil Unit/Heat	30%			2029	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS

Asset # : 4420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2029	* *	1	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Lower Roof								
Ext Pkg Unit - Cooling	60%			2029	* *	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 60%								
Location : 2 Units Are On Roof, 1 Unit Is In Rear Yard								
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2044	* *	4	$200	
No Component	80%							
Terminal Devices								
Fan Coil - Cooling	20%			2029	* *	1	$1,400	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2029	* *	2	$3,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,800	
Exhaust Fans								
Interior	30%			2029	* *	2	$200	
Roof	70%			2029	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$4,900	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : (1) 225 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 8%								
Location : Class Room 318 & Staircase B At 3rd Floor								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$1,300	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 303 - Q ACADEMY FOR EXCELLENCE THRU ARTS

Asset # : 4420

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2044	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 304 - BK**				
Address	: **280 HART STREET @ MARCUS GARVEY BLVD.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K304**	
Program / Asset #	: **BOE0587.000 / 684**		**Yr Built/Renovated**	: **1962 / 2000**	
Area Sq Ft	: **91,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **07-Nov-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1773**	**Lot** : **14**	**BIN**	: **3049420**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$319,500	$73,100
Interior Architecture	$909,900	
Electrical	$1,967,800	$585,400
Mechanical	$151,300	$324,600
Total	**$3,348,500**	**$983,100**
Importance Code A	$319,500	$110,100
Importance Code B	$3,029,000	$873,000
Total	**$3,348,500**	**$983,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,700	$8,500		$9,300
Interior Architecture	$85,000	$11,000		$8,800
Electrical	$15,800	$1,100	$1,700	$33,000
Mechanical	$52,700	$17,000	$29,200	$95,800
Total	**$197,200**	**$37,600**	**$30,900**	**$146,800**
Importance Code A	$53,000	$17,800	$9,300	$18,800
Importance Code B	$121,800	$19,800	$21,600	$128,100
Importance Code C	$22,400			
Total	**$197,200**	**$37,600**	**$30,900**	**$146,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	94%	2-4	$110,300	LIFE	* *	5	$73,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	4+	$21,300	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	1%	4+	$13,700	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	75%			2047	* *	5	$13,100	
Aluminum	20%	4+	$146,400	2050	* *	5	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glass Block	5%	4+	$2,200	LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	10%			2030	* *	10	$9,300	
IRMA/Protected Membrane	85%	2-4	$62,800	2030	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$8,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,800	
Ceramic Tile	5%	2-4	$13,600	2034	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	5%	2-4	$32,700	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vinyl Tile	25%			2030	* *	3	$13,200	
Vinyl Tile 9" X 9"	50%	4+	$774,300	2035	* *	3	$26,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2053	* *	5	$13,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$8,600	2028	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	10%	2-4	$13,800	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$18,700	
SGFT/Glazed Masonry	33%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	4+	$16,300	2030	* *	5	$17,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	60%	2-4	$135,600	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$8,800	
Plaster	10%			LIFE	* *	5	$8,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	75%			2025	$128,300	5	$300	
Fused Disc Sw	25%			2035	* *	5	$100	
Raceway								
Conduit	95%			2025	$164,000	1		
Conduit	5%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	80%			2024	$143,500	5	$1,900	
Molded Case Bkrs	15%			2033	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$500	
Locally Mounted	20%	0-2	$15,100	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	87%			2020	$907,600	10	$74,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Fluorescent	5%			2025	$52,200	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Using T-8 Lamps								
HID	3%			2020	$22,500	10	$100	
Incandescent	5%			2020	$52,200	2	$100	
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$9,100	
Exit, Service	60%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$343,700	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$55,100	1	$6,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$329,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$29,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$93,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$32,800	2035	* *	4	$4,600	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Terminal Devices								
Air Handler	20%			2025	$101,300	1	$11,600	
Convector/Radiator	80%	Now	$35,500	2030	* *	1	$21,800	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2020	$115,800	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	80%			2025	$83,100	2	$2,300	
Roof	20%	Now	$700	2025	$14,900	2	$500	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2035	* *	1		
Galv Iron/Steel	50%			2023	$140,300	1		
Water Heater								
Gas Fired	100%			2020	$21,800	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 304 - BK

Asset # : 684

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$32,900	1-2	$800	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 305 - BK**
Address : **344 MONROE STREET BTWN: MARCY AVE., TOMPKINS AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K305**
Program / Asset # : **BOE0588.000 / 1274** | **Yr Built/Renovated** : **1962 / 2010**
Area Sq Ft : **89,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1819** **Lot** : **14** | **BIN** : **3051458**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$282,000	$762,600
Interior Architecture	$1,121,600	$1,135,900
Electrical	$178,900	$1,316,900
Mechanical		$308,500
Total	**$1,582,500**	**$3,523,900**
Importance Code A	$282,000	$799,600
Importance Code B	$971,600	$2,724,300
Importance Code C	$328,800	
Total	**$1,582,500**	**$3,523,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,000	$8,100		$3,800
Interior Architecture	$158,100		$10,700	$12,900
Electrical	$13,400	$700	$1,100	$1,600
Mechanical	$54,300	$14,900	$20,100	$15,500
Total	**$242,900**	**$23,600**	**$31,900**	**$33,800**
Importance Code A	$26,100	$17,200	$9,100	$12,900
Importance Code B	$149,700	$6,400	$22,800	$20,900
Importance Code C	$67,100			
Total	**$242,900**	**$23,600**	**$31,900**	**$33,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$152,200	
Windows								
Aluminum	95%			2048	* *	5	$16,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%	Now	$17,000	LIFE	* *	5	$500	
Roof								
IRMA/Protected Membrane	95%	Now	$206,000	2026	$686,500			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roll Roofing	5%			2025	$18,700	5	$7,600	
Interior								
Floors								
Ceramic Tile	3%	0-2	$32,000	2035	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	5%	0-2	$32,000	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%			2031	* *	3	$5,200	
Vinyl Tile 9" X 9"	75%	Now	$340,800	2021	$1,135,900	3	$38,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	7%			2054	* *	5	$18,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$19,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	0-2	$167,800	2041	* *	5	$3,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$13,500	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glazed Ceramic Panel	5%	Now	$19,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	55%	Now	$161,000	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout 108, 142 & Hallway								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%	Now	$319,300	2046	* *	5	$17,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	60%	0-2	$132,600	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	15%	Now	$27,000	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service - No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	100%			2026	$172,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,900	
Wiring								
Braided Cloth	70%	2-4	$178,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	96%			2036	* *	10	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 And T-8 Lamps								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$62,000	10	$11,100	
Exit, Service	50%			2021	$12,400	1		
Exterior Lighting								
HID	100%			2021	$336,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$53,900	1	$6,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$184,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Oil #2, 2 Tanks 5000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$91,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$4,500	
Terminal Devices								
Air Handler	20%			2026	$99,100	1	$11,400	
Convector/Radiator	80%	Now	$13,900	2031	* *	1	$21,400	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Radiator Steam Trap, Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Explanation : Thermostats Do Not Function Properly								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$151,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$81,100	
Exhaust Fans								
Roof	80%			2026	$58,400	2	$2,300	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2052	* *	1		
Galv Iron/Steel	95%			2031	* *	1		
Water Heater								
Gas Fired	100%			2025	$21,400	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 200 Gal								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 305 - BK

Asset # : 1274

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 60% *Location : Throughout*								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 305 - Q LEARNERS AND LEADERS**
Address : **378 SENECA AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE1070.000 / 14416**
Area Sq Ft : **118,107**
Date of Survey : **05-Dec-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3428** **Lot** : **16**

Agency's Number : **Q245**
Yr Built/Renovated : **2008 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4081817**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$69,000	$69,000
Interior Architecture	$208,900	$152,100
Electrical		$108,300
Mechanical	$29,300	
Total	**$307,200**	**$329,500**
Importance Code A	$69,000	$69,000
Importance Code B	$113,300	$192,400
Importance Code C	$124,900	$68,100
Total	**$307,200**	**$329,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,800	$4,200		
Interior Architecture	$75,900	$11,000	$29,000	
Electrical	$3,600	$3,300	$1,300	$1,300
Mechanical	$26,500	$21,100	$26,500	$16,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$145,600**	**$47,500**	**$64,800**	**$25,900**
Importance Code A	$38,400	$9,500	$6,400	$5,300
Importance Code B	$77,000	$38,000	$53,700	$20,600
Importance Code C	$30,300		$4,700	
Total	**$145,600**	**$47,500**	**$64,800**	**$25,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$9,600	
Masonry: Brick Cavity	90%			LIFE	* *	5	$138,100	
Windows								
Aluminum	100%			2048	* *	5	$8,400	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$28,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,800	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$33,300	
Interior								
Floors								
Carpet	5%			2027	* *	3	$13,300	
Cast in Place Concrete	5%			LIFE	* *	5	$38,700	
Ceramic Tile	10%			2039	* *	5	$17,700	
Quarry Tile	5%			2043	* *	5	$13,300	
Terrazzo	5%			LIFE	* *	5	$13,800	
Vinyl Tile	70%			2034	* *	3	$46,400	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$9,500	
Glass Block	5%			LIFE	* *	10	$3,800	
Gypsum Board	60%			LIFE	* *	5-10	$193,000	
Masonry: Brick	5%			LIFE	* *	10	$2,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$23,600	
Ceilings								
AcousTileSusp.Lay-In	95%			2043	* *	5	$168,100	
Gypsum Board	5%			LIFE	* *	5-10	$30,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Molded Case Bkrs	95%			2048	* *	5	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$105,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2034	* *	10	$3,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$14,300	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$3,500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%			2031	* *	1	$52,600	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Radiant Heater	10%			2031	* *	2	$5,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Hallways								
Explanation : Radiant Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$7,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Top Package Units With 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,300	
Exhaust Fans								
Roof	100%			2031	* *	2	$3,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$27,500	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$7,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-3, Lift B- G								
Explanation : 2 Units And 1 Lift								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$33,100	
Fire Pump								
Generic	100%			2035	* *	1	$22,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 305 - Q LEARNERS AND LEADERS
Asset # : 14416

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 306 - BK**
Address : **970 VERMONT STREET BTWN: COZINE AVE., WORTMAN AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K306**
Program / Asset # : **BOE0589.000 / 1259** | **Yr Built/Renovated** : **1965 / 2002**
Area Sq Ft : **102,000** | **Project Type** : **EDUCATION**
Date of Survey : **08-Dec-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4392** **Lot** : **1** | **BIN** : **3097873**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$314,800	$258,200
Interior Architecture	$227,900	$1,442,700
Electrical	$208,900	$2,281,500
Mechanical		$1,086,500
Total	**$751,600**	**$5,068,800**
Importance Code A	$314,800	$287,700
Importance Code B	$379,100	$4,781,200
Importance Code C	$57,700	
Total	**$751,600**	**$5,068,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,000			
Interior Architecture	$117,200			$18,700
Electrical	$22,300		$300	$1,300
Mechanical	$78,700	$15,800	$29,100	$20,200
Total	**$229,200**	**$15,800**	**$29,400**	**$40,200**
Importance Code A	$21,200	$10,400	$10,400	$10,400
Importance Code B	$159,100	$5,400	$19,000	$29,800
Importance Code C	$48,900			
Total	**$229,200**	**$15,800**	**$29,400**	**$40,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	0-2	$49,200	LIFE	* *	5	$87,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$139,500	
Windows								
Aluminum	100%			2042	* *	5	$19,600	
Parapets								
Metal Rail	100%			2039	* *	5-10	$257,800	
Roof								
Built-Up (BUR)	5%	Now	$1,200	2031	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
IRMA/Protected Membrane	95%	Now	$39,300	2031	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : 3rd Floor Throughout								
Interior								
Floors								
Ceramic Tile	3%	0-2	$27,500	2035	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	15%	0-2	$10,000	2031	* *	3	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	80%	0-2	$69,400	2021	$1,388,600	3	$47,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	2%	Now	$10,400	2041	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$57,700	2029	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room In Basement								
Masonry: Brick	30%			LIFE	* *	10	$12,500	
Plaster	55%	Now	$30,800	LIFE	* *	5	$23,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	30%	Now	$43,900	2031	* *	5	$23,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Class Rooms								
AcousTileConcealSpLn	5%	0-2	$3,200	2031	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5-10	$19,700	
Plaster	55%	Now	$56,800	LIFE	* *	5	$54,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$29,400	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amp & One 2000 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$400	
Raceway								
Conduit	100%			2026	$208,700	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	90%			2025	$161,400	5	$2,400	
Wiring								
Braided Cloth	70%	2-4	$208,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2026	$89,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$86,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	8%			2021	$93,600	10	$7,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2021	$16,800	10	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$71,000	10	$12,700	
Exit, Service	50%			2021	$14,200	1		
Exterior Lighting								
HID	100%			2021	$385,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	20%							
Generic, Analog	80%			2021	$845,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$32,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7500 Gal Each								
Conversion Equipment								
Steam Boiler	100%	Now	$10,300	2031	* *	1	$93,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,700	2036	* *	4	$5,200	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Room 242a								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	10%			2021	$56,800	1	$6,500	
Convector/Radiator	90%	Now	$17,900	2024	$895,000	1	$27,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Radiators, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 306 - BK

Asset # : 1259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2021	$64,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$92,900	
Exhaust Fans								
Interior	60%			2026	$69,800	2	$1,900	
Roof	40%			2026	$33,500	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$10,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 306 - Q NYC ACADEMY FOR DISCOVERY**
Address : **95-16 89TH AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE1071.000 / 14417**
Area Sq Ft : **48,243**
Date of Survey : **22-Jan-2015**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **8975** **Lot** : **100**

Agency's Number : **Q306**
Yr Built/Renovated : **2008 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4860213**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$57,300	$57,300
Interior Architecture	$191,500	$104,400
Electrical		$44,200
Total	**$248,700**	**$205,900**
Importance Code A	$57,300	$57,300
Importance Code B		$44,200
Importance Code C	$191,500	$104,400
Total	**$248,700**	**$205,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,200	$3,800		
Interior Architecture	$35,500	$37,000	$13,400	
Electrical	$1,500	$1,300	$500	$500
Mechanical	$25,000	$9,800	$17,500	$9,000
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$120,000**	**$59,900**	**$39,300**	**$17,500**
Importance Code A	$52,900	$6,000	$2,600	$2,100
Importance Code B	$59,900	$53,900	$31,900	$15,300
Importance Code C	$7,300		$4,800	
Total	**$120,000**	**$59,900**	**$39,300**	**$17,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$114,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$11,800	
Window Wall	2%			2052	* *	5	$4,500	
Windows								
Aluminum	95%			2048	* *	5	$7,600	
Glass Block	5%			LIFE	* *	5	$500	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$48,800	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$16,200	
Metal Panel	5%			2052	* *	5	$1,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
IRMA/Protected Membrane	95%			2034	* *	10	$31,600	
Roll Roofing	5%			2027	* *	5	$2,800	
Interior								
Floors								
Carpet	10%			2027	* *	3	$10,800	
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Ceramic Tile	5%			2039	* *	5	$3,600	
Quarry Tile	5%			2043	* *	5	$5,400	
Vinyl Tile	75%			2034	* *	3	$20,300	
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$9,700	
Glass: Single Pane	5%			LIFE	* *	5	$14,500	
Gypsum Board	90%			LIFE	* *	5-10	$295,900	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$61,400	
Gypsum Board	10%			LIFE	* *	5-10	$24,800	
Metal Panel	5%			LIFE	* *	5	$9,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$42,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2034	* *	10	$2,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$5,800	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Basement								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2052	* *	1		
Conversion Equipment								
Furnace	90%			2031	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 4 Roof Top Units Providing Both Heat & A C								
Radiant Heater	10%			2031	* *	2	$2,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircase Near Main Entrance								
Explanation : 10 Electrical Units								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rtus, 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,600	
Exhaust Fans								
Roof	100%			2031	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2024	$11,200	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$3,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 306 - Q NYC ACADEMY FOR DISCOVERY
Asset # : 14417

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$13,500	
Fire Pump								
Generic	100%			2035	* *	1	$9,000	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 307 - BK**		
Address	: **209 YORK STREET BTWN: GOLD ST., NAVY ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K307**
Program / Asset #	: **BOE0590.000 / 2742**	**Yr Built/Renovated**	: **1965 / 2015**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **56** **Lot** : **7**	**BIN**	: **3000158**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$323,100	$156,000
Interior Architecture	$189,800	$316,500
Electrical	$518,900	$1,065,500
Mechanical		$283,000
Total	**$1,031,900**	**$1,820,900**
Importance Code A	$323,100	$193,000
Importance Code B	$652,700	$1,627,900
Importance Code C	$56,100	
Total	**$1,031,900**	**$1,820,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,000			
Interior Architecture	$189,700	$9,000	$5,400	$3,600
Electrical	$22,400		$400	$1,000
Mechanical	$47,100	$14,200	$21,500	$19,000
Total	**$275,200**	**$23,200**	**$27,300**	**$23,600**
Importance Code A	$25,400	$9,500	$9,500	$9,500
Importance Code B	$169,600	$13,700	$17,800	$14,100
Importance Code C	$80,200			
Total	**$275,200**	**$23,200**	**$27,300**	**$23,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$127,200	
Repairs in Progress, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Brick	15%	Now	$143,900	LIFE	* *	5	$11,900	
Cracking/Crumbling, Extent : Light, Area Affected : 30% *Location : Throughout* *Repairs in Progress, Extent : Light, Area Affected : 66%* *Location : Throughout* *Water Penetration, Extent : Moderate, Area Affected : 40%* *Location : Throughout*								
Panel/Paver: Limestone	5%	Now	$43,400	LIFE	* *	5	$3,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 30% *Location : Throughout*								
Windows								
Aluminum	100%			2042	* *	5	$17,900	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$84,500	
Repairs in Progress, Extent : Light, Area Affected : 66% *Location : Throughout*								
Masonry: Limestone	5%			LIFE	* *	5-10	$7,900	
Roof								
Built-Up (BUR)	10%			2031	* *	10	$9,500	
Copper/Terne	5%			2041	* *	10	$11,800	
IRMA/Protected Membrane	70%			2031	* *	10	$66,300	
Repairs in Progress, Extent : Light, Area Affected : 66% *Location : Throughout*								
IRMA/Protected Membrane	15%			2031	* *	10	$14,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$3,000	LIFE	* *	5	$31,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	2%	0-2	$1,100	2035	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$10,800	
Terrazzo	3%	Now	$20,000	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%			2036	* *	3	$26,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	20%	Now	$31,700	2021	$316,500	3	$10,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$47,400	2054	* *	5	$13,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	0-2	$17,500	2035	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%	0-2	$14,100	LIFE	* *	5	$5,100	
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Basement, Corridors And Gymnasium								
Mosaic Tile	5%	0-2	$32,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	Now	$56,100	LIFE	* *	5	$21,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$15,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	0-2	$23,200	2031	* *	5	$17,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	0-2	$5,800	2031	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%			LIFE	* *	5-10	$98,700	
Metal Panel	5%			LIFE	* *	5	$17,900	
Plaster	10%			LIFE	* *	5-10	$24,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Disc Sw	2%			2034	* *	5		
Fused Knife Sw	2%	2-4	$3,600	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Fused Toggle Switch	5%	2-4	$9,000	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Molded Case Bkrs	73%			2025	$130,900	5	$1,800	
Molded Case Bkrs	8%			2034	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2036	* *	1		
Motor Controllers								
Locally Mounted	90%			2024	$68,000	5	$600	
Locally Mounted	10%			2031	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	99%			2034	* *	10	$87,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	1%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2026	$64,700	10	$11,600	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2021	$351,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$289,000	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 7,000 Gallon Capacity Each								
Conversion Equipment								
Steam Boiler	100%	Now	$9,300	2031	* *	1	$85,600	
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Fuel Pump, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$13,400	2036	* *	4	$4,700	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control, 2nd Fl. Fan Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 307 - BK

Asset # : 2742

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$5,200	2026	$103,500	1	$10,700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Cafeteria Air Handler								
Convector/Radiator	80%			2031	* *	1	$24,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$118,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$16,600	LIFE	* *	2-5	$53,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : The Louver In Boiler Room								
Exhaust Fans								
Interior	20%			2026	$21,200	2	$600	
Roof	80%			2026	$61,000	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galv Iron/Steel	50%			2031	* *	1		
Water Heater								
Gas Fired	100%			2026	$22,300	2	$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$9,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 308 - BK**				
Address	: **616 QUINCY STREET @ LEWIS AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K308**
Program / Asset #	: **BOE0591.000 / 1246**			**Yr Built/Renovated**	: **1975 / 2011**
Area Sq Ft	: **116,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Sep-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3,4**				
Block	: **1630**	**Lot**	: **1**	**BIN**	: **3044493**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$392,200	$664,100
Interior Architecture	$819,400	$1,626,700
Electrical	$1,028,200	$943,100
Mechanical	$41,800	$313,000
Total	**$2,281,500**	**$3,546,800**
Importance Code A	$392,200	$706,100
Importance Code B	$1,647,300	$2,840,700
Importance Code C	$242,100	
Total	**$2,281,500**	**$3,546,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,300			
Interior Architecture	$53,500			$21,300
Electrical	$3,500	$23,200	$2,400	$2,400
Mechanical	$45,500	$55,900	$44,300	$21,700
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$111,700**	**$83,100**	**$50,600**	**$49,400**
Importance Code A	$17,000	$12,100	$11,900	$11,900
Importance Code B	$87,700	$71,000	$38,700	$37,500
Importance Code C	$7,000			
Total	**$111,700**	**$83,100**	**$50,600**	**$49,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%	Now	$340,500	LIFE	* *	5	$51,700	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : North Facade 2nd And 3rd Floors And Bulkhead								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Metal Panel	25%			2043	* *	5-10	$189,500	
Windows								
Aluminum	100%			2031	* *	5	$23,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	95%			LIFE	* *	5	$13,900	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,100	
Roof								
Built-Up (BUR)	90%			2023	$389,600	10	$85,100	
Metal Panel	5%	Now	$5,300	2036	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	5%			2053	* *	10	$15,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%	Now	$41,700	2026	$104,200	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$2,800	
Vinyl Tile	95%	Now	$434,200	2023	$1,447,500	3	$63,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Areas Have Been Patched								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%	Now	$7,000	LIFE	* *	5	$6,300	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : At Bulkhead								
Plaster	65%	Now	$165,300	LIFE	* *	5	$30,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 381, 383, 385								
SGFT/Glazed Masonry	25%	Now	$76,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	40%	Now	$33,300	2028	* *	5	$35,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	35%	Now	$101,400	2028	* *	5	$39,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$4,200	
Fiber Board	5%			2028	* *			
Plaster	5%	Now	$13,200	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2023	$136,800	5	$300	
Fused Disc Sw	30%			2033	* *	5	$200	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2033	* *	1		
Panelboards								
Molded Case Bkrs	70%			2022	$125,600	5	$2,100	
Molded Case Bkrs	30%			2031	* *	5	$900	
Wiring								
Thermoplastic	90%			2023	$268,600	1		
Thermoplastic	10%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2028	* *	5	$200	
Locally Mounted	80%			2021	$92,100	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	88%			2028	* *	10	$96,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	2%			2018	$19,100	10	$100	
Incandescent	10%			2018	$133,000	2	$300	
Egress Lighting								
Exit, Service	50%			2023	$16,100	1		
Exit, Battery	50%			2023	$55,100	10	$4,000	
Exterior Lighting								
HID	100%			2018	$438,100	10	$400	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$35,100	1	$4,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$360,400	1-3	$21,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$37,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault Basement								
Explanation : 2 Tanks Of 7500 Gals Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$11,700	2028	* *	1	$106,700	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 2nd Boiler								
Not in Service, Extent : Severe, Area Affected : 35%								
Location : 1st Boiler Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$41,800	2043	* *	4	$5,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout, Steam Traps And Thermostats								
Terminal Devices								
Air Handler	30%	Now	$9,700	2023	$193,700	1	$20,000	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	70%			2036	* *	1	$27,100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	Now	$1,600	2023	$81,300	1	$10,000	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Chiller Room								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chiller Room								
Explanation : 2 Units								
No Component	80%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2043	* *	4	$1,200	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2028	* *	1	$14,800	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2023	$28,600	2	$16,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 308 - BK

Asset # : 1246

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	60%	Now	$7,900	2028	* *	2	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : Pneumatic System Malfunction And Broken Actuators								
Roof	40%	Now	$3,800	2023	$38,100	2	$1,200	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$27,900	2	$1,700	
HW Heat Exchanger								
Low Temp	100%			2043	* *	4	$11,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$200	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%	Now	$200	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit, Leaking Oil								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$60,400	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 309 - BK**		
Address	**: 794 MONROE STREET @ RALPH AVE.**		
Borough	**: BROOKLYN**	**Agency's Number**	**: K309**
Program / Asset #	**: BOE0592.000 / 1247**	**Yr Built/Renovated**	**: 1963 / 2010**
Area Sq Ft	**: 89,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 21-Sep-2011**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3**		
Block	**: 1643** **Lot : 36**	**BIN**	**: 3045047**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$159,900
Interior Architecture	$116,900	$629,400
Electrical	$367,900	$2,182,200
Mechanical	$120,800	$182,200
Total	**$605,600**	**$3,153,800**
Importance Code A		$196,900
Importance Code B	$605,600	$2,956,900
Total	**$605,600**	**$3,153,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$8,500		
Interior Architecture	$30,700	$17,200	$6,000	$8,600
Electrical	$3,000	$2,300	$2,100	$2,400
Mechanical	$40,000	$27,100	$20,600	$12,800
Total	**$73,700**	**$55,100**	**$28,700**	**$23,800**
Importance Code A	$22,400	$17,800	$9,100	$9,100
Importance Code B	$51,300	$37,300	$19,600	$14,700
Importance Code C				
Total	**$73,700**	**$55,100**	**$28,700**	**$23,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$17,800	
Masonry: Brick	97%			LIFE	* *	5	$73,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 66%								
Location : Throughout								
Explanation : Repointing - About 2/3 Of Walls								
Windows								
Aluminum	100%			2048	* *	5	$17,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	50%			2036	* *	5-10	$48,200	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%			2033	* *	10	$86,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	5%			2033	* *	10	$4,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,000	
Ceramic Tile	3%	Now	$8,000	2032	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%			LIFE	* *	5	$2,100	
Vinyl Tile	50%	Now	$116,900	2023	$584,500	3	$25,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vinyl Tile	15%			2031	* *	3	$7,700	
Recent Replace Evident, Extent : Light, Area Affected : 80%								
Location : Throughout								
Vinyl Tile	20%			2028	* *	3	$10,300	
Wood	5%	Now	$22,700	2038	* *	5	$6,400	
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Plaster	65%			LIFE	* *	5	$23,700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2028	* *	5	$34,300	
Exposed Concrete	50%			LIFE	* *	5	$10,700	
Fiber Board	5%			2023	$44,900			
Plaster	20%			LIFE	* *	5	$17,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	75%			2023	$128,300	5	$300	
Fused Disc Sw	25%			2043	* *	5	$100	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$35,900	2048	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	60%			2022	$107,600	5	$1,400	
Molded Case Bkrs	20%			2039	* *	5	$500	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$37,800	5	$300	
Locally Mounted	30%			2028	* *	5	$200	
Motor Control Center	20%			2021	$58,500	5	$500	
Ground								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$918,300	10	$75,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Incandescent	10%			2018	$102,000	2	$200	
Egress Lighting								
Exit, Service	50%			2023	$12,400	1		
Exit, Battery	50%			2023	$42,300	10	$3,100	
Exterior Lighting								
HID	100%			2023	$336,100	10	$300	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$26,900	1	$3,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$276,500	1-3	$17,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$28,500	
Conversion Equipment								
Steam Boiler	100%	Now	$22,400	2028	* *	1	$81,900	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$64,100	2033	* *	4	$4,500	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 309 - BK

Asset # : 1247

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2023	$123,800	1	$14,200	
Convector/Radiator	75%			2028	* *	1	$22,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$56,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,200	
Exhaust Fans								
Interior	20%			2023	$20,300	2	$600	
Roof	80%	Now	$5,800	2023	$58,400	2	$1,800	
Broken, Extent : Severe, Area Affected : 20%								
Location : Roof								
Noisy/Vibrating, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$13,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$3,300	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 310 - BX (FORMER P.S. 122 - BX)**		
Address	: **260 WEST KINGSBRIDGE ROAD BTWN: HEATH AVE., BAILEY AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X310**
Program / Asset #	: **BOE0262.000 / 393**	**Yr Built/Renovated**	: **1953 / 2000**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,3**		
Block	: **3239** **Lot** : **41**	**BIN**	: **2096486**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$359,800	$67,900
Interior Architecture	$852,400	
Electrical	$121,700	$1,673,200
Mechanical		$83,000
Total	**$1,333,900**	**$1,824,100**
Importance Code A	$359,800	$67,900
Importance Code B	$796,800	$1,756,200
Importance Code C	$177,400	
Total	**$1,333,900**	**$1,824,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,900		$16,200	
Interior Architecture	$29,000		$13,000	$11,500
Electrical	$11,500	$1,400	$1,000	$600
Mechanical	$37,300	$11,800	$17,100	$12,800
Total	**$101,800**	**$13,200**	**$47,200**	**$24,900**
Importance Code A	$31,700	$7,600	$23,800	$7,600
Importance Code B	$64,900	$5,500	$23,400	$17,300
Importance Code C	$5,200			
Total	**$101,800**	**$13,200**	**$47,200**	**$24,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$135,800	
Masonry: Limestone	3%			LIFE	* *	5	$3,200	
Windows								
Aluminum	100%	Now	$218,500	2042	* *	5	$13,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5-10	$86,000	
Metal Rail	10%			2039	* *	5-10	$26,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,300	
Roof								
Built-Up (BUR)	95%	Now	$17,700	2031	* *			
Copper/Terne	5%			2054	* *	10	$10,200	
Interior								
Floors								
Cast in Place Concrete	10%	Now	$6,000	LIFE	* *	5	$25,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$5,800	
Vinyl Tile	60%	2-4	$587,500	2036	* *	3	$25,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor And 3rd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	15%			2031	* *	3	$6,500	
Wood	10%			2054	* *	5	$21,600	
Interior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	10	$5,200	
Plaster	70%	0-2	$65,100	LIFE	* *	5	$24,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$112,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	0-2	$5,300	2031	* *	5	$5,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
AcousTileConcealSpLn	10%			2031	* *	5	$14,300	
Exposed Concrete	70%			LIFE	* *	5-10	$100,100	
Plaster	10%			LIFE	* *	5-10	$19,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	70%			2026	$86,700	1		
Conduit	10%			2036	* *	1		
Conduit	20%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Molded Case Bkrs	10%			2034	* *	5	$200	
Molded Case Bkrs	85%			2048	* *	5	$1,700	
Wiring								
Braided Cloth	70%	2-4	$121,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2036	* *	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$829,000	10	$68,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2034	* *	10	$100	
Incandescent	1%			2021	$8,500	2		
Egress Lighting								
Emergency, Battery	50%			2021	$51,900	10	$9,300	
Exit, Service	50%			2021	$10,400	1		
Exterior Lighting								
HID	100%			2021	$283,300	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$45,400	1	$5,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$233,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$76,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers - One Of Them Under Repair								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,800	
Terminal Devices								
Air Handler	20%			2026	$83,000	1	$9,500	
Convector/Radiator	80%			2031	* *	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	2%			2024	$3,200	1		
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$67,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 310 - BX (FORMER P.S. 122 - BX)
Asset # : 393

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2031	* *	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$17,900	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 - 400 Gallon Unit								
HW Heat Exchanger								
Low Temp	100%	Now	$1,200	2036	* *	4	$7,600	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	95%							
Generic	5%			2031	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)**				
Address	: **260 WEST KINGSBRIDGE RD. BTWN: HEATH AVE., BAILEY AVE.**				
Borough	: **BRONX**			**Agency's Number**	: **X822**
Program / Asset #	: **BOE0262.010 / 2592**			**Yr Built/Renovated**	: **1985 /**
Area Sq Ft	: **11,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3239**	**Lot**	: **41**	**BIN**	: **2096486**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$188,300	
Interior Architecture	$39,300	$135,300
Electrical		$87,100
Total	**$227,600**	**$222,400**
Importance Code A	$188,300	
Importance Code B	$39,300	$222,400
Total	**$227,600**	**$222,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,100			
Interior Architecture	$8,800			$2,400
Electrical	$200		$100	
Mechanical	$12,300	$700	$6,000	$700
Total	**$54,400**	**$700**	**$6,100**	**$3,200**
Importance Code A	$33,700	$600	$600	$600
Importance Code B	$13,900	$200	$5,600	$2,600
Importance Code C	$6,800			
Total	**$54,400**	**$700**	**$6,100**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)

Asset # : 2592

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$37,200	2046	* *	5	$32,300	
Deformed/Dented, Extent : Moderate, Area Affected : 40%								
Location : School Yard Side								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : School Yard Side								
Windows								
Aluminum	100%	Now	$33,100	2034	* *	5	$1,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Metal, Corrugated	100%	Now	$151,000	2046	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Corridors, Classrooms								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$800	
Vinyl Tile	95%			2026	$135,300	3	$8,000	
Interior Walls								
Ceramic Tile	5%	0-2	$1,000	2035	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	95%	0-2	$5,800	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$39,300	2031	* *	5	$8,100	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Corridors, Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)

Asset # : 2592

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mech And Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5		
Molded Case Bkrs	95%			2034	* *	5	$300	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2026	$2,800	1		
Exit, Service	50%			2026	$1,500	1		
Exterior Lighting								
HID	100%			2026	$41,500	10		
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2026	$45,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Furnace	100%			2031	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 310 - BX MINISCHOOL (FORMER P.S. 122 -BX)

Asset # : 2592

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$6,100	2	$700	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$18,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Exhaust Fans								
Roof	100%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$2,600	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1- 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 312 - BK**
Address : **7103 AVENUE T BTWN: EAST 71 ST., EAST 72 ST.**
Borough : **BROOKLYN** | **Agency's Number** : **K312**
Program / Asset # : **BOE0593.000 / 1248** | **Yr Built/Renovated** : **1966 / 2012**
Area Sq Ft : **88,000** | **Project Type** : **EDUCATION**
Date of Survey : **05-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1,3**
Block : **8393** **Lot** : **1** | **BIN** : **3236665**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$155,200	$674,700
Interior Architecture	$358,700	$1,347,700
Electrical	$191,600	$1,973,900
Mechanical	$175,400	$265,300
Total	**$881,000**	**$4,261,500**
Importance Code A	$155,200	$711,700
Importance Code B	$725,800	$3,549,800
Total	**$881,000**	**$4,261,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,800		$13,500	
Interior Architecture	$115,000		$7,500	$15,300
Electrical	$13,000	$700	$1,100	$1,800
Mechanical	$42,700	$18,600	$20,200	$14,100
Total	**$213,500**	**$19,300**	**$42,300**	**$31,200**
Importance Code A	$51,800	$9,000	$22,500	$9,000
Importance Code B	$99,500	$10,300	$12,300	$22,200
Importance Code C	$62,200		$7,500	
Total	**$213,500**	**$19,300**	**$42,300**	**$31,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	$130,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	3%			2046	* *	5-10	$15,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$48,900	
Windows								
Aluminum	97%			2051	* *	5	$16,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	3%			2035	* *	10	$3,200	
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$21,100	
Metal Rail	10%			2039	* *	5-10	$22,200	
Pre-Cast Concrete	65%			LIFE	* *	5	$100,700	
Roof								
Built-Up (BUR)	48%	Now	$39,400	2026	$197,000			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Cafeteria, Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Gymnasium								
Copper/Terne	2%			2054	* *	10	$4,500	
IRMA/Protected Membrane	45%			2026	$321,500	10	$40,300	
Roll Roofing	5%	Now	$400	2022	$18,500	5	$3,700	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Bulkheads								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$29,700	
Terrazzo	3%			LIFE	* *	5	$6,400	
Vinyl Tile 9" X 9"	90%	Now	$269,500	2021	$1,347,700	3	$45,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	2%			2041	* *	5	$5,100	
Interior Walls								
Ceramic Tile	3%	Now	$5,000	2035	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,600	
Folding Partition	5%			2034	* *	5	$15,000	
Plaster	52%			LIFE	* *	5-10	$53,200	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$18,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$6,300	2031	* *	5	$17,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	60%			LIFE	* *	5-10	$101,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$13,600	
Plaster	10%			LIFE	* *	5-10	$23,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2024	$15,800	5	$300	
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	100%			2026	$172,600	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Fused Disc Sw	5%			2025	$9,000	5	$100	
Molded Case Bkrs	90%			2025	$161,400	5	$2,100	
Wiring								
Braided Cloth	75%	2-4	$191,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2026	$978,600	10	$80,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-8								
HID	3%			2026	$21,700	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Mercury								
Egress Lighting								
Emergency, Battery	50%			2021	$61,300	10	$11,000	
Exit, Service	50%			2021	$12,300	1		
Exterior Lighting								
HID	100%			2036	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$53,200	1	$6,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$182,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$28,100	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$90,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$63,400	2036	* *	4	$4,500	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Return Lines And Pumps								
Terminal Devices								
Air Handler	20%			2026	$97,900	1	$11,200	
Convector/Radiator	80%			2031	* *	1	$23,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK

Asset # : 1248

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2026	$83,800	2	$1,100	
Window/Wall Unit	60%			2019	$112,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,200	
Exhaust Fans								
Interior	40%			2026	$40,200	2	$1,100	
Roof	60%			2026	$43,300	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$28,200	4	$13,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$5,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR**		
Address	: **7151 AVENUE T BTWN: EAST 71 ST., EAST 72 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K312**
Program / Asset #	: **BOE0593.010 / 13451**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **8,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **8393** **Lot** : **1**	**BIN**	: **3236665**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$102,900	$66,400
Total	**$102,900**	**$66,400**
Importance Code A	$102,900	$66,400
Total	**$102,900**	**$66,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,900			
Interior Architecture	$20,700		$4,200	$500
Electrical	$1,800	$600	$2,200	$600
Mechanical	$5,900	$400	$1,900	$400
Total	**$39,300**	**$1,100**	**$8,300**	**$1,500**
Importance Code A	$11,300	$400	$400	$400
Importance Code B	$25,700	$700	$7,900	$900
Importance Code C	$2,200			$300
Total	**$39,300**	**$1,100**	**$8,300**	**$1,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR

Asset # : 13451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$800	
Masonry: Brick	80%			LIFE	* *	5	$20,100	
Window Wall	15%			2046	* *	5	$7,100	
Windows								
Aluminum	50%			2042	* *	5	$1,000	
No Component	50%							
Roof								
Metal Panel	80%			2039	* *	10	$36,500	
Sloped Glazing	20%			LIFE	* *	5	$132,800	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$8,000	
Ceramic Tile	3%			2035	* *	5	$400	
Quarry Tile	17%			2039	* *	5	$3,100	
Vinyl Tile	60%			2031	* *	3	$2,700	
Wood	5%			2054	* *	5	$1,100	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$500	
Concrete Masonry Unit	5%			LIFE	* *	5	$400	
Gypsum Board	90%	Now	$2,000	LIFE	* *	5	$5,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	20%			2039	* *	5	$2,400	
Exposed Struc: Steel	30%			LIFE	* *	10	$7,100	
Metal Panel	50%			LIFE	* *	5	$14,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5		
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR

Asset # : 13451

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$2,500	
Generators								
Diesel	100%			2035	* *	1	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 50 Kva								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$300	
Fuel Storage								
Day Tank	100%			2042	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 75 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	25%			2031	* *	10	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office, Classroom, Mechanical And Electrical Rooms								
Explanation : T-8 Lamps								
Incandescent	75%			2031	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Incandescent Spotlights For Showcase Lighting								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$30,200	10		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Metal Halide								
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 312 - BK P.S. 905 - BK ENVIRONMENTAL CTR

Asset # : 13451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	90%			2031	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof Mounted								
Explanation : 5 Units								
Radiant Heater	10%			2031	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Atrium								
Explanation : 2 Gas Fired Unit Heaters								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,200	
Exhaust Fans								
Roof	100%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$1,900	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$500	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 314 - BK**			
Address	:	**330 59 STREET BTWN: 4 AVE., GOWANUS EXPWY.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K314**
Program / Asset #	:	**BOE0594.000 / 1249**	**Yr Built/Renovated**	:	**1982 / 2008**
Area Sq Ft	:	**216,719**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**07-May-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,Pen**			
Block	:	**862** **Lot** : **12**	**BIN**	:	**3016258**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$204,200	$95,500
Interior Architecture	$479,400	$242,500
Electrical		$194,800
Mechanical	$106,500	$104,100
Total	**$790,000**	**$636,900**
Importance Code A	$256,900	$95,500
Importance Code B	$475,400	$541,400
Importance Code C	$57,700	
Total	**$790,000**	**$636,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$77,200			
Interior Architecture	$150,100		$45,600	$39,700
Electrical	$41,600	$17,500	$21,800	$17,500
Mechanical	$110,700	$71,100	$104,100	$66,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$387,600**	**$96,500**	**$179,300**	**$131,800**
Importance Code A	$94,900	$18,800	$18,800	$18,800
Importance Code B	$229,800	$77,700	$160,600	$107,800
Importance Code C	$62,900			$5,200
Total	**$387,600**	**$96,500**	**$179,300**	**$131,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$23,900	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : West Facade At Entry								
Masonry: Brick Cavity	75%			LIFE	* *	5	$191,000	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2046	* *	5-10	$43,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$41,400	
Windows								
Aluminum	95%			2042	* *	5	$18,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Street Level Windows								
Explanation : Protective Metal Grilles								
Glass Block	2%			LIFE	* *	5	$500	
Metal Louvers	3%			2035	* *	10	$3,600	
Parapets								
Concrete Masonry Unit	2%			LIFE	* *	5-10	$2,300	
Masonry: Brick Cavity	85%	Now	$16,400	LIFE	* *	5	$17,700	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : North East Corner								
Pre-Cast Concrete	13%			LIFE	* *	5	$34,100	
Roof								
IRMA/Protected Membrane	83%	Now	$108,700	2031	* *			
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 20%								
Location : Throughout								
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Various								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Roof Drains								
Modified Bitumen	7%			2031	* *	10	$11,500	
Plaza Roof: Stone Panels	10%			2052	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side Between Building Masses								
Explanation : Courtyard Over Cafeteria								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$283,800	
Ceramic Tile	5%			2035	* *	5	$16,200	
Terrazzo	5%			LIFE	* *	5	$25,300	
Vinyl Tile	65%	2-4	$179,300	2031	* *	3	$79,100	
Uneven Substrate, Extent : Moderate, Area Affected : 20%								
Location : Corridor Floors 1, 2, 3 In New Addition								
Wood	5%			2029	* *	5	$30,400	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,500	
Concrete Masonry Unit	15%	Now	$34,900	LIFE	* *	5	$12,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement Storage Area								
Masonry: Brick	9%			LIFE	* *	10	$5,700	
Mosaic Tile	1%			LIFE	* *	10	$1,300	
Plaster	50%			LIFE	* *	5-10	$89,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$21,000	
Ceilings								
AcousTile,Adhered	25%			2039	* *	5	$81,100	
AcousTileConcealSpLn	15%			2039	* *	5	$60,800	
AcousTileSusp.Lay-In	37%			2039	* *	5	$120,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Exposed Concrete	10%	0-2	$20,900	LIFE	* *	5	$5,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Exposed Struc: Steel	5%			LIFE	* *	10	$32,400	
Fiber Board	5%			2031	* *			
Gypsum Board	3%			LIFE	* *	5-10	$33,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes.								
Transformers								
Dry Type	100%			2031	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- 300kva, 208/277/480 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$900	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	20%			2034	* *	5	$1,000	
Molded Case Bkrs	80%			2034	* *	5	$4,600	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	25%			2031	* *	5	$400	
Motor Control Center	75%			2031	* *	5	$4,400	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$66,700	
Generators								
Diesel	100%			2029	* *	1	$83,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 225kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$48,300	
Fuel Storage								
Main Tank	100%			2041	* *	5	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$194,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$26,200	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$700	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$24,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 10,000 Gallon Tanks								
Conversion Equipment								
Heat Exchanger	25%			2035	* *	1	$26,800	
Steam Boiler	70%			2031	* *	1	$150,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Pit								
Explanation : 3 - Dual Fuel Steam Boilers								
Steam Boiler	5%	2-4	$52,800	2046	* *	1	$9,700	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, 3 Of 3 Boilers With Plugged Tubes								
Distribution								
Hot Wtr Piping/Pump	25%			2042	* *	4	$4,000	
Steam Piping/Pump	75%			2046	* *	4	$12,000	
Terminal Devices								
Convector/Radiator	50%			2039	* *	1	$35,000	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Penthouse Mechanical Room								
Explanation : Covered Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$100,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse And First Floor Mechanical Equipment Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$16,000	
Terminal Devices								
Air Handler/Cool/Ht	70%			2031	* *	1	$93,800	
Fan Coil - Cool/Heat	30%			2031	* *	1	$21,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Classrooms								
Explanation : Dual Temperature Unit Ventilators In Classrooms								
Heat Rejection								
Air Condenser Unit	100%			2031	* *	2	$150,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$191,300	
Exhaust Fans								
Interior	40%			2031	* *	2	$2,700	
Roof	5%	0-2	$8,600	2036	* *	2	$300	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof (2 Of Approximately 10 Defective Exhaust Fans)								
Roof	55%			2031	* *	2	$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$50,400	2	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Gallons								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$21,400	
Not in Service, Extent : Light, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Boiler Room Pit								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
Generic	100%			2034	* *	1	$13,300	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 314 - BK

Asset # : 1249

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Thru 3rd Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2046	* *	1-5	$65,600	
Sprinkler								
No Component	50%							
Generic	50%			2046	* *	1-2	$30,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 316 - BK**			
Address	:	**750 CLASSON AVENUE BTWN: STERLING PL., PARK PL.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K316**
Program / Asset #	:	**BOE0595.000 / 1250**	**Yr Built/Renovated**	:	**1966 / 2009**
Area Sq Ft	:	**83,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**04-Mar-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3**			
Block	:	**1167** **Lot** : **18**	**BIN**	:	**3029246**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,026,000	$210,100
Interior Architecture	$412,900	$1,177,900
Electrical	$230,000	$1,864,800
Mechanical	$119,600	$948,200
Total	**$1,788,600**	**$4,201,100**
Importance Code A	$1,026,000	$247,100
Importance Code B	$630,800	$3,953,900
Importance Code C	$131,800	
Total	**$1,788,600**	**$4,201,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,400		$8,900	
Interior Architecture	$77,400		$1,600	$12,800
Electrical	$12,900	$900	$1,200	$1,900
Mechanical	$60,300	$11,900	$19,200	$11,900
Total	**$161,900**	**$12,800**	**$30,900**	**$26,600**
Importance Code A	$32,200	$8,500	$17,400	$8,500
Importance Code B	$86,700	$4,400	$13,600	$18,200
Importance Code C	$43,000			
Total	**$161,900**	**$12,800**	**$30,900**	**$26,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	0-2	$80,000	LIFE	* *	5	$71,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Beams								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Masonry: Brick Cavity	80%	Now	$212,800	LIFE	* *	5	$56,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : All Facades								
Windows								
Aluminum	75%			2034	* *	5	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Windows								
Explanation : Protective Metal Gates								
Aluminum	24%			2034	* *	5	$3,800	
Metal Louvers	1%			2029	* *	10	$1,000	
Parapets								
Metal Rail	100%	Now	$92,900	2031	* *	5	$82,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : At Joints								
Roof								
Copper/Terne	5%	Now	$11,400	2054	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
IRMA/Protected Membrane	95%	Now	$640,200	2036	* *			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Interior								
Floors								
Mosaic Tile	5%	Now	$38,400	2039	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms								
Terrazzo	5%			LIFE	* *	5	$10,000	
Vinyl Tile	10%			2034	* *	3	$4,800	
Vinyl Tile 9" X 9"	80%			2021	$1,129,900	3	$51,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	2-4	$4,700	2029	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Concrete Masonry Unit	5%	0-2	$2,500	LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Explanation : Paint Peeling								
Folding Partition	2%	Now	$9,000	2042	* *	5	$2,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *	10	$1,700	
Plaster	55%	Now	$25,000	LIFE	* *	5	$18,700	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$131,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%	Now	$107,200	2031	* *	5	$19,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Exposed Concrete	25%	Now	$51,500	LIFE	* *	5	$5,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Window Lintels, Rooms 103 & 113								
Exposed Struc: Steel	5%			LIFE	* *	10	$12,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								
Fiber Board	5%	Now	$2,100	2031	* *			
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Gypsum Board	30%			LIFE	* *	5-10	$132,100	
Plaster	5%	2-4	$1,700	LIFE	* *	5	$4,000	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2026	$25,900	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2026	$11,100	5	$100	
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$136,800	5	$300	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	95%			2026	$164,000	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	10%			2042	* *	5	$200	
Molded Case Bkrs	80%			2025	$143,500	5	$1,700	
Wiring								
Braided Cloth	90%	2-4	$230,000	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	* *	10	$70,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2036	* *	10	$6,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$57,800	10	$10,300	
Exit, Service	50%			2021	$11,600	1		
Exterior Lighting								
HID	100%			2021	$313,500	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$9,300	
Fire/Smoke Detection								
Generic, Analog	100%			2021	$859,700			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$20,900	2031	* *	1	$76,400	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Shells								
Leak Evident, Extent : Light, Area Affected : 50%								
Location : Leaky Boiler Casing								
Distribution								
Steam Piping/Pump	100%	Now	$119,600	2036	* *	4	$4,200	
Insul. Deteriorating, Extent : Severe, Area Affected : 40%								
Location : Boiler Room, Fan Room, Cross Bay								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Crawl Spcae Under Auditorium, A & B Basement Staircases, Vacuum Pumps And Other Locations								
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Boiler Room And Fan Room - Defective Vaccuum Pumps; Defective Steam Traps Throughout								
Terminal Devices								
Air Handler	20%	Now	$1,800	2021	$92,400	1	$9,500	
Damaged, Extent : Moderate, Area Affected : 30%								
Location : Basement Fan Room - Deteriorated Flexible Connections								
Convector/Radiator	80%			2024	$647,300	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$5,300	2021	$52,800	1		
Not in Service, Extent : Severe, Area Affected : 25%								
Location : 8 Of 12 Units In Classrooms								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$75,600	
Exhaust Fans								
Interior	20%	Now	$900	2021	$18,900	2	$400	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Toilet Exhaust - No Ventilation								
Roof	80%			2021	$54,500	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$51,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 316 - BK

Asset # : 1250

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2025	$19,900	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room - Defective Controls								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$50,000	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 319 - BK**				
Address	: **360 KEAP STREET @ S.3RD ST**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K319**	
Program / Asset #	: **BOE0597.000 / 4417**		**Yr Built/Renovated**	: **1975 / 2000**	
Area Sq Ft	: **11,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Apr-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2424**	**Lot** : **1**	**BIN**	: **3063189**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$130,000
Electrical		$248,800
Mechanical		$89,800
Total		**$468,700**
Importance Code B		$468,700
Total		**$468,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,900			$22,800
Interior Architecture			$2,300	
Electrical	$100	$100	$200	$100
Mechanical	$1,200	$2,100	$3,000	$20,800
Total	**$30,200**	**$2,200**	**$5,500**	**$43,700**
Importance Code A	$28,900	$1,100		$23,900
Importance Code B	$1,300	$1,200	$5,500	$19,800
Importance Code C				
Total	**$30,200**	**$2,200**	**$5,500**	**$43,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$2,700	
Metal Panel	5%			2045	* *	5-10	$1,400	
Stucco Cement	5%	0-2	$300	2038	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Window Wall	25%	0-2	$5,000	2035	* *	5	$1,900	
Glazing Clouded, Extent : Light, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$23,600	2041	* *	5	$700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2030	* *	10	$22,400	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$900	
Panel/Paver: Cer/Brk	5%			2041	* *	5	$1,900	
Vinyl Tile	90%			2025	$130,000	3	$5,700	
Interior Walls								
Concrete Masonry Unit	70%			LIFE	* *	5	$4,200	
Masonry: Brick	30%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	90%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$1,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$81,100	5		
Raceway								
Conduit	100%			2025	$22,200	1		
Panelboards								
Fused Disc Sw	50%			2024	$14,900	5	$100	
Molded Case Bkrs	50%			2024	$14,900	5	$100	
Wiring								
Thermoplastic	100%			2025	$24,300	1		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$126,100	10	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$7,700	10	$1,400	
Exit, Service	50%			2025	$1,500	1		
Exterior Lighting								
HID	100%			2025	$41,500	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$6,700	1	$800	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2025	$34,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Radiant Heater	100%			2030	* *	2	$5,300	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,300	
Terminal Devices								
Fan Coil Unit/Heat	5%			2025	$8,500	1	$200	
Induction Unit	95%			2028	* *	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2025	$10,500	2	$100	
Window/Wall Unit	80%			2020	$18,700	1		
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	$89,800	1	$7,000	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 319 - BK

Asset # : 4417

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,300	
Exhaust Fans								
Interior	20%			2025	$2,500	2	$100	
Roof	80%			2025	$7,200	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$2,600	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 32 - BX**		
Address	: **690 EAST 183 STREET BTWN CAMBRELENG & BEAUMONT AVES**		
Borough	: **BRONX**	**Agency's Number**	: **X032**
Program / Asset #	: **BOE0179.000 / 202**	**Yr Built/Renovated**	: **1899 / 2011**
Area Sq Ft	: **82,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **3085** **Lot** : **1**	**BIN**	: **2012409**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$651,400	$240,000
Interior Architecture	$965,400	$51,300
Electrical	$249,900	$392,700
Mechanical	$52,000	
Total	**$1,918,700**	**$684,000**
Importance Code A	$651,400	$258,500
Importance Code B	$1,105,000	$425,500
Importance Code C	$162,400	
Total	**$1,918,700**	**$684,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,000			$4,200
Interior Architecture	$7,600	$13,100	$3,200	$19,700
Electrical		$200	$600	$18,100
Mechanical	$28,700	$20,200	$22,700	$15,800
Total	**$60,300**	**$33,500**	**$26,400**	**$57,800**
Importance Code A	$32,300	$8,400	$8,400	$12,700
Importance Code B	$28,000	$17,300	$18,100	$45,100
Importance Code C		$7,900		
Total	**$60,300**	**$33,500**	**$26,400**	**$57,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	Now	$221,900	LIFE	* *	5	$122,400	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Rebuilt Chimney - Southwest Corner								
Masonry: Brick	75%	Now	$354,600	LIFE	* *	5	$117,500	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Various								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Fourth Floor North Facade And Southwest Corner								
Masonry: Brownstone	15%			LIFE	* *	5	$17,600	
Windows								
Aluminum	100%			2047	* *	5	$44,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,900	
Copper/Terne	15%			2060	* *	5	$8,300	
Masonry: Brick	30%	Now	$39,700	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Masonry: Brick	35%			LIFE	* *	5	$4,000	
Metal Security Bars	5%			2040	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$3,600	
Roof								
Built-Up (BUR)	80%			2030	* *	10	$35,100	
Copper/Terne	10%			2053	* *	10	$11,000	
Roll Roofing	5%	Now	$1,800	2024	$9,100	5	$1,800	
Blisters, Extent : Moderate, Area Affected : 25%								
Location : First Floor Over Pool								
Skylight, Metal/Glass	2%			2051	* *	10	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Over Pool								
Explanation : Glass Skylight								
Skylight, Plastic	3%			2042	* *	1		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	12%			LIFE	* *	5	$33,100	
Ceramic Tile	5%			2038	* *	5	$6,300	
Ceramic Tile	5%			2034	* *	5	$6,300	
Terrazzo	5%			LIFE	* *	5	$4,900	
Vinyl Tile	13%			2033	* *	3	$6,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor								
Vinyl Tile 9" X 9"	50%	Now	$695,300	2035	* *	3	$23,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	10%			2040	* *	5	$23,700	
Interior Walls								
Ceramic Tile	10%			2038	* *	5	$15,700	
Ceramic Tile	5%	Now	$86,800	2028	* *	5	$3,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Stairs								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Stairs								
Concrete Masonry Unit	10%			LIFE	* *	5	$6,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor								
Masonry: Brick	10%			LIFE	* *			
Plaster	60%	Now	$75,700	LIFE	* *	5	$28,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout, Especially Fourth Floor And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Especially North Side Of Fourth Floor								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	12%			2042	* *	5	$15,200	
Exposed Concrete	10%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	3%			LIFE	* *			
Masonry: Infill Arch	10%			LIFE	* *			
Plaster	65%	Now	$107,700	LIFE	* *	5	$51,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Classrooms, Bulkhead								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$400	
Raceway								
Conduit	85%			2025	$146,700	1		
Conduit	15%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Fused Disc Sw	5%			2050	* *	5	$100	
Molded Case Bkrs	50%			2024	$89,700	5	$1,100	
Molded Case Bkrs	40%			2050	* *	5	$900	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2045	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	95%			2035	* *	10	$73,500	
T-8 Lamps, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Fluorescent	5%			2035	* *	10	$3,900	
T-5 Lamps, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria & Auditorium								
Egress Lighting								
Emergency, Battery	40%			2020	$45,500	10	$8,100	
Emergency, Battery	10%			2035	* *	10	$2,000	
Exit, Service	10%			2035	* *	1		
Exit, Service	40%			2020	$9,100	1		
Exterior Lighting								
HID	100%			2035	* *	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Steam Boiler	100%			2042	* *	1	$83,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 2 New Boilers, Basement Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$11,800	2035	* *	4	$4,200	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Line, Boiler Room								
Terminal Devices								
Air Handler	20%			2033	* *	1	$10,400	
Recent Replace Evident, Extent : Light, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2030	* *	1	$21,800	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2030	* *	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 2%								
Location : Swimming Pool								
Window/Wall Unit	30%			2020	$52,000	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,000	
Exhaust Fans								
Interior	90%			2033	* *	2	$2,300	
Roof	10%			2033	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$19,600	2	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX

Asset # : 202

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	10%			LIFE	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 10% Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Pool Filter/Treatment								
Sand	100%			2030	* *	4		
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$2,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 32 - BX MINISCHOOL**
Address : **690 EAST 183 STREET BTWN: CAMBRELENG AVE, BEAUMONT**
Borough : **BRONX** **Agency's Number** : **X832**
Program / Asset # : **BOE0179.010 / 509** **Yr Built/Renovated** : **1969 / 2002**
Area Sq Ft : **7,500** **Project Type** : **EDUCATION**
Date of Survey : **08-Jan-2014** **Landmark Status** : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3085** **Lot** : **1** **BIN** : **2012409**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$42,800	
Interior Architecture	$208,900	
Mechanical		$98,200
Total	**$251,700**	**$98,200**
Importance Code A	$42,800	
Importance Code B	$208,900	$98,200
Total	**$251,700**	**$98,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,900	$900		
Interior Architecture			$500	$1,400
Electrical		$100		$100
Mechanical	$500	$1,600	$1,100	$400
Total	**$17,400**	**$2,600**	**$1,600**	**$1,800**
Importance Code A	$17,300	$1,300	$400	$400
Importance Code B	$100	$1,300	$1,000	$1,400
Importance Code C			$300	
Total	**$17,400**	**$2,600**	**$1,600**	**$1,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX MINISCHOOL

Asset # : 509

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$16,900	2035	* *	5	$22,000	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Windows								
Aluminum	100%			2033	* *	5	$1,800	
Roof								
Metal Panel	100%			2038	* *	10	$42,800	
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$600	
Vinyl Tile 9" X 9"	95%	Now	$119,500	2035	* *	3	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$500	
Concrete Masonry Unit	35%			LIFE	* *	5	$1,400	
Metal Panel	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$89,400	2045	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2035	* *	5		
Molded Case Bkrs	50%			2035	* *	5	$100	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5		
Molded Case Bkrs	90%			2033	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX MINISCHOOL

Asset # : 509

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$5,100	10	$900	
Exit, Service	50%			2025	$1,000	1		
Exterior Lighting								
HID	100%			2025	$28,300	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$9,300	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Ceiling Of Mechanical Room								
Explanation : One Ceiling Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$98,200	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,300	
Exhaust Fans								
Interior	100%			2025	$8,400	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 32 - BX MINISCHOOL

Asset # : 509

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2018	$1,200	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 321 - BK**				
Address	: **180 7TH AVENUE BETWEEN 1ST AND 2ND STREETS**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K321**	
Program / Asset #	: **BOE0599.000 / 1253**		**Yr Built/Renovated**	: **1966 / 2006**	
Area Sq Ft	: **79,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **24-Sep-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **971**	**Lot** : **28**	**BIN**	: **3337516**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$280,200	$62,800
Interior Architecture	$1,137,100	
Electrical	$1,702,600	$511,800
Mechanical	$117,300	$649,600
Total	**$3,237,200**	**$1,224,200**
Importance Code A	$280,200	$496,700
Importance Code B	$2,861,800	$727,400
Importance Code C	$95,300	
Total	**$3,237,200**	**$1,224,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,500			$13,000
Interior Architecture	$48,300	$3,100	$2,700	$20,600
Electrical	$600	$1,000	$1,400	$41,700
Mechanical	$29,000	$16,500	$28,100	$90,500
Total	**$104,400**	**$20,600**	**$32,200**	**$165,800**
Importance Code A	$34,600	$8,100	$8,100	$21,300
Importance Code B	$57,800	$12,500	$21,400	$144,500
Importance Code C	$12,000		$2,700	
Total	**$104,400**	**$20,600**	**$32,200**	**$165,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	2-4	$94,800	LIFE	* *	5	$62,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,500	
Window Wall	2%			2045	* *	5	$5,100	
Windows								
Aluminum	100%	2-4	$63,500	2041	* *	5	$7,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	83%	2-4	$26,500	LIFE	* *	5	$9,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%			2045	* *	5	$900	
Pre-Cast Concrete	15%			LIFE	* *	5	$10,400	
Roof								
Copper/Terne	5%			2040	* *	10	$10,100	
IRMA/Protected Membrane	95%	2-4	$121,900	2030	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,700	
Ceramic Tile	5%			2038	* *	5	$6,100	
Quarry Tile	10%			2030	* *	5	$18,300	
Vinyl Tile	75%	2-4	$155,700	2020	$778,300	3	$34,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tile								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,400	
Concrete Masonry Unit	10%	2-4	$12,000	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Folding Partition	5%			2041	* *	5	$13,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Plaster	55%	2-4	$95,300	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%	2-4	$28,300	2038	* *	5	$15,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	55%	2-4	$107,900	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			LIFE	* *	5	$15,200	
Plaster	10%	2-4	$8,000	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	15%			2033	* *	5	$300	
Molded Case Bkrs	75%			2024	$100,900	5	$1,600	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$68,000	5	$500	
Locally Mounted	10%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2020	$833,200	10	$68,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	3%			2020	$19,500	10	$100	
Incandescent	5%			2020	$45,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$55,000	10	$9,800	
Exit, Service	50%			2020	$11,000	1		
Exterior Lighting								
HID	100%			2020	$298,400	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$47,800	1	$5,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$245,500			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$200,800	5	$25,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2023	$396,900	1	$80,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	25%			2030	* *	1	$12,600	
Convector/Radiator	75%			2030	* *	1	$19,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Split Unit	10%			2030	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Various Areas								
Explanation : 6 Units								
Window/Wall Unit	70%			2020	$117,300	1		
No Component	20%							
Heat Rejection								
Remote Air Cond	10%			2030	* *	2	$5,700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,500	
Exhaust Fans								
Interior	20%			2025	$18,000	2	$500	
Roof	80%			2025	$51,900	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$19,000	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$8,100	
Sanitary Piping								
Cast Iron	100%	Now	$8,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement - Water Backup From Street Sewer								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK

Asset # : 1253

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 321 - BK MINISCHOOL**
Address : **180 7TH AVENUE BETWEEN 1ST AND 2ND STREETS**
Borough : **BROOKLYN**
Agency's Number : **K896**
Program / Asset # : **BOE0599.010 / 1254**
Yr Built/Renovated : **1970 / 2006**
Area Sq Ft : **12,120**
Project Type : **EDUCATION**
Date of Survey : **24-Sep-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **971** **Lot** : **28** **BIN** : **3337516**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$69,200	$130,600
Interior Architecture	$184,500	
Electrical	$226,600	$126,400
Mechanical	$158,800	
Total	**$639,100**	**$257,000**
Importance Code A	$69,200	$130,600
Importance Code B	$569,900	$126,400
Total	**$639,100**	**$257,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,500			
Interior Architecture	$5,900			$2,200
Electrical	$100	$100	$200	$11,600
Mechanical	$800	$600	$1,800	$2,600
Total	**$8,200**	**$800**	**$2,000**	**$16,400**
Importance Code A	$2,100	$600	$600	$600
Importance Code B	$4,000	$100	$1,400	$15,700
Importance Code C	$2,200			
Total	**$8,200**	**$800**	**$2,000**	**$16,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK MINISCHOOL

Asset # : 1254

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2051	* *	5-10	$130,600	
Windows								
Aluminum	100%			2047	* *	5	$2,900	
Roof								
Metal Panel	100%			2038	* *	10	$69,200	
Interior								
Floors								
Ceramic Tile	5%	Now	$3,600	2028	* *	5	$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Toilet(s)								
Vinyl Tile	90%	Now	$141,200	2035	* *	3	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tile								
Vinyl Tile	5%			2035	* *	3	$500	
Recent Installation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	30%	4+	$2,200	LIFE	* *	5	$2,000	
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Explanation : Paint Peeling								
Metal Panel	70%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$43,300	2030	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK MINISCHOOL

Asset # : 1254

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$81,100	5	$300	
Raceway								
Conduit	90%			2025	$19,900	1		
Conduit	10%			2035	* *	1		
Panelboards								
Molded Case Bkrs	90%			2024	$26,900	5	$300	
Molded Case Bkrs	10%			2033	* *	5		
Wiring								
Thermoplastic	100%			2025	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2020	$136,900	10	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$8,300	10	$1,500	
Exit, Service	50%			2025	$1,700	1		
Exterior Lighting								
HID	100%			2020	$45,800	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$7,300	1	$900	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$43,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 321 - BK MINISCHOOL

Asset # : 1254

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2030	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Facility Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2019	$158,800	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Facility Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Facility Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Interior	90%			2025	$12,300	2	$300	
Roof	10%			2025	$1,000	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2020	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 328 - BK**		
Address	: **330 ALABAMA AVENUE @ BLAKE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K328**
Program / Asset #	: **BOE0602.000 / 1256**	**Yr Built/Renovated**	: **1967 / 2010**
Area Sq Ft	: **90,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3768** **Lot** : **1**	**BIN**	: **3084283**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$71,800	$289,300
Interior Architecture	$1,016,200	
Electrical	$1,942,200	$338,500
Mechanical	$401,700	$735,900
Total	**$3,431,900**	**$1,363,700**
Importance Code A	$71,800	$760,000
Importance Code B	$3,300,600	$603,700
Importance Code C	$59,500	
Total	**$3,431,900**	**$1,363,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,200		
Interior Architecture	$59,100	$9,600		$6,100
Electrical	$29,700	$79,600	$1,600	$1,500
Mechanical	$90,400	$27,200	$15,700	$12,900
Total	**$179,200**	**$126,500**	**$17,300**	**$20,500**
Importance Code A	$9,200	$19,500	$9,300	$9,200
Importance Code B	$130,200	$107,000	$8,000	$11,300
Importance Code C	$39,800			
Total	**$179,200**	**$126,500**	**$17,300**	**$20,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	5%			LIFE	* *	5	$20,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$81,300	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$18,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2043	* *	5	$2,000	
Metal Rail	65%			2028	* *	5-10	$118,300	
Roof								
Built-Up (BUR)	35%			2023	$117,500	10	$25,700	
Built-Up (BUR)	60%			2031	* *	10	$44,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$6,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,200	
Ceramic Tile	5%	Now	$13,500	2032	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	0-2	$59,100	2028	* *	3	$13,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	55%			2018	$650,200	3	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Vinyl Tile	10%	0-2	$118,200	2033	* *	3	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	Now	$10,200	2032	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Cafeteria								
Folding Partition	2%			2031	* *	5	$6,200	
Plaster	60%	0-2	$29,600	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	0-2	$59,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%	Now	$129,200	2043	* *	5	$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Exposed Concrete	65%			LIFE	* *	5	$14,100	
Exposed Struc: Steel	2%			LIFE	* *			
Gypsum Board	3%			LIFE	* *	5	$5,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%	Now	$5,800	LIFE	* *	5	$8,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	15%			LIFE	* *	5	$13,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$136,800	5	$300	
Fused Disc Sw	20%			2033	* *	5	$100	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$35,900	2048	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	10%	2-4	$17,900	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	60%			2022	$107,600	5	$1,400	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	89%			2018	$918,300	10	$75,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	5%			2031	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : T-8 Lamps								
HID	3%			2018	$22,200	10	$100	
Incandescent	3%			2018	$31,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$62,600	10	$11,200	
Exit, Service	50%			2018	$12,500	1		
Exterior Lighting								
HID	100%			2018	$339,900	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$279,700	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	99%			2033	* *	5	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7500 Gallon Tanks								
Fuel Oil No 6	1%	Now	$2,300	2053	* *	5	$100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Combustion Air Damper								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, 1of 2 Defective Fuel Oil Transfer Pump								
Conversion Equipment								
Steam Boiler	100%			2021	$452,200	1	$92,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : (2) #6 Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	85%			2033	* *	4	$5,800	
Steam Piping/Pump	15%	0-2	$97,300	2053	* *	4	$700	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Defective Steam Traps, Defective Climate Control Thermostat								
Terminal Devices								
Air Handler	25%			2023	$125,200	1	$14,400	
Convector/Radiator	75%	Now	$13,200	2028	* *	1	$20,300	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Classrooms Thermostats								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$30,600	2021	$76,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Multiple Mechanical Defects Throughout								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$15,500	
No Component	70%							

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DEPARTMENT OF EDUCATION - 040

P. S. 328 - BK

Asset # : 1256

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2023	$82,100	2	$2,300	
Roof	20%	Now	$300	2023	$14,800	2	$500	
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Roof, Defective Exhaust Fan Motor								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	50%	Now	$138,700	2043	* *	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Deteriorating Domestic Water Distribution Piping								
Galv Iron/Steel	50%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$28,800	2053	* *	4	$9,200	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Deteriorating Hot Water Heat Exchanger								
Sanitary Piping								
Cast Iron	50%	Now	$100,900	LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 50%								
Location : Deteriorating Sanitary Drain Piping Throughout								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%	Now	$64,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Out Side Yard, Southwest Side Of Building								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout, Deteriorating Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$500	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 329 - BK**				
Address	: **2929 WEST 30 STREET BTWN: MERMAID AVE., SURF AVE.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **K329**
Program / Asset #	: **BOE0603.000 / 1257**			**Yr Built/Renovated**	: **1974 / 2015**
Area Sq Ft	: **98,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **16-Apr-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**				
Block	: **7051**	**Lot**	: **1**	**BIN**	: **3189517**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$290,600	$242,400
Interior Architecture	$368,800	$1,141,400
Electrical	$90,900	$2,481,700
Mechanical	$70,600	$505,300
Total	**$821,000**	**$4,370,800**
Importance Code A	$290,600	$279,400
Importance Code B	$421,500	$4,091,400
Importance Code C	$108,900	
Total	**$821,000**	**$4,370,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,600	$8,700	$9,400	
Interior Architecture	$117,500	$14,200		$21,900
Electrical	$15,100	$1,200	$1,900	$2,300
Mechanical	$46,600	$24,300	$21,500	$17,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$230,700**	**$52,300**	**$36,800**	**$45,500**
Importance Code A	$47,600	$8,700	$9,400	
Importance Code B	$148,300	$43,600	$27,400	$43,500
Importance Code C	$34,800			$2,000
Total	**$230,700**	**$52,300**	**$36,800**	**$45,500**

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$189,600	LIFE	* *	5	$62,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$6,300	
Pre-Cast Concrete	15%			LIFE	* *	5	$81,700	
Slate Panels	5%			LIFE	* *	5	$6,300	
Windows								
Aluminum	60%			2048	* *	5	$11,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Aluminum	32%			2048	* *	5	$6,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Protective Metal Grills								
Metal Louvers	8%			2029	* *	10	$9,400	
Parapets								
Masonry: Brick	30%			LIFE	* *	5-10	$28,100	
Metal Panel	10%			2046	* *	5	$5,300	
Metal Rail	40%			2039	* *	5-10	$99,100	
Pre-Cast Concrete	20%			LIFE	* *	5	$34,500	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$99,800	
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$33,100	
Ceramic Tile	5%			2035	* *	5	$7,600	
Slate	2%			LIFE	* *	5	$6,400	
Vinyl Tile	65%			2026	$836,700	3	$49,200	
Vinyl Tile	20%			2021	$257,400	3	$15,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 12x12 Corridor Tiles								
Explanation : Asbestos Present								
Wood	3%	Now	$149,800	2066	* *	5	$4,300	
Loose Units, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Gymnasium Floor								
Explanation : Temporary Repair Has Failed. Floor Shifting And Slippery								

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$4,000	
Concrete Masonry Unit	15%			LIFE	* *	5	$16,100	
Patching Evident, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium, Workshop								
Metal Panel	20%			LIFE	* *	10	$12,100	
Plaster	20%			LIFE	* *	5-10	$22,800	
SGFT/Glazed Masonry	42%	Now	$108,900	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Corridors Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Corridors Throughout								
Ceilings								
AcousTileConcealSpLn	50%	Now	$61,200	2031	* *	5	$47,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
AcousTileConcealSpLn	15%			2043	* *	5	$28,400	
AcousTileSusp.Lay-In	20%	2-4	$48,900	2031	* *	5	$15,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Exposed Struc: Steel	10%			LIFE	* *	10	$30,300	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Mechanical Rooms								
Explanation : Metal Decking								
Gypsum Board	5%			LIFE	* *	5-10	$26,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 2000 Amperes And 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$171,100	5	$400	
Raceway								
Conduit	95%			2026	$164,000	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2025	$26,900	5	$300	
Molded Case Bkrs	80%			2025	$143,500	5	$2,100	
Molded Case Bkrs	5%			2048	* *	5	$100	

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	95%			2026	$242,700	1		
Thermoplastic	5%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$37,800	5	$300	
Motor Control Center	50%			2024	$146,300	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	98%			2021	$1,101,100	10	$90,900	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2021	$8,100	10		
Incandescent	1%			2021	$11,200	2		
Egress Lighting								
Emergency, Battery	50%			2021	$68,200	10	$12,200	
Exit, Service	50%			2021	$13,600	1		
Exterior Lighting								
HID	100%			2021	$370,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Outside Of The Building								
Explanation : Temporary Steam Boiler Being Used Due To Renovation Of Boiler Room								

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Temporary Steam Boiler Being Used Due To Renovation Of Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$70,600	2036	* *	4	$5,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2026	$109,100	1	$12,500	
Convector/Radiator	70%			2031	* *	1	$22,900	
Fan Coil Unit/Heat	10%			2026	$151,500	1	$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2029	* *	1	$32,800	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Chiller Room								
Repairs In Progress, Extent : Light, Area Affected : 10%								
Location : 1 Compressor, Ac Room								
Split Unit	15%			2031	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Roof								
Explanation : R-410a Refrigerant								
No Component	40%							
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2036	* *	4	$1,500	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2026	$144,100	1	$18,800	
Fan Coil - Cool/Heat	15%			2031	* *	1	$4,900	
No Component	55%							
Heat Rejection								
Air Condenser Unit	30%			2026	$36,400	2	$21,100	
Remote Air Cond	15%			2031	* *	2	$10,600	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,300	
Exhaust Fans								
Interior	20%			2026	$22,400	2	$600	
Roof	80%			2026	$64,300	2	$2,500	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 329 - BK

Asset # : 1257

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$31,400	4	$15,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : From First Floor : 3rd Floor							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$51,000	
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 33 - BX**		
Address	: **2424 JEROME AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X033**
Program / Asset #	: **BOE0180.000 / 510**	**Yr Built/Renovated**	: **1899 / 2001**
Area Sq Ft	: **70,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3188** **Lot** : **20**	**BIN**	: **2014099**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,027,100	$452,500
Interior Architecture	$1,209,100	$53,900
Electrical	$367,900	$198,700
Mechanical		$79,600
Total	**$2,604,200**	**$784,700**
Importance Code A	$1,027,100	$452,500
Importance Code B	$1,159,600	$332,200
Importance Code C	$417,500	
Total	**$2,604,200**	**$784,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$2,200
Interior Architecture	$17,400	$2,000		$10,100
Electrical	$800	$1,000	$900	$19,600
Mechanical	$15,200	$10,400	$21,300	$35,500
Total	**$33,400**	**$13,500**	**$22,100**	**$67,500**
Importance Code A	$7,100	$7,100	$7,100	$9,500
Importance Code B	$26,300	$6,300	$15,000	$58,000
Importance Code C				
Total	**$33,400**	**$13,500**	**$22,100**	**$67,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	15%	Now	$615,400	LIFE	* *	5	$147,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	30%	Now	$228,100	LIFE	* *	5	$37,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Leaders, East Facade								
Masonry: Brick	55%			LIFE	* *	5	$69,300	
Windows								
Aluminum	100%			2041	* *	5	$36,300	
Parapets								
Cast Stone/Terra Cotta	100%	Now	$183,500	LIFE	* *	5	$91,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	5%			2030	* *	10	$2,200	
Copper/Terne	95%			2053	* *	10	$106,800	
Interior								
Floors								
Ceramic Tile	5%	Now	$104,400	2040	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 55%								
Location : Throughout Bathrooms								
Terrazzo	5%			LIFE	* *	5	$4,200	
Vinyl Tile	15%			2030	* *	3	$6,100	
Vinyl Tile	75%	0-2	$687,300	2035	* *	3	$30,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 55%								
Location : 9x9 Cafeteria, Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
Location : 9x9 Cafeteria, Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : 9x9 Cafeteria, Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$185,200	2040	* *	5	$3,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
Location : Toilet Rooms, Throughout								
Masonry: Brick	15%	Now	$156,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Plaster	70%	Now	$75,400	LIFE	* *	5	$28,200	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout								
SGFT/Glazed Masonry	10%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	Now	$17,400	2038	* *	5	$13,500	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Gym, Auditorium								
Plaster	80%			LIFE	* *	5	$53,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$1,800	
Raceway								
Conduit	50%			2025	$61,900	1		
Conduit	50%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	85%			2041	* *	5	$1,600	
Wiring								
Thermoplastic	70%			2025	$121,700	1		
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$400	
Locally Mounted	20%			2023	$15,100	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2030	* *	10	$64,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2030	* *	10		
Egress Lighting								
Emergency, Battery	40%			2020	$38,800	10	$7,000	
Emergency, Battery	10%			2030	* *	10	$1,700	
Exit, Service	50%			2020	$9,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2020	$264,400	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$7,800	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$22,300	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,500	
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$14,800	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,200	
Exhaust Fans								
Interior	100%			2025	$79,600	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Electric	100%			2023	$11,200	4	$400	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 33 - BX

Asset # : 510

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	$5,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Outside Below Sidewalk								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$2,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 332 - BK**				
Address	: **51 CHRISTOPHER AVE. @GLENMORE AVE.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K332**	
Program / Asset #	: **BOE0604.000 / 1258**		**Yr Built/Renovated**	: **1967 / 1999**	
Area Sq Ft	: **95,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **16-Mar-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **3693**	**Lot** : **1**	**BIN**	: **3083608**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$523,600
Interior Architecture	$157,500	$1,094,000
Electrical	$582,800	$1,715,700
Mechanical	$50,700	$1,436,700
Total	**$790,900**	**$4,770,000**
Importance Code A		$1,033,100
Importance Code B	$733,300	$3,736,900
Importance Code C	$57,700	
Total	**$790,900**	**$4,770,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,100	$29,200	$9,600	
Interior Architecture	$14,300	$33,700	$900	$14,700
Electrical	$35,900	$41,700	$3,200	$2,700
Mechanical	$44,900	$41,600	$24,400	$15,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$131,200**	**$150,100**	**$42,000**	**$36,600**
Importance Code A	$46,500	$39,100	$19,300	$9,700
Importance Code B	$84,700	$88,300	$22,700	$26,900
Importance Code C		$22,700		
Total	**$131,200**	**$150,100**	**$42,000**	**$36,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$45,100	
Masonry: Brick	85%			LIFE	* *	5	$76,700	
Masonry: Travertine	2%			LIFE	* *			
Pre-Cast Concrete	3%			LIFE	* *	5	$8,800	
Windows								
Aluminum	99%			2039	* *	5	$19,300	
Aluminum	1%	Now	$8,200	2048	* *	5	$100	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Room 309								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$22,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	55%	0-2	$16,900	LIFE	* *	5	$5,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Rail	25%			2028	* *	5-10	$48,000	
Roof								
Built-Up (BUR)	93%			2023	$329,700	10	$72,000	
Built-Up (BUR)	2%	Now	$7,100	2033	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Under Rooftop Unit Above Auditorium								
Metal Panel	5%			2036	* *	10	$7,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,100	
Ceramic Tile	5%			2032	* *	5	$7,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	5%			2031	* *	3	$2,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Classrooms								
Vinyl Tile	80%	0-2	$99,800	2023	$998,300	3	$44,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Classrooms								
Explanation : 9x9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	8%			LIFE	* *	5	$4,200	
Concrete Masonry Unit	2%	Now	$57,700	LIFE	* *	5	$1,000	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Cafateria								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Cafateria								
Operable Wall	10%			2043	* *	5	$45,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Plaster	55%			LIFE	* *	5	$21,400	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	0-2	$6,800	2028	* *	5	$7,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium								
AcousTile,Adhered	15%			2028	* *	5	$22,000	
Exposed Concrete	55%			LIFE	* *	5	$12,600	
Fiber Board	10%			2023	$95,800			
Plaster	10%	0-2	$3,800	LIFE	* *	5	$9,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Room 108								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	95%			2023	$162,500	5	$400	
Fused Disc Sw	5%			2033	* *	5		
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Fused Disc Sw	5%			2031	* *	5	$100	
Molded Case Bkrs	70%			2022	$125,600	5	$1,800	
Molded Case Bkrs	10%			2031	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$400	
Locally Mounted	30%	2-4	$22,700	2043	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded And Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$1,067,400	10	$88,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	2%			2018	$21,800	2		
Egress Lighting								
Exit, Service	50%			2018	$13,200	1		
Exit, Battery	50%			2018	$45,100	10	$3,300	
Exterior Lighting								
HID	100%			2018	$358,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$10,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$30,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 10,000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	1%	Now	$4,800	2043	* *	1	$900	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Basement Boiler Room, 1of 3 Defective Boiler Breech Exhaust Damper System								
Steam Boiler	99%			2021	$472,500	1	$96,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	100%			2023	$684,600	4	$4,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2023	$158,600	1	$18,200	
Convector/Radiator	70%			2028	* *	1	$22,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	2%	Now	$9,100	2033	* *	2	$100	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Auditorium Roof, Damaged Evaporator Coil								
Ext Pkg Unit - Cooling	18%			2028	* *	2	$1,100	
Window/Wall Unit	60%			2022	$120,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,700	
Exhaust Fans								
Interior	25%			2023	$27,100	2	$800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Roof	10%	Now	$7,800	2033	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, 3 Of 15 Exhaust Fans With Multiple Mechanical And Electrical Defects								
Roof	65%			2018	$50,700	2	$2,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2043	* *	1		
Galv Iron/Steel	80%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 332 - BK

Asset # : 1258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$14,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	2%	Now	$4,300	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement Gas Meter Room								
Explanation : House Trap Is Corroded And Clogged								
Cast Iron	98%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$2,700	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 333 - Q (FORMER JHS 198-Q)**		
Address	: **365 BEACH 56 STREET @BEACH CHANNEL DRIVE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q198**
Program / Asset #	: **BOE0839.000 / 1499**	**Yr Built/Renovated**	: **1955 / 2008**
Area Sq Ft	: **116,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **15894** **Lot** : **11**	**BIN**	: **4301929**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$95,100	$103,900
Interior Architecture	$791,900	$557,100
Electrical	$478,200	$1,297,500
Mechanical		$1,170,400
Total	**$1,365,200**	**$3,129,000**
Importance Code A	$95,100	$709,800
Importance Code B	$1,270,100	$2,083,300
Importance Code C		$335,900
Total	**$1,365,200**	**$3,129,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,700	$10,700	$2,200	$23,800
Interior Architecture	$22,100	$29,100	$4,700	$16,900
Electrical	$32,000	$18,300	$3,600	$5,000
Mechanical	$71,500	$65,400	$70,000	$36,300
Total	**$146,200**	**$123,500**	**$80,500**	**$82,000**
Importance Code A	$33,000	$23,000	$14,800	$36,100
Importance Code B	$113,200	$100,500	$65,700	$45,900
Importance Code C				
Total	**$146,200**	**$123,500**	**$80,500**	**$82,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 333 - Q (FORMER JHS 198-Q)

Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$91,400	
Masonry: Brick	5%			LIFE	* *	5	$5,700	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Mechanical Space								
Masonry: Brick	6%	Now	$20,700	LIFE	* *	5	$6,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead								
Metal Panel	5%			2043	* *	5-10	$39,300	
Metal Sect. OHD	2%			2040	* *	5	$7,100	
Granite Panels	2%			LIFE	* *	5	$1,700	
Windows								
Aluminum	90%			2045	* *	5	$40,400	
Aluminum	10%			2039	* *	5	$4,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	100%	Now	$95,100	2028	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D4, Rooms 418, 421								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,400	
Cast in Place Concrete	5%			LIFE	* *	5	$20,400	
Ceramic Tile	5%			2026	$180,500	5	$9,300	
Terrazzo	5%			LIFE	* *	5	$7,300	
Vinyl Tile	20%			2028	* *	3	$14,000	
Vinyl Tile	50%			2018	$791,900	3	$34,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	10%			2038	* *	5	$34,900	
Interior Walls								
Ceramic Tile	5%			2026	$300,000	5	$10,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,300	
Glazed Ceramic Panel	3%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$35,900	
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	27%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 333 - Q (FORMER JHS 198-Q)
Asset # : 1499

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2036	* *	5	$8,400	
AcousTileSusp.Lay-In	20%			2040	* *	5	$33,700	
Exposed Concrete	60%			LIFE	* *	5	$15,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 408, 418, 421								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%	Now	$22,100	LIFE	* *	5	$10,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair D4								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stir D4								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available								
Transformers								
Dry Type	100%			2040	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 500 Kva 277/480v								
Switchgear / Switchboard								
Fused Disc Sw	50%			2049	* *	5	$200	
Fused Knife Sw	50%	2-4	$97,700	2053	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 333 - Q (FORMER JHS 198-Q)

Asset # : 1499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Fused Knife Sw	5%	2-4	$9,000	2048	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%	Now	$17,900	2048	* *	5	$200	
Obsolete Equipment, Extent : Severe, Area Affected : 25%								
Location : Basement Area								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	75%			2022	$134,500	5	$2,300	
Molded Case Bkrs	5%			2045	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$268,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$400	
Motor Control Center	50%			2040	* *	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$111,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2023	$13,800	10	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Cfl (Compact Fluorescent Lamps)								
HID	1%			2023	$9,900	10		
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$15,000	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$438,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$105,300	1	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Camera Surveillance System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
P. S. 333 - Q (FORMER JHS 198-Q)
Asset # : 1499

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$360,400	1-3	$22,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Light,Smoke Detector , Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$306,500	5	$38,600	
Conversion Equipment								
Steam Boiler	100%			2021	$605,900	1	$123,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$9,200	
Terminal Devices								
Air Handler	20%			2023	$134,200	1	$15,400	
Convector/Radiator	80%			2028	* *	1	$32,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	90%			2036	* *	1	$121,200	
Other Observation, Extent : Light, Area Affected : 90%								
Location : 1st Floor A C Room								
Explanation : 2 Units								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	90%			2049	* *	4	$8,300	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	90%			2031	* *	1	$69,300	
No Component	10%							
Heat Rejection								
Water Cool Tower	90%			2027	* *	2	$112,700	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 333 - Q (FORMER JHS 198-Q)
Asset # : 1499

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2023	$123,800	2	$3,400	
Roof	10%			2018	$9,900	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$18,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 335 - BK**
Address : **130 ROCHESTER AVENUE @BERGEN ST.**
Borough : **BROOKLYN**
Agency's Number : **K335**
Program / Asset # : **BOE0605.000 / 2616**
Yr Built/Renovated : **1968 / 2000**
Area Sq Ft : **102,000**
Project Type : **EDUCATION**
Date of Survey : **04-Jan-2012**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,3,4**
Block : **1355** **Lot** : **23** **BIN** : **3035887**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,800	$129,700
Interior Architecture	$527,300	$1,060,300
Electrical	$1,055,400	$1,659,200
Mechanical	$64,900	$176,300
Total	**$1,722,500**	**$3,025,400**
Importance Code A	$74,800	$150,700
Importance Code B	$1,566,700	$2,797,800
Importance Code C	$81,000	$76,900
Total	**$1,722,500**	**$3,025,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$2,600	$600	$10,400	
Interior Architecture	$83,800	$26,600		$12,800
Electrical	$4,000	$66,100	$2,900	$2,900
Mechanical	$60,800	$55,600	$23,400	$14,800
Total	**$151,300**	**$148,800**	**$36,700**	**$30,500**
Importance Code A	$12,900	$11,200	$20,900	$10,400
Importance Code B	$72,900	$135,600	$15,800	$20,100
Importance Code C	$65,500	$2,100		
Total	**$151,300**	**$148,800**	**$36,700**	**$30,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$82,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$47,300	
Windows								
Aluminum	100%			2039	* *	5	$20,900	
Parapets								
Copper/Terne	2%			2058	* *	5	$1,100	
Masonry: Brick	8%	Now	$2,600	LIFE	* *	5	$900	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : South Side Low Roof								
Metal: Cage/Fence	75%			2028	* *	5-10	$66,300	
No Component	15%							
Roof								
Built-Up (BUR)	95%	Now	$36,200	2028	* *			
Alligatoring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2051	* *	10	$10,400	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$34,500	
Ceramic Tile	3%			2038	* *	5	$4,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$18,300	2026	$61,100	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%			2036	* *	5	$11,800	
Vinyl Tile	65%	Now	$43,500	2023	$870,900	3	$38,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria, Throughout 9x9 Tiles								
Wood	15%			2063	* *	5	$44,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2038	* *	5	$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%	Now	$15,400	2026	$76,900	5	$1,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,600	
Folding Partition	5%	Now	$27,700	2031	* *	5	$8,700	
Unit Inoperable, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%			LIFE	* *			
Plaster	40%	Now	$22,400	LIFE	* *	5	$16,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead								
SGFT/Glazed Masonry	30%	Now	$81,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	25%	Now	$36,600	2036	* *	5	$19,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	35%			LIFE	* *	5	$8,600	
Fiber Board	5%			2023	$51,400			
Metal Panel	10%	Now	$262,900	LIFE	* *	5	$19,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	25%	Now	$103,300	LIFE	* *	5	$24,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$156,400	5	$400	
Fused Disc Sw	20%			2033	* *	5	$100	
Raceway								
Conduit	93%			2023	$194,000	1		
Conduit	5%			2033	* *	1		
Conduit	2%			2053	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$400	
Molded Case Bkrs	75%			2022	$134,500	5	$2,000	
Molded Case Bkrs	10%			2031	* *	5	$300	
Wiring								
Braided Cloth	75%	2-4	$223,800	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	82%			2023	$958,900	10	$79,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2028	* *	10	$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2018	$25,200	10	$100	
Incandescent	5%			2018	$58,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2018	$71,000	10	$12,700	
Exit, Service	50%			2018	$14,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$385,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$11,400	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$316,900	1-3	$18,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2033	* *	5	$32,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 7000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$10,300	2028	* *	1	$93,800	
Broken, Extent : Moderate, Area Affected : 50%								
Location : One Boiler Burner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,700	2033	* *	4	$5,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	20%	Now	$2,300	2023	$113,500	1	$11,700	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System								
Convector/Radiator	80%			2028	* *	1	$27,200	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$64,900	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 335 - BK

Asset # : 2616

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	25%			2023	$29,100	2	$800	
Roof	75%	Now	$3,100	2023	$62,800	2	$1,900	
Broken, Extent : Light, Area Affected : 25%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$24,500	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$15,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$14,700	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Gymnasium, Auditorium, Lunch Room And Hall Way								
Explanation : Water Backs up From Sewage During Heavy Rains								
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 340 - BK**		
Address	: **227 STERLING PLACE @ VANDERBILT AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K874**
Program / Asset #	: **BOE0541.010 / 1303**	**Yr Built/Renovated**	: **1887 / 1999**
Area Sq Ft	: **21,346**	**Project Type**	: **EDUCATION**
Date of Survey	: **30-Aug-2011**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1164** **Lot** : **64**	**BIN**	: **3029061**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$170,300	
Interior Architecture	$106,600	$123,400
Electrical	$43,600	$193,700
Mechanical		$226,600
Total	**$320,500**	**$543,600**
Importance Code A	$170,300	
Importance Code B	$150,200	$420,200
Importance Code C		$123,400
Total	**$320,500**	**$543,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,800			
Interior Architecture	$98,500			$2,500
Electrical	$600	$21,300	$500	$400
Mechanical	$7,800	$28,700	$4,500	$3,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$123,600**	**$53,900**	**$9,000**	**$10,200**
Importance Code A	$14,900	$2,200	$2,200	$2,200
Importance Code B	$60,700	$51,700	$6,800	$8,000
Importance Code C	$48,000			
Total	**$123,600**	**$53,900**	**$9,000**	**$10,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$85,800	LIFE	* *	5	$26,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brownstone	10%	Now	$6,000	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$42,200	2039	* *	5	$4,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Wood Cornice	100%	Now	$6,800	2033	* *	5	$34,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Slate	100%	Now	$42,300	LIFE	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%								
Location : Over Exit 3								
Interior								
Floors								
Mosaic Tile	5%	Now	$21,500	2036	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Restrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Terrazzo	5%	Now	$8,300	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Main Entrance								
Vinyl Tile	60%	Now	$18,300	2028	* *	3	$7,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%	4+	$106,600	2038	* *	5	$9,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$24,700	2026	$123,400	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Restrooms								
Gypsum Board	10%			LIFE	* *	5	$2,500	
Masonry: Brick	10%			LIFE	* *			
Plaster	65%	0-2	$23,300	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$8,200	
Ceilings								
Embossed Metal	90%			LIFE	* *	5	$13,300	
Plaster	10%	0-2	$2,400	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$5,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 1200 Amps								
Raceway								
Conduit	90%			2023	$51,700	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$100	
Fused Disc Sw	10%			2022	$8,200	5	$100	
Molded Case Bkrs	10%			2031	* *	5	$100	
Molded Case Bkrs	10%			2039	* *	5	$100	
Molded Case Bkrs	60%			2022	$49,000	5	$300	
Wiring								
Braided Cloth	60%	2-4	$43,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2036	* *	5	$100	
Locally Mounted	10%			2021	$5,000	5		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	50%			2028	* *	10	$10,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	50%			2028	* *	10	$10,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-5 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$3,200	1		
Exit, Battery	50%			2028	* *	10	$700	
Exterior Lighting								
HID	100%			2023	$88,100	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$1,600	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$2,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$21,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$1,600	
Terminal Devices								
Convector/Radiator	100%			2021	$226,600	1	$7,100	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BK

Asset # : 1303

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2018	$19,700	1		
No Component	60%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$3,600	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2018	$5,600	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit With 225 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$12,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	$6,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 340 - BX**
Address : **25 W. 195 ST @JEROME AVE.**
Borough : **BRONX**
Program / Asset # : **BOE1004.000 / 4511**
Area Sq Ft : **56,293**
Date of Survey : **09-Jan-2013**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3247** **Lot** : **15**

Agency's Number : **X340**
Yr Built/Renovated : **1999 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2101862**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,500	$73,900
Interior Architecture	$203,800	$146,800
Electrical	$49,000	$212,600
Total	**$306,300**	**$433,300**
Importance Code A	$53,500	$73,900
Importance Code B	$102,900	$266,400
Importance Code C	$149,900	$92,900
Total	**$306,300**	**$433,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$18,100
Interior Architecture	$23,000	$3,400		$14,100
Electrical	$2,300	$1,600	$2,000	$2,600
Mechanical	$13,900	$10,300	$26,200	$11,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$47,100**	**$23,200**	**$36,100**	**$54,100**
Importance Code A	$2,800	$2,800	$2,900	$20,900
Importance Code B	$44,300	$20,400	$33,200	$33,200
Importance Code C				
Total	**$47,100**	**$23,200**	**$36,100**	**$54,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	$24,900	
Masonry: Brick	65%			LIFE	* *	5	$73,900	
Windows								
Aluminum	100%			2040	* *	5	$36,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Masonry: Brick	90%			LIFE	* *	5	$13,700	
Roof								
Single Ply Membrane	100%			2029	* *	10	$53,500	
Interior								
Floors								
Carpet	1%			2023	$17,200	3	$2,700	
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	5%			2033	* *	5	$6,700	
Quarry Tile	4%			2037	* *	5	$8,100	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	80%	0-2	$18,300	2029	* *	3	$40,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$5,200	
Gypsum Board	60%			LIFE	* *	5	$92,900	
SGFT/Glazed Masonry	30%	0-2	$149,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$107,700	
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Gypsum Board	10%			LIFE	* *	5	$16,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$200	
Raceway								
Conduit	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	15%			2032	* *	5	$200	
Molded Case Bkrs	85%			2040	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
Generators								
Not Accessible	100%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2029	* *	10	$49,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	5%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$212,600	10	$200	
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$5,300	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$12,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2044	* *	1		
Natural Gas	90%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2029	* *	1	$27,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 11 Packaged Roof Top Units								
Terminal Devices								
Fan Coil Unit/Heat	5%			2029	* *	1	$900	
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$3,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,400	
Exhaust Fans								
Roof	100%	Now	$2,200	2029	* *	2	$1,400	
Malfunctioning, Extent : Severe, Area Affected : 90%								
Location : Roof, 14 Of 16 Exhaust Fans With Electrical Defect								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$13,100	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$3,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B To 3 And 1 To 3								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 340 - BX

Asset # : 4511

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$29,400	
Sprinkler								
Generic	100%			2044	* *	1-2	$15,800	
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul Needs To Be Inspected								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 345 - BK PATROLMAN ROBERT BOLDEN**			
Address	:	**111 BERRIMAN STREET BTWN: LIBERTY AVE - GLENMORE AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K345**
Program / Asset #	:	**BOE0606.000 / 2743**	**Yr Built/Renovated**	:	**1967 / 2008**
Area Sq Ft	:	**90,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**20-Jan-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Floors 1,3**			
Block	:	**3990** **Lot** : **1**	**BIN**	:	**3088734**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$956,100	$204,200
Interior Architecture	$1,694,700	
Electrical	$178,900	$687,200
Mechanical	$684,100	$1,664,700
Total	**$3,513,700**	**$2,556,100**
Importance Code A	$1,408,300	$241,300
Importance Code B	$2,052,500	$2,314,900
Importance Code C	$52,900	
Total	**$3,513,700**	**$2,556,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$78,800			$14,800
Electrical	$3,300	$2,800	$2,700	$2,200
Mechanical	$40,600	$27,800	$27,700	$13,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$126,600**	**$34,600**	**$34,400**	**$34,400**
Importance Code A		$9,400	$9,200	$9,200
Importance Code B	$100,000	$25,200	$25,200	$25,200
Importance Code C	$26,600			
Total	**$126,600**	**$34,600**	**$34,400**	**$34,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$232,200	LIFE	* *	5	$76,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$723,900	2048	* *	5	$8,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Frames Throughout								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$5,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Interior Face								
Masonry: Limestone	10%			LIFE	* *	5	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	45%			LIFE	* *	5	$35,700	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Exterior Face								
Roof								
Built-Up (BUR)	100%			2031	* *	10	$91,700	
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$24,300	
Ceramic Tile	5%	Now	$26,900	2032	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathrooms, Throughout								
Terrazzo	2%			LIFE	* *	5	$2,200	
Vinyl Tile	85%	Now	$100,500	2018	$1,004,800	3	$44,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 345 - BK PATROLMAN ROBERT BOLDEN

Asset # : 2743

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	$6,200	
Concrete Masonry Unit	10%	2-4	$13,700	LIFE	* *	5	$4,900	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement, Throughout								
Masonry: Brick	5%			LIFE	* *			
Operable Wall	5%	Now	$52,900	2033	* *	5	$10,800	
Unit Inoperable, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	0-2	$9,900	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Around Window Openings, Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%	2-4	$16,100	2028	* *	5	$17,400	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Gymnasium, Throughout								
Exposed Concrete	60%	Now	$536,400	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			LIFE	* *	5	$8,700	
Plaster	10%	0-2	$9,100	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protectors Rated @ 1600 Amps And 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	95%			2023	$164,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	80%			2022	$143,500	5	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	25%			2033	* *	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$500	
Locally Mounted	20%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	$84,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2031	* *	10		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$11,200	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$6,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$16,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2023	$228,800	5	$28,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 345 - BK PATROLMAN ROBERT BOLDEN

Asset # : 2743

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$452,200	2043	* *	1	$82,800	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$64,900	2023	$648,600	4	$4,600	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Traps, Boiler Room								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2018	$100,200	1	$11,500	
Convector/Radiator	80%			2021	$701,900	1	$24,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	35%			2018	$66,800	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,800	
Exhaust Fans								
Interior	40%			2023	$41,100	2	$1,100	
Roof	60%			2023	$44,300	2	$1,700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$13,900	2028	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Heater								
Gas Fired	100%			2017	$21,600	2	$1,400	
HW Heat Exchanger								
Low Temp	100%			2023	$28,800	4	$9,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 345 - BK PATROLMAN ROBERT BOLDEN
Asset # : 2743

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2023	$8,700	1	$5,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-1								
Explanation : One Freight Elevator								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 346 - BK**
Address : **1400 PENNSYLVANIA AVENUE (STARRETT CITY)**
Borough : **BROOKLYN** | **Agency's Number** : **K346**
Program / Asset # : **BOE0607.000 / 1233** | **Yr Built/Renovated** : **1977 / 2004**
Area Sq Ft : **123,000** | **Project Type** : **EDUCATION**
Date of Survey : **12-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4452** **Lot** : **25** | **BIN** : **3098294**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$152,200	$111,100
Interior Architecture	$137,000	$1,368,400
Electrical	$668,500	$2,677,900
Mechanical	$850,400	$1,236,400
Total	**$1,808,200**	**$5,393,800**
Importance Code A	$770,200	$125,800
Importance Code B	$1,038,000	$5,268,100
Total	**$1,808,200**	**$5,393,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$33,300	
Interior Architecture	$76,700	$19,000		
Electrical	$11,300	$4,900	$36,900	$3,700
Mechanical	$23,100	$33,400	$79,300	$46,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$115,000**	**$61,200**	**$153,500**	**$53,900**
Importance Code A		$12,600	$46,000	$12,700
Importance Code B	$85,900	$48,700	$107,500	$41,100
Importance Code C	$29,100			
Total	**$115,000**	**$61,200**	**$153,500**	**$53,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement-Fiber Panel	5%			2029	* *	10	$18,300	
Masonry: Brick	95%	Now	$67,000	LIFE	* *	5	$111,100	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Pennsylvania Ave Side								
Windows								
Aluminum	100%			2046	* *	5	$25,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$13,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	85%			2029	* *	10	$85,200	
IRMA/Protected Membrane	15%			2029	* *	10	$15,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,800	
Ceramic Tile	5%	Now	$18,400	2027	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$14,300	
Terrazzo	5%	0-2	$22,100	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	80%			2024	$1,292,500	3	$57,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$26,600	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	3%			2027	* *	5	$5,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,700	
Metal Panel	10%			LIFE	* *			
Plaster	52%			LIFE	* *	5	$26,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	80%			2037	* *	5	$151,900	
Exposed Concrete	20%	Now	$61,100	LIFE	* *	5	$5,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room / Basement								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2024	$14,700	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amp Service								
Fused Disc Sw	35%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2024	$156,400	5	$400	
Fused Disc Sw	20%			2050	* *	5	$100	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$22,400	5	$300	
Fused Knife Sw	3%	2-4	$6,700	2049	* *	5		
Obsolete Equipment, Extent : Severe, Area Affected : 5%								
Location : Basement								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	82%			2023	$183,900	5	$2,700	
Molded Case Bkrs	5%			2046	* *	5	$200	
Wiring								
Braided Cloth	20%	2-4	$59,700	2049	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 5%								
Location : Basement								
Thermoplastic	75%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$400	
Motor Control Center	50%			2022	$361,100	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	87%			2024	$1,226,800	10	$101,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2024	$30,400	10	$100	
Incandescent	10%			2019	$141,000	2	$300	
Egress Lighting								
Emergency, Battery	50%			2019	$85,600	10	$15,300	
Exit, Service	50%			2019	$17,100	1		
Exterior Lighting								
HID	100%			2024	$464,500	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$111,600	1	$13,800	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$382,200	1-3	$22,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2034	* *	5	$39,300	
Conversion Equipment								
Steam Boiler	100%	0-2	$618,000	2044	* *	1	$113,100	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Tubes								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$44,300	2024	$886,400	4	$6,300	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Pneumatic Controls, Throughout								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Vacuum / Condensate Pumps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%	Now	$3,400	2024	$68,500	1	$7,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Controls								
Convector/Radiator	85%	Now	$101,900	2029	* *	1	$31,400	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement, 1st, 2nd And 3rd Floors								
Explanation : Traps, Thermostats Leaking								
Fan Coil Unit/Heat	5%			2024	$95,000	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%	0-2	$86,200	2034	* *	1	$10,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Chillers								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Chillers								
Window/Wall Unit	10%			2019	$26,100	1		
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2034	* *	4	$1,900	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2024	$60,300	1	$15,700	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2024	$45,500	2	$17,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,800	
Exhaust Fans								
Interior	20%			2024	$28,100	2	$800	
Roof	80%	Now	$1,600	2024	$80,700	2	$2,500	
Noisy/Vibrating, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Under Construction	100%							
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$18,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 346 - BK

Asset # : 1233

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement: 4th Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$66,400	
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,800	
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 36 - BX**
Address : **1070 CASTLE HILL AVENUE @BLACKROCK AVENUE**
Borough : **BRONX** | **Agency's Number** : **X036**
Program / Asset # : **BOE0182.000 / 512** | **Yr Built/Renovated** : **1901 / 2008**
Area Sq Ft : **71,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Jan-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4,p**
Block : **3817** **Lot** : **1** | **BIN** : **2026706**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$471,600	$164,900
Interior Architecture	$506,100	$58,100
Electrical	$546,000	$454,800
Mechanical	$45,000	$731,500
Total	**$1,568,800**	**$1,409,300**
Importance Code A	$471,600	$202,000
Importance Code B	$1,058,900	$1,207,400
Importance Code C	$38,200	
Total	**$1,568,800**	**$1,409,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$20,700		$22,800	$18,000
Interior Architecture	$16,800	$2,700	$20,800	$8,200
Electrical	$1,200	$1,600	$1,300	$900
Mechanical	$37,200	$11,200	$22,900	$12,900
Total	**$75,800**	**$15,600**	**$67,900**	**$40,000**
Importance Code A	$27,800	$7,200	$30,200	$25,300
Importance Code B	$48,000	$8,300	$37,700	$14,800
Importance Code C				
Total	**$75,800**	**$15,600**	**$67,900**	**$40,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$49,900	
Masonry: Brick	90%	0-2	$347,100	LIFE	* *	5	$115,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Fieldstone	5%			LIFE	* *	5	$4,800	
Windows								
Aluminum	98%			2040	* *	5	$36,100	
Wood	2%	Now	$20,700	2049	* *	5	$3,700	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,200	
Masonry: Brick	90%	0-2	$61,900	LIFE	* *	5	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	50%			2029	* *	10	$22,800	
Built-Up (BUR)	50%	Now	$62,700	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Rooftop Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Fan Room								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$23,900	
Ceramic Tile	5%			2033	* *	5	$5,500	
Terrazzo	5%	0-2	$12,700	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	2-4	$67,800	2034	* *	5	$3,400	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stair Landings								
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	30%			2029	* *	3	$16,400	
Vinyl Tile	30%	0-2	$278,800	2034	* *	3	$12,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	15%			2039	* *	5	$30,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	35%	Now	$38,200	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium, Bulkheads								
Plaster	50%			LIFE	* *	5	$20,400	
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$10,900	
Exposed Concrete	5%	Now	$35,200	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Fan Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Rooftop Fan Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Fan Room								
Plaster	30%	Now	$86,100	LIFE	* *	5	$20,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium, Bulkheads								
Plaster	55%			LIFE	* *	5	$37,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Rated At 1200 Amps								
Transformers								
Dry Type	100%			2022	$15,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Transformers @ 50 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	10%			2044	* *	1		
Conduit	90%			2024	$111,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	85%			2023	$114,400	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$147,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	15%			2044	* *	1		
Motor Controllers								
Locally Mounted	40%			2037	* *	5	$200	
Locally Mounted	60%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$65,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2024	$16,200	2		
Egress Lighting								
Emergency, Battery	35%			2024	$34,500	10	$6,200	
Exit, Service	65%			2024	$12,800	1		
Exterior Lighting								
HID	100%			2019	$268,100	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$64,400	1	$8,000	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	Now	$7,100	2037	* *	1	$65,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Gas Feed System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$10,200	2044	* *	4	$3,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$78,800	1	$9,000	
Convector/Radiator	70%	Now	$9,700	2022	$482,900	1	$14,900	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Fan Coil Unit/Heat	10%	Now	$5,500	2024	$109,400	1	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Computer Room								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$45,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,700	
Exhaust Fans								
Interior	75%	Now	$3,000	2024	$60,500	2	$1,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor Exhust Fan Overheats								
Roof	25%			2024	$14,500	2	$600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$17,000	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 36 - BX

Asset # : 512

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 360X - BX**
Address : **2880 KINGSBRIDGE TERRACE BTWN W. 229 ST. - W. 230 ST.**
Borough : **BRONX** | **Agency's Number** : **X360**
Program / Asset # : **BOE1005.000 / 4512** | **Yr Built/Renovated** : **1999 /**
Area Sq Ft : **56,000** | **Project Type** : **EDUCATION**
Date of Survey : **28-Nov-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3253** **Lot** : **141** | **BIN** : **2103864**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$50,000	$190,500
Interior Architecture	$108,300	$191,900
Electrical		$1,096,300
Mechanical		$68,400
Total	**$158,300**	**$1,547,100**
Importance Code A	$50,000	$258,900
Importance Code B	$108,300	$1,153,500
Importance Code C		$134,700
Total	**$158,300**	**$1,547,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,100		$2,900	$18,100
Interior Architecture	$16,300	$5,900		$14,300
Electrical	$16,500	$5,800	$6,300	$5,500
Mechanical	$16,700	$6,100	$17,700	$7,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$96,500**	**$25,700**	**$34,800**	**$53,000**
Importance Code A	$41,800	$2,800	$5,800	$20,900
Importance Code B	$54,700	$19,100	$29,000	$32,100
Importance Code C		$3,900		
Total	**$96,500**	**$25,700**	**$34,800**	**$53,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	$79,600	
Pre-Cast Concrete	30%			LIFE	* *	5	$110,900	
Windows								
Aluminum	100%			2040	* *	5	$36,200	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$6,100	
Metal Panel	10%			2044	* *	5	$5,900	
Metal Rail	30%			2037	* *	5-10	$82,400	
Pre-Cast Concrete	20%			LIFE	* *	5	$19,100	
Roof								
Metal Panel	5%			2037	* *	10	$4,900	
Single Ply Membrane	95%	Now	$34,200	2029	* *			1
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Over Forth Floor								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Above Rooms 422 And Various Others On Fourth Floor								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	3%			2033	* *	5	$4,000	
Quarry Tile	2%			2037	* *	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	85%			2029	* *	3	$57,200	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$7,700	
Concrete Masonry Unit	10%			LIFE	* *	5	$10,300	
Gypsum Board	87%			LIFE	* *	5	$134,700	
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$107,700	
AcousTileSusp.Lay-In	5%	4+	$54,400	2044	* *	5	$3,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Room 422								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Room 422 And Various Others								
Gypsum Board	10%			LIFE	* *	5	$16,800	
Metal Panel	5%			LIFE	* *	5	$8,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$200	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	95%			2032	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	$17,200	
Generators								
Diesel	100%			2027	* *	1	$21,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Rated @ 150 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$12,500	
Fuel Storage								
Day Tank	50%			2032	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : No Available Nameplate Rating Capacity								
Main Tank	50%			2039	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 137 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$609,600	10	$50,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2024	$8,900	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2024	$13,800	1		
Exit, Service	50%			2024	$7,600	1		
Exterior Lighting								
HID	100%			2024	$211,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$50,800	1	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$174,000	1-3	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2024	$68,400	1	$27,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 16 Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$3,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 16 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$9,700	LIFE	* *	2-5	$31,200	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : Rain Water Leaks Into Room 323 From Somewhere On The Roof								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 360X - BX

Asset # : 4512

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2029	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$13,000	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4, 1-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$29,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$15,700	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 361 - BK**
Address : **3109 NEWKIRK AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **BOE0558.010 / 1277**
Area Sq Ft : **55,000**
Date of Survey : **11-Oct-2013**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4965** **Lot** : **1**

Agency's Number : **K864**
Yr Built/Renovated : **1897 / 2013**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **3112334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,058,300	$71,900
Interior Architecture	$667,900	
Electrical	$329,400	$679,600
Mechanical		$1,348,900
Total	**$2,055,600**	**$2,100,400**
Importance Code A	$1,058,300	$347,300
Importance Code B	$878,900	$1,753,100
Importance Code C	$118,400	
Total	**$2,055,600**	**$2,100,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,100		$2,900	$10,400
Interior Architecture	$116,500	$3,200		$6,900
Electrical	$400	$600	$400	$11,200
Mechanical	$16,300	$9,000	$11,600	$22,800
Total	**$141,300**	**$12,800**	**$15,000**	**$51,200**
Importance Code A	$13,700	$5,600	$8,500	$16,100
Importance Code B	$67,600	$7,200	$6,400	$35,100
Importance Code C	$59,900			
Total	**$141,300**	**$12,800**	**$15,000**	**$51,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$253,400	LIFE	* *	5	$22,500	2
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout Steps								
Masonry: Brick	40%	Now	$325,300	LIFE	* *	5	$35,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$35,900	
Masonry: Brownstone	15%	Now	$255,600	LIFE	* *	5	$10,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Electrical Room And Basement								
Windows								
Aluminum	100%	2-4	$224,100	2041	* *	5	$13,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$9,200	
Masonry: Limestone	5%	Now	$3,000	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Pre-Cast Concrete	5%	0-2	$1,000	LIFE	* *	5	$3,600	
Spalling, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Wood Cornice	10%			2035	* *	5-10	$15,300	
Roof								
Asphalt Shingle	50%			2040	* *	10	$3,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Built-Up (BUR)	40%	Now	$4,000	2030	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Flat Roof								
Roll Roofing	8%			2024	$14,600	5	$5,900	
Skylight, Plastic	2%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Units								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$9,300	
Ceramic Tile	5%	2-4	$24,600	2028	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$6,400	
Vinyl Tile	30%	2-4	$64,800	2030	* *	3	$9,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Classroom(s), Stair Landings								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Classroom(s) And Stair Landings								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Corridor(s), Classroom(s) And Stair Landings								
Vinyl Tile	35%			2020	$252,000	3	$14,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tile								
Wood	20%	0-2	$111,700	2040	* *	5	$15,900	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%	2-4	$29,100	2028	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$4,000	
Masonry: Brick	15%	2-4	$30,800	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	70%	Now	$118,400	LIFE	* *	5	$22,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Around Windows In Cafeteria								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$17,100	2030	* *	5	$10,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	65%	2-4	$120,900	LIFE	* *	5	$24,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%	Now	$11,100	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Protector Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$200	
Raceway								
Conduit	20%			2045	* *	1		
Conduit	80%			2025	$99,100	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$100	
Molded Case Bkrs	90%			2041	* *	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$36,300	5	$300	
Locally Mounted	20%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2025	$502,700	10	$41,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2030	* *	10	$10,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Basement								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$207,700	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$33,300	1	$4,100	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2025	$139,300	5	$17,500	
Conversion Equipment								
Steam Boiler	100%			2023	$275,400	1	$56,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$7,900	2025	$395,000	4	$2,800	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump								
Terminal Devices								
Air Handler	20%			2025	$61,000	1	$7,000	
Convector/Radiator	80%			2023	$427,500	1	$14,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2020	$5,800	1		
No Component	95%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK

Asset # : 1277

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$3,200	
No Component	90%							
Exhaust Fans								
Interior	10%			2030	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Only								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Galv Iron/Steel	30%			2023	$50,700	1		
Water Heater								
Gas Fired	100%			2023	$13,200	2	$800	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$5,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2030	* *	4		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Main Floor								
Backflow Preventer								
Generic	100%			2025	$5,300	1	$3,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2025	$33,000	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 361 - BK MINISCHOOL**		
Address	: **3109 NEWKIRK AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K869**
Program / Asset #	: **BOE0558.020 / 2556**	**Yr Built/Renovated**	: **1989 /**
Area Sq Ft	: **10,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **4965** **Lot** : **1**	**BIN**	: **3112334**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$210,700	
Electrical		$37,800
Mechanical		$39,300
Total	**$210,700**	**$77,100**
Importance Code A	$210,700	
Importance Code B		$77,100
Total	**$210,700**	**$77,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,300			
Interior Architecture	$23,800	$2,300	$1,100	
Electrical	$100	$100	$100	$9,400
Mechanical	$600	$600	$1,400	$2,900
Total	**$35,800**	**$3,000**	**$2,500**	**$12,400**
Importance Code A	$11,800	$500	$500	$500
Importance Code B	$24,000	$2,500	$1,300	$11,900
Importance Code C			$700	
Total	**$35,800**	**$3,000**	**$2,500**	**$12,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK MINISCHOOL

Asset # : 2556

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$11,300	2045	* *	5	$29,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$2,400	
Roof								
Metal Panel	100%	0-2	$210,700	2038	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Upper Roof								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$800	
Quarry Tile	5%			2038	* *	5	$1,100	
Vinyl Tile	90%			2030	* *	3	$5,100	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$1,300	
Gypsum Board	90%			LIFE	* *	5	$7,300	
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$23,800	2030	* *	5	$7,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$300	
Wiring								
Thermoplastic	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK MINISCHOOL

Asset # : 2556

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe - Point Of Contact Not Visible - Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$37,800	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	$6,100	1	$800	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2025	$12,400	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	30%			2026	$39,300	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Equip Room								
Window/Wall Unit	60%			2023	$12,500	1		
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 361 - BK MINISCHOOL

Asset # : 2556

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Interior	80%			2025	$9,000	2	$300	
Roof	20%			2025	$1,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$2,400	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 369 - BK**				
Address	: **383-387 STATE STREET BTWN: BOND ST., NEVINS ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K369**	
Program / Asset #	: **BOE0608.000 / 1234**		**Yr Built/Renovated**	: **1907 / 2000**	
Area Sq Ft	: **33,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **02-Oct-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **172**	**Lot** : **55**	**BIN**	: **3000567**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$596,400	$128,700
Interior Architecture	$151,700	$338,200
Electrical	$53,200	$333,900
Mechanical		$369,500
Total	**$801,300**	**$1,170,300**
Importance Code A	$596,400	$128,700
Importance Code B	$103,200	$1,041,600
Importance Code C	$101,700	
Total	**$801,300**	**$1,170,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,200			
Interior Architecture	$79,600		$14,600	$4,100
Electrical	$1,200	$200	$400	$200
Mechanical	$6,700	$4,300	$4,100	$4,600
Total	**$134,700**	**$4,600**	**$19,000**	**$9,000**
Importance Code A	$50,000	$2,800	$2,800	$2,800
Importance Code B	$24,000	$1,800	$16,200	$6,200
Importance Code C	$60,700			
Total	**$134,700**	**$4,600**	**$19,000**	**$9,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$292,700	LIFE	* *	5	$48,500	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear Facade - Play Yard Area								
Masonry: Limestone	5%	Now	$29,400	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Above Entrance								
Stucco Cement	5%	Now	$15,600	2039	* *	5	$3,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Play Yard Area								
Windows								
Wood	50%	Now	$225,100	2051	* *	5	$40,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 30%								
Location : Classrooms								
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Wood	50%			2034	* *	5	$80,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	$45,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Roof								
Built-Up (BUR)	95%			2031	* *	10	$25,200	
Copper/Terne	5%			2054	* *	10	$3,300	
Interior								
Floors								
Ceramic Tile	5%	Now	$14,800	2035	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Restrooms								
Panel/Paver: Cer/Brk	20%			2034	* *	5	$22,900	
Vinyl Tile	10%			2034	* *	3	$1,900	
Vinyl Tile	20%			2026	$86,400	3	$5,100	
Vinyl Tile 9" X 9"	45%			2021	$251,800	3	$11,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$52,400	2029	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Stairs Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$5,100	
Masonry: Brick	10%	Now	$49,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 40%								
Location : Old Coal Storage Room, Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Old Coal Storage Room								
Marble Panels	5%	0-2	$25,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$33,000	LIFE	* *	5	$12,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	10%			2039	* *	5	$5,100	
Plaster	90%			LIFE	* *	5-10	$78,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes And 400 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$100	
Raceway								
Conduit	80%			2026	$42,000	1		
Conduit	20%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$900	
Wiring								
Braided Cloth	80%	2-4	$53,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$200	
Locally Mounted	20%			2024	$9,100	5		
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	75%			2026	$282,800	10	$23,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	20%			2031	* *	10	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Offices								
Explanation : T-8 Lamps								
Incandescent	5%			2021	$18,900	2		
Egress Lighting								
Emergency, Battery	25%			2026	$11,400	10	$2,000	
Emergency, Battery	25%			2026	$11,400	10	$2,000	
Exit, Service	25%			2031	* *	1		
Exit, Service	25%			2026	$2,300	1		
Exterior Lighting								
HID	100%			2031	* *	10	$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$20,000	1	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2036	* *			
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Hallway								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 2000 Gallon Tank								
2 - 6000 Gallon Tanks								

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 369 - BK

Asset # : 1234

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	33%			2039	* *	1	$5,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 1 Hot Water Boiler								
Steam Boiler	67%	0-2	$2,200	2031	* *	1	$20,300	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Leak On The Fire Tubes At 2 Steam Boilers In The Basement.								
Other Observation, Extent : Light, Area Affected : 66%								
Location : Basement								
Explanation : 2 Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	33%			2042	* *	4	$800	
Steam Piping/Pump	67%			2036	* *	4	$1,100	
Terminal Devices								
Convector/Radiator	100%			2024	$320,600	1	$11,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2021	$48,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$1,500	
No Component	95%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$7,900	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$2,200	2031	* *	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 37 - BX**		
Address	: **360 WEST 230 STREET @IRWIN AVE**		
Borough	: **BRONX**	**Agency's Number**	: **X307**
Program / Asset #	: **BOE0996.000 / 4490**	**Yr Built/Renovated**	: **1994 /**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **5716** **Lot** : **725**	**BIN**	: **2097990**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$40,400	$1,641,500
Electrical		$275,900
Mechanical		$989,300
Total	**$40,400**	**$2,906,700**
Importance Code A	$40,400	$1,641,500
Importance Code B		$1,265,100
Total	**$40,400**	**$2,906,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$69,600		$8,900	
Interior Architecture	$68,000		$67,600	$4,100
Electrical	$15,500	$4,500	$5,200	$4,500
Mechanical	$54,300	$34,000	$27,500	$34,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$215,200**	**$46,500**	**$117,100**	**$51,200**
Importance Code A	$75,400	$5,800	$14,800	$5,800
Importance Code B	$126,600	$40,600	$102,400	$44,000
Importance Code C	$13,200			$1,400
Total	**$215,200**	**$46,500**	**$117,100**	**$51,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%			LIFE	* *	5	$80,800	
Metal Coiling Doors	5%			2039	* *	5	$11,200	
Window Wall	5%			2052	* *	5	$13,500	
Windows								
Aluminum	95%	Now	$17,400	2042	* *	5	$10,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Glass Block	5%			LIFE	* *	5	$1,400	
Parapets								
Concrete Masonry Unit	80%			LIFE	* *	5-10	$16,100	
Metal: Cage/Fence	20%			2039	* *	5-10	$5,700	
Roof								
IRMA/Protected Membrane	100%	Now	$32,000	2026	$1,601,200			
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Around Area Drains Throughout								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : 4th Floor Gymnasium, Auditorium								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$5,400	
Terrazzo	10%	4+	$10,000	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	75%			2031	* *	3	$30,100	
Wood	10%			2054	* *	5	$20,100	
Interior Walls								
Ceramic Tile	10%			2035	* *	5	$2,800	
Concrete Masonry Unit	45%			LIFE	* *	5	$10,100	
Glass Block	2%			LIFE	* *	10	$200	
Glass: Single Pane	3%			LIFE	* *	5	$1,300	
Gypsum Board	10%			LIFE	* *	5-10	$4,800	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileConcealSpLn	35%			2039	* *	5	$46,900	
AcousTileSusp.Lay-In	45%			2039	* *	5	$48,200	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Auditorium								
Exposed Struc: Steel	10%			LIFE	* *	10	$21,400	
Gypsum Board	10%			LIFE	* *	5-10	$36,800	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2042	* *	5	$300	
Molded Case Bkrs	80%			2042	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$18,200	
Generators								
Diesel	100%			2035	* *	1	$22,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room In Basement								
Explanation : One 153 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$13,100	
Fuel Storage								
Day Tank	50%			2042	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 50 Gallons								
Main Tank	50%			2054	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 250 Gallons								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$48,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	8%			2031	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 6%								
Location : Lobby And Hallway								
Explanation : T-5 And Compact Lamps								
HID	2%			2031	* *	10		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2026	$222,800	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$4,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$58,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$4,400	
Terminal Devices								
Air Handler	35%			2026	$111,300	1	$12,800	
Convector/Radiator	30%			2031	* *	1	$5,700	
Fan Coil Unit/Heat	35%			2026	$309,200	1	$6,700	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$200,300	1	$27,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Chillers								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$4,400	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$250,600	1	$36,500	
Heat Rejection								
Air Condenser Unit	100%			2026	$117,900	2	$41,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,100	
Exhaust Fans								
Interior	90%			2031	* *	2	$1,600	
Roof	10%			2031	* *	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$8,800	2031	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Basement.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Booster Pumps								
Water Heater								
Gas Fired	100%			2024	$13,700	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1- 500 Gallon Unit And 1- 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
Generic	100%			2031	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - BX

Asset # : 4490

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 1 And 1 To 4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$29,800	
Sprinkler								
No Component	60%							
Generic	40%			2046	* *	1-2	$6,600	
Fire Pump								
Generic	100%			2035	* *	1	$11,000	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 37 - SI**
Address : **15 FAIRFIELD ST. @ CORBIN AVE.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0915.010 / 1449**
Area Sq Ft : **54,000**
Date of Survey : **31-Jan-2013**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4586** **Lot** : **1**

Agency's Number : **R840**
Yr Built/Renovated : **1975 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5061911**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$84,100	$420,400
Interior Architecture	$245,400	$37,800
Electrical		$1,473,700
Mechanical	$137,000	$672,000
Total	**$466,400**	**$2,603,900**
Importance Code A	$84,100	$420,400
Importance Code B	$382,400	$2,183,500
Total	**$466,400**	**$2,603,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,600		$2,300	
Interior Architecture	$40,100			$9,100
Electrical	$2,200	$2,400	$1,800	$2,000
Mechanical	$21,200	$14,400	$37,800	$18,200
Total	**$80,100**	**$16,800**	**$41,900**	**$29,300**
Importance Code A	$30,500	$5,700	$8,000	$5,700
Importance Code B	$17,700	$11,100	$33,900	$23,600
Importance Code C	$31,800			
Total	**$80,100**	**$16,800**	**$41,900**	**$29,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI

Asset # : 1449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%	0-2	$5,200	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	0-2	$11,400	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$4,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout - 2012								
Parapets								
Masonry: Brick	100%			LIFE	* *	5	$10,900	
Roof								
Built-Up (BUR)	100%	Now	$84,100	2024	$420,400			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Over Gym								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : At Gravel Stops								
Explanation : Open Seams								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$18,800	
Ceramic Tile	5%	Now	$8,300	2033	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Toilets								
Vinyl Tile	85%	Now	$62,000	2029	* *	3	$27,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	60%	0-2	$31,800	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	15%			LIFE	* *	5	$10,700	
Metal Panel	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI

Asset # : 1449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	90%	Now	$183,400	2037	* *	5	$37,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 70%								
Location : Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	10%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Fused Disconnect Switch In The Switchboard And Rated At 1000 Amps								
Raceway								
Conduit	100%			2024	$123,800	1		
Panelboards								
Molded Case Bkrs	100%			2023	$104,600	5	$1,400	
Wiring								
Thermoplastic	100%			2024	$173,900	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gas Meter Room								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$624,000	10	$51,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
HID	2%			2024	$9,200	10		
Egress Lighting								
Exit, Service	50%			2024	$7,700	1		
Exit, Battery	50%			2024	$26,400	10	$1,900	
Exterior Lighting								
HID	100%			2024	$203,900	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI

Asset # : 1449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$6,100	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$12,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$17,800	
Conversion Equipment								
Steam Boiler	100%	Now	$14,000	2029	* *	1	$51,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Burners								
Other Observation, Extent : Light, Area Affected : 1%								
Location : 1st Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$2,800	
Terminal Devices								
Air Handler	100%			2024	$309,100	1	$35,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Distribution								
Chilled Wtr Pipe/Pump	80%			2034	* *	4	$3,400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2024	$362,900	1	$28,400	
No Component	20%							
Heat Rejection								
Remote Air Cond	80%	Now	$137,000	2029	* *	2	$25,500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Remote Air Condenser								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$25,600	
No Component	20%							
Exhaust Fans								
Roof	25%			2024	$11,400	2	$400	
No Component	75%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 37 - SI

Asset # : 1449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2044	* *	1		
Galv Iron/Steel	60%			2037	* *	1		
Water Heater								
Electric	100%			2022	$8,900	4	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
HW Heat Exchanger								
Low Temp	100%			2024	$17,800	4	$5,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$1,600	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 370 - BK (SIE VII/P370)**		
Address	: **3000 WEST 1ST STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K370**
Program / Asset #	: **BOE0609.000 / 1235**	**Yr Built/Renovated**	: **1921 / 2011**
Area Sq Ft	: **45,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **7274** **Lot** : **107**	**BIN**	: **3196587**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$78,300
Electrical		$631,700
Mechanical		$293,700
Total		**$1,003,600**
Importance Code A		$78,300
Importance Code B		$925,300
Total		**$1,003,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$7,900		
Interior Architecture	$5,700	$5,800	$7,100	
Electrical	$10,700	$16,800	$6,100	$4,100
Mechanical	$16,400	$21,500	$16,600	$17,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$36,700**	**$56,000**	**$33,700**	**$25,600**
Importance Code A	$4,600	$12,600	$4,600	$4,600
Importance Code B	$31,100	$43,400	$29,100	$21,000
Importance Code C	$1,000			
Total	**$36,700**	**$56,000**	**$33,700**	**$25,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$42,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$3,500	
Windows								
Aluminum	95%			2048	* *	5	$15,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2031	* *	5	$8,300	
Thermally Inefficient, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	20%			2023	$35,800	10	$7,800	
Modified Bitumen	80%			2033	* *	10	$31,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$3,600	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2032	* *	5	$2,100	
Quarry Tile	5%			2028	* *	5	$5,200	
Vinyl Tile	82%			2028	* *	3	$21,200	
Wood	5%			2038	* *	5	$6,500	
Interior Walls								
Ceramic Tile	3%			2032	* *	5	$2,100	
Gypsum Board	15%			LIFE	* *	5	$6,300	
Masonry: Brick	10%			LIFE	* *			
Plaster	72%			LIFE	* *	5	$15,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	$6,900	
Gypsum Board	15%			LIFE	* *	5	$12,900	
Plaster	75%			LIFE	* *	5	$32,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$200	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$100	
Molded Case Bkrs	90%			2031	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$13,800	
Generators								
Diesel	100%			2032	* *	1	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 125 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$10,000	
Fuel Storage								
Day Tank	50%			2039	* *	5	$4,300	
Main Tank	50%			2051	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	97%			2023	$497,400	10	$41,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2018	$7,400	10		
Incandescent	1%			2018	$5,100	2		
Egress Lighting								
Emergency, Battery	50%			2023	$31,100	10	$5,600	
Exit, Service	50%			2023	$6,200	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Not Accessible	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$3,400	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2023	$93,200	1-3	$5,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 3000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$45,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boiilers								
Distribution								
Hot Wtr Piping/Pump	50%			2039	* *	4	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Hot Gylcol Distribution System For Perimeter								
Steam Piping/Pump	50%			2033	* *	4	$1,700	
Terminal Devices								
Air Handler	20%	Now	$5,000	2023	$49,800	1	$5,100	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Basement, Defective Building Management System								
Convector/Radiator	20%			2021	$87,200	1	$3,000	
Fan Coil Unit/Heat	60%			2028	* *	1	$9,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2023	$156,700	1	$21,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse Mechanical Room								
Explanation : R-22 Refrigerant								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 370 - BK (SIE VII/P370)

Asset # : 1235

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	* *	4	$2,300	
Heat Rejection								
Remote Air Cond	100%			2028	* *	2	$32,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,700	
Exhaust Fans								
Interior	90%			2028	* *	2	$1,300	
Roof	10%			2028	* *	2	$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$10,700	2	$700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2028	* *	1	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Thru 4th Floors								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
No Component	20%							
Generic	80%			2043	* *	1-5	$18,600	
Sprinkler								
No Component	40%							
Generic	60%			2043	* *	1-2	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 371 - BK (ALSO P.S. 231)**		
Address	: **355 37 STREET BTWN: 4TH AVE., 3 AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K371**
Program / Asset #	: **BOE0610.000 / 1236**	**Yr Built/Renovated**	: **1966 / 2008**
Area Sq Ft	: **67,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **696** **Lot** : **31**	**BIN**	: **3337059**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$188,700	$213,900
Interior Architecture	$140,200	$912,100
Electrical	$416,700	$1,514,000
Mechanical		$1,290,700
Total	**$745,600**	**$3,930,700**
Importance Code A	$188,700	$587,500
Importance Code B	$556,900	$3,343,200
Total	**$745,600**	**$3,930,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,000		$12,500	
Interior Architecture	$97,600		$12,300	$15,200
Electrical	$1,800	$1,200	$700	$700
Mechanical	$44,500	$15,700	$22,100	$10,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$154,700**	**$20,800**	**$51,600**	**$30,500**
Importance Code A	$13,800	$6,800	$19,400	$6,800
Importance Code B	$86,700	$14,000	$32,200	$21,300
Importance Code C	$54,200			$2,300
Total	**$154,700**	**$20,800**	**$51,600**	**$30,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 371 - BK (ALSO P.S. 231)

Asset # : 1236

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	13%			LIFE	* *	5	$74,500	
Masonry: Brick	85%			LIFE	* *	5	$97,400	
Masonry: Limestone	2%			LIFE	* *	5	$1,700	
Windows								
Aluminum	95%			2042	* *	5	$12,200	
Metal Louvers	5%			2035	* *	10	$4,000	
Parapets								
Metal Rail	100%			2039	* *	5-10	$169,400	
Roof								
Built-Up (BUR)	90%			2031	* *	10	$61,400	
Metal Panel	10%			2039	* *	10	$12,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,600	
Ceramic Tile	5%			2035	* *	5	$5,200	
Vinyl Tile 9" X 9"	80%			2021	$912,100	3	$41,400	
Wood	10%			2054	* *	5	$19,400	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$11,400	
Ceramic Tile	5%			2035	* *	5	$4,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$7,300	
Plaster	55%			LIFE	* *	5-10	$42,800	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$11,400	
Ceilings								
AcousTile,Adhered	5%			2039	* *	5	$5,200	
AcousTileConcealSpLn	25%	0-2	$83,700	2039	* *	5	$16,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Exposed Concrete	50%			LIFE	* *	5-10	$64,600	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,300	
Fiber Board	5%			2026	$33,800			
Plaster	10%			LIFE	* *	5-10	$17,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 371 - BK (ALSO P.S. 231)

Asset # : 1236

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$146,600	5	$300	
Raceway								
Conduit	100%			2026	$123,800	1		
Panelboards								
Fused Disc Sw	10%			2025	$13,500	5	$200	
Molded Case Bkrs	75%			2048	* *	5	$1,300	
Molded Case Bkrs	15%			2025	$20,200	5	$300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2026	$706,700	10	$58,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamp								
HID	2%			2021	$11,000	10		
Incandescent	6%			2021	$46,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$46,600	10	$8,300	
Exit, Service	50%			2026	$9,300	1		
Exterior Lighting								
HID	100%			2021	$253,000	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : CCTV Camera And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 371 - BK (ALSO P.S. 231)

Asset # : 1236

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%	0-2	$277,600	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Obsolete Fire Alarm System								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$21,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2- 6,000 Gal Tanks								
Conversion Equipment								
Steam Boiler	100%			2024	$336,600	1	$68,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers - Also Serves Adjacent Building, Asset # 4230								
Distribution								
Steam Piping/Pump	100%			2026	$482,800	4	$5,100	
Terminal Devices								
Air Handler	20%			2026	$74,600	1	$8,600	
Convector/Radiator	80%			2031	* *	1	$17,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$113,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,100	
Exhaust Fans								
Interior	100%			2026	$76,400	2	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$10,300	2024	$206,500	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2026	$21,500	4	$10,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 371 - BK (ALSO P.S. 231)

Asset # : 1236

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2026	$6,500	1	$4,100	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 373 - SI (FORMER P. S. 40)**
Address : **91 HENDERSON AVENUE @LAFAYETTE AVE.**
Borough : **STATEN ISLAND**
Agency's Number : **R040**
Program / Asset # : **BOE0928.000 / 1435**
Yr Built/Renovated : **1926 / 2012**
Area Sq Ft : **36,000**
Project Type : **EDUCATION**
Date of Survey : **18-Oct-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **73** **Lot** : **64** **BIN** : **5001823**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$91,300	$39,100
Interior Architecture	$141,200	
Electrical	$639,700	$112,600
Mechanical	$289,500	$215,200
Total	**$1,161,800**	**$366,900**
Importance Code A	$91,300	$39,100
Importance Code B	$1,030,300	$327,800
Importance Code C	$40,200	
Total	**$1,161,800**	**$366,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,200			
Interior Architecture	$14,300		$3,800	$2,100
Electrical	$10,300	$1,100	$78,900	$600
Mechanical	$8,500	$5,800	$9,800	$6,700
Total	**$59,200**	**$6,900**	**$92,500**	**$9,400**
Importance Code A	$29,900	$3,700	$3,700	$3,700
Importance Code B	$25,500	$3,200	$88,800	$5,700
Importance Code C	$3,800			
Total	**$59,200**	**$6,900**	**$92,500**	**$9,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 373 - SI (FORMER P. S. 40)

Asset # : 1435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$13,100	
Masonry: Brick	90%	0-2	$91,300	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$1,300	
Windows								
Aluminum	100%	0-2	$26,200	2046	* *	5	$6,300	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$5,500	
Masonry: Brick	90%			LIFE	* *	5	$6,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2034	* *	10	$39,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,000	
Ceramic Tile	5%			2027	* *	5	$2,800	
Marble Panels	5%			LIFE	* *	5	$2,100	
Vinyl Tile	55%			2034	* *	3	$11,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	10%	0-2	$47,000	2034	* *	3	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	20%			2029	* *	3	$5,500	
Interior Walls								
Ceramic Tile	5%	0-2	$3,800	2027	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%			LIFE	* *			
Plaster	90%	0-2	$40,200	LIFE	* *	5	$15,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 373 - SI (FORMER P. S. 40)

Asset # : 1435

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%	0-2	$7,700	2029	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$900	
Plaster	75%	0-2	$54,100	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2054	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2054	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$200	
Raceway								
Conduit	95%			2034	* *	1		
Conduit	5%			2054	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$7,500	5	$100	
Molded Case Bkrs	90%			2023	$67,300	5	$900	
Wiring								
Braided Cloth	65%	2-4	$43,200	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2034	* *	1		
Thermoplastic	5%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$200	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 373 - SI (FORMER P. S. 40)

Asset # : 1435

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	85%			2019	$348,700	10	$28,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2034	* *	10	$3,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Two Classrooms, Gym, Kitchen & Lunch Room								
Incandescent	5%			2019	$20,500	2		
Egress Lighting								
Emergency, Battery	40%			2019	$19,900	10	$3,600	
Emergency, Battery	10%			2034	* *	10	$900	
Exit, Service	50%			2019	$5,000	1		
Exterior Lighting								
HID	100%			2019	$136,000	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$111,900	1-3	$6,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$1,800	
Terminal Devices								
Air Handler	10%			2024	$19,900	1	$2,300	
Convector/Radiator	50%			2022	$174,400	1	$6,000	
Fan Coil Unit/Heat	40%			2019	$221,200	1	$4,800	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 373 - SI (FORMER P. S. 40)

Asset # : 1435

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2019	$68,300	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,600	
Exhaust Fans								
Interior	100%	Now	$2,000	2024	$40,800	2	$900	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Fans								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$8,600	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$600	2024	$11,100	4	$1,600	
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Sump Pump. Basement								
Backflow Preventer								
No Component	90%							
Generic	10%			2024	$300	1	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$500	
Chemical System								
Dry	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 376 - BK**		
Address	: **194 HARMAN STREET BTWN: WILSON AVE. - MYRTLE AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K376**
Program / Asset #	: **BOE1000.000 / 4493**	**Yr Built/Renovated**	: **1995 /**
Area Sq Ft	: **75,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3287** **Lot** : **1**	**BIN**	: **3075074**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$340,700	$587,700
Interior Architecture	$502,200	$90,600
Electrical		$66,000
Mechanical		$480,300
Total	**$842,900**	**$1,224,600**
Importance Code A	$340,700	$587,700
Importance Code B	$191,300	$590,500
Importance Code C	$310,900	$46,500
Total	**$842,900**	**$1,224,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,100			
Interior Architecture	$54,200		$66,000	$7,200
Electrical	$20,000	$6,100	$7,500	$6,100
Mechanical	$52,100	$33,700	$28,500	$27,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$147,200**	**$47,700**	**$110,000**	**$49,000**
Importance Code A	$16,800	$3,700	$3,700	$3,700
Importance Code B	$76,200	$43,900	$106,200	$41,400
Importance Code C	$54,200			$3,900
Total	**$147,200**	**$47,700**	**$110,000**	**$49,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	4+	$202,600	LIFE	* *	5	$108,100	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : All Facades								
Masonry: Granite	5%			LIFE	* *	5	$8,500	
Windows								
Aluminum	100%	Now	$75,900	2034	* *	5	$18,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$72,800	
Metal Rail	20%	4+	$4,100	2039	* *	5	$21,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Railing Throughout								
Metal Security Bars	5%			2054	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$9,600	
Roof								
IRMA/Protected Membrane	100%			2026	$426,200	10	$53,500	
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Drains								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$88,300	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	5%			2035	* *	5	$6,700	
Vinyl Tile	75%			2031	* *	3	$37,900	
Wood	5%			2054	* *	5	$12,600	
Interior Walls								
Cast in Place Concrete	3%			LIFE	* *	10	$19,400	
Ceramic Tile	3%			2035	* *	5	$7,700	
Concrete Masonry Unit	45%	2-4	$258,000	LIFE	* *	5	$46,500	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Masonry: Brick	5%			LIFE	* *	10	$3,900	
SGFT/Glazed Masonry	41%			LIFE	* *	10	$52,900	
Wood	3%			LIFE	* *	5	$61,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	2-4	$62,600	2046	* *	5	$3,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Gymnasium								
AcousTileConcealSpLn	20%			2039	* *	5	$33,700	
AcousTileSusp.Lay-In	45%			2039	* *	5	$60,600	
Exposed Struc: Steel	15%			LIFE	* *	10	$40,400	
Gypsum Board	15%			LIFE	* *	5-10	$69,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2039	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 75 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2039	* *	5	$200	
Motor Control Center	70%			2039	* *	5	$1,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$23,100	
Generators								
Diesel	100%			2035	* *	1	$29,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 350 Kw Caterpillar								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$16,700	
Fuel Storage								
Day Tank	50%			2042	* *	5	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 50 Gals								
Main Tank	50%			2054	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$66,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	4%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$8,400	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$37,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$7,500	2042	* *	4	$3,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Bms Control System Down For 6 Years, Throughout								
Terminal Devices								
Air Handler	40%			2026	$161,800	1	$18,600	
Convector/Radiator	30%			2039	* *	1	$7,300	
Fan Coil Unit/Heat	30%			2031	* *	1	$7,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2031	* *	1	$27,800	
R-22 Refrigerant, Extent : Light, Area Affected : 80%								
Location : AC Room, Basement								
Window/Wall Unit	5%			2021	$7,700	1		
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	80%			2046	* *	4	$4,400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	80%			2026	$216,600	1	$37,100	
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	$101,900	2	$41,800	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$66,200	
Exhaust Fans								
Interior	30%			2031	* *	2	$700	
Roof	70%	Now	$800	2031	* *	2	$1,300	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2 Motors, Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$17,400	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 900 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 376 - BK

Asset # : 4493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$37,800	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,100	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 377 - BK**		
Address	: **200 WOODBINE STREET BTWN: CENTRAL AVE., WILSON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K377**
Program / Asset #	: **BOE0611.000 / 1237**	**Yr Built/Renovated**	: **1974 / 2002**
Area Sq Ft	: **105,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3360** **Lot** : **1**	**BIN**	: **3076784**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$299,600	$206,600
Interior Architecture	$371,900	$53,200
Electrical		$2,148,100
Mechanical	$26,900	$746,500
Total	**$698,300**	**$3,154,300**
Importance Code A	$299,600	$244,400
Importance Code B	$359,300	$2,909,900
Importance Code C	$39,500	
Total	**$698,300**	**$3,154,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,500		$9,800	
Interior Architecture	$74,500		$53,200	$7,600
Electrical	$3,900		$1,100	$1,200
Mechanical	$56,500	$28,900	$37,000	$23,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$189,300**	**$32,900**	**$105,100**	**$36,200**
Importance Code A	$61,300	$10,700	$20,500	$10,700
Importance Code B	$98,600	$22,100	$84,600	$21,900
Importance Code C	$29,400			$3,600
Total	**$189,300**	**$32,900**	**$105,100**	**$36,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$25,300	LIFE	* *	5	$22,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Masonry: Brick Cavity	95%			LIFE	* *	5	$170,500	
Windows								
Aluminum	95%			2042	* *	5	$19,100	
Metal Louvers	5%			2035	* *	10	$6,300	
Parapets								
Cast in Place Concrete	80%	Now	$74,700	LIFE	* *	5	$121,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Brick Cavity	15%			LIFE	* *	5-10	$15,100	
Metal Panel	2%			2046	* *	5	$1,100	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,500	
Roof								
Built-Up (BUR)	95%	Now	$139,600	2031	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Metal Panel	5%			2039	* *	10	$9,800	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$106,400	
Ceramic Tile	5%			2035	* *	5	$8,100	
Slate	10%			LIFE	* *	5	$34,500	
Vinyl Tile	65%			2031	* *	3	$39,500	
Wood	5%			2054	* *	5	$15,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$7,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,500	
Masonry: Brick	5%			LIFE	* *	10	$2,200	
Plaster	50%			LIFE	* *	5-10	$61,000	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$21,500	

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	40%			2039	* *	5	$64,800	
AcousTile,Adhered	15%	Now	$226,000	2046	* *	5	$12,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : First Floor Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : First Floor Corridor								
Exposed Concrete	30%			LIFE	* *	5-10	$60,800	
Metal Panel	5%			LIFE	* *	5	$20,300	
Plaster	10%			LIFE	* *	5-10	$27,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2026	$37,800	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$175,900	5	$400	
Fused Disc Sw	10%			2046	* *	5		
Raceway								
Conduit	95%			2026	$198,200	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Fused Knife Sw	1%	2-4	$1,800	2051	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Molded Case Bkrs	79%			2025	$141,700	5	$2,200	
Molded Case Bkrs	10%			2042	* *	5	$300	
Wiring								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	90%			2026	$268,600	1		
Motor Controllers								
Locally Mounted	30%			2024	$34,500	5	$200	
Motor Control Center	70%			2024	$505,600	5	$2,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$97,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2021	$17,300	10	$100	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$13,100	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$396,600	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$326,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$107,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$8,000	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Room # B21								
Explanation : The Steam Trap In Rm # B21 Might Be Reversed.								
Terminal Devices								
Air Handler	20%			2026	$116,900	1	$13,400	
Convector/Radiator	60%			2031	* *	1	$21,000	
Fan Coil Unit/Heat	20%	Now	$16,200	2026	$324,500	1	$6,300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1st Fl.								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	30%			2029	* *	1	$35,200	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	10%			2021	$22,300	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2026	$63,600	4	$2,400	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2031	* *	1	$20,100	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2021	$26,000	2	$22,600	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$95,700	
Exhaust Fans								
Interior	40%			2031	* *	2	$1,300	
Roof	60%			2026	$51,700	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$25,200	2	$1,600	
Sanitary Piping								
Cast Iron	100%	Now	$4,700	LIFE	* *	1		
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : The Grease Trap, Kitchn								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$54,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 377 - BK

Asset # : 1237

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2026	$189,800	1-2	$4,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 380 - BK**
Address : **370 MARCY AVENUE BTWN: LYNCH ST. - MIDDLETON ST.**
Borough : **BROOKLYN**
Agency's Number : **K380**
Program / Asset # : **BOE0612.000 / 1238**
Yr Built/Renovated : **1981 / 1999**
Area Sq Ft : **155,404**
Project Type : **EDUCATION**
Date of Survey : **28-Dec-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2236** **Lot** : **9**
BIN : **3061235**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,014,000	$219,400
Interior Architecture	$1,068,900	$1,585,900
Electrical	$1,350,500	$1,237,500
Mechanical	$276,300	$975,200
Total	**$3,709,700**	**$4,018,000**
Importance Code A	$1,051,800	$261,500
Importance Code B	$2,657,900	$3,720,500
Importance Code C		$36,100
Total	**$3,709,700**	**$4,018,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,000	$14,200	
Interior Architecture	$27,300		$11,600	$21,400
Electrical	$6,300	$36,100	$4,400	$4,400
Mechanical	$55,300	$84,100	$45,300	$36,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$92,800**	**$142,100**	**$79,400**	**$66,500**
Importance Code A		$33,700	$29,600	$15,400
Importance Code B	$92,800	$108,400	$38,200	$51,100
Importance Code C			$11,600	
Total	**$92,800**	**$142,100**	**$79,400**	**$66,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$100,200	
Masonry: Brick	25%	Now	$201,500	LIFE	* *	5	$33,400	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Bulkheads								
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Foundation Near Basement Corridor								
Windows								
Aluminum	98%			2039	* *	5	$28,400	
Metal Louvers	2%			2032	* *	10	$3,600	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$85,900	
Masonry: Brick	50%			LIFE	* *	5	$9,200	
Pre-Cast Concrete	5%			LIFE	* *	5	$5,800	
Roof								
Built-Up (BUR)	15%			2028	* *	10	$18,000	
IRMA/Protected Membrane	85%	Now	$812,500	2033	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 347, 348								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$49,400	LIFE	* *	5	$51,900	
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Basement, Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Basement, Boiler Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Boiler Room								
Explanation : Evidence Of Ground Water								
Ceramic Tile	5%			2032	* *	5	$11,900	
Terrazzo	3%			LIFE	* *	5	$5,600	
Vinyl Tile	72%			2023	$1,453,300	3	$85,500	
Wood	10%	Now	$783,000	2063	* *	5	$22,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Uneven Surface, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,700	
Folding Partition	5%			2039	* *	5	$23,100	
Metal Panel	10%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$36,100	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$192,000	2043	* *	5	$14,800	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridor Near Auditorium								
Vandalism, Extent : Moderate, Area Affected : 20%								
Location : Corridor Near Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Rooms 340 And 348								
AcousTileConcealSpLn	30%			2028	* *	5	$89,000	
Exposed Concrete	50%			LIFE	* *	5	$18,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Room 347								
Gypsum Board	10%			LIFE	* *	5	$29,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$219,900	5	$700	
Raceway								
Conduit	95%			2023	$235,100	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$400	
Fused Disc Sw	5%			2039	* *	5	$200	
Molded Case Bkrs	85%			2022	$190,600	5	$3,500	
Wiring								
Thermoplastic	95%			2023	$330,000	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$115,100	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$139,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2018	$12,400	10	$100	
Incandescent	1%			2018	$17,300	2		
Egress Lighting								
Emergency, Battery	50%			2023	$104,800	10	$18,800	
Exit, Service	50%			2023	$21,000	1		
Exterior Lighting								
HID	100%			2018	$586,900	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$141,100	1	$17,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								

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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$482,900	1-3	$28,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$48,100	
Conversion Equipment								
Steam Boiler	100%	Now	$37,800	2028	* *	1	$138,500	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : #1 Boiler, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$21,700	2033	* *	4	$7,700	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Pneumatic Control System, Basement								
Terminal Devices								
Air Handler	20%	Now	$3,400	2023	$167,600	1	$17,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Coil Of # M - Z 8 Leaks, Penthouse								
Convector/Radiator	80%			2028	* *	1	$40,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2021	$309,600	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Penthouse								
Reciprocating Compr/Chiller	30%			2023	$158,200	1	$21,600	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	40%			2018	$127,800	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2033	* *	4	$4,600	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 380 - BK

Asset # : 1238

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	30%			2023	$158,400	1	$28,800	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2018	$74,500	2	$32,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,700	
Exhaust Fans								
Interior	40%			2023	$68,700	2	$1,900	
Roof	60%			2023	$74,100	2	$2,900	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$36,200	2	$2,300	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$23,000	
Sanitary Piping								
Cast Iron	100%	Now	$6,800	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Room 142 - Boy's Rest Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$78,400	
Sprinkler								
No Component	80%							
Generic	20%			2033	* *	1-2	$8,700	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 384 - BK**
Address : **242 COOPER STREET BTWN: WILSON AVE., KNICKERBOCKER**
Borough : **BROOKLYN**
Agency's Number : **K384**
Program / Asset # : **BOE0614.000 / 1239**
Yr Built/Renovated : **1975 / 2001**
Area Sq Ft : **111,000**
Project Type : **EDUCATION**
Date of Survey : **17-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3442** **Lot** : **1**
BIN : **3080043**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$487,600	$80,700
Interior Architecture	$662,800	$839,400
Electrical	$1,196,200	$2,030,500
Mechanical	$28,400	$434,900
Total	**$2,375,000**	**$3,385,400**
Importance Code A	$487,600	$80,700
Importance Code B	$1,751,800	$3,304,800
Importance Code C	$135,600	
Total	**$2,375,000**	**$3,385,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,300		$10,500	
Interior Architecture	$74,400		$26,100	$11,800
Electrical	$56,300	$800	$2,400	$1,500
Mechanical	$34,600	$21,400	$35,100	$24,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$203,500**	**$26,100**	**$78,000**	**$41,900**
Importance Code A	$45,700	$11,300	$21,900	$11,300
Importance Code B	$136,100	$14,800	$50,500	$30,500
Importance Code C	$21,800		$5,700	
Total	**$203,500**	**$26,100**	**$78,000**	**$41,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$243,400	LIFE	* *	5	$80,700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%	0-2	$6,800	2046	* *	5	$8,900	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	10%	0-2	$27,500	2039	* *	5	$11,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$84,800	2042	* *	5	$10,100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2035	* *	10	$6,700	
Parapets								
Masonry: Brick	60%	0-2	$107,600	LIFE	* *	5	$9,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Parge Coat Has Light Cracks								
Metal: Cage/Fence	15%			2039	* *	5-10	$18,000	
No Component	25%							
Roof								
Built-Up (BUR)	100%	Now	$51,800	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Rooms 304 And 332c								
Interior								
Floors								
Cast in Place Concrete	10%	Now	$8,900	LIFE	* *	5	$37,500	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%	0-2	$5,000	2035	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	2%	Now	$4,900	2039	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	Now	$320,800	2026	$801,900	3	$35,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Vinyl Tile	20%			2031	* *	3	$12,900	
Wood	10%			2054	* *	5	$32,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$48,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	8%			LIFE	* *	5	$9,700	
Folding Partition	3%			2034	* *	5	$11,400	
Masonry: Brick	5%			LIFE	* *	10	$2,300	
Metal Panel	7%	Now	$14,700	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	72%	Now	$87,600	LIFE	* *	5	$32,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	35%	Now	$38,600	LIFE	* *	5	$9,400	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Basement Under Playground								
Fiber Board	50%	Now	$167,800	2031	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Corridors Throughout								
Explanation : Sagging Panels And Grid System								
Plaster	15%	Now	$33,700	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Various Classrooms, Bulkheads								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 2500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$500	
Raceway								
Conduit	100%			2026	$208,700	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2025	$35,900	5	$500	
Molded Case Bkrs	30%			2025	$53,800	5	$900	
Molded Case Bkrs	50%			2042	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Motor Control Center	100%			2024	$722,300	5	$3,000	
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	94%	2-4	$1,196,200	2036	* *			
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : T-12 Lamps Throughout								
HID	1%	2-4	$9,100	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Mercury								
Incandescent	5%			2021	$63,600	2	$100	
Egress Lighting								
Emergency, Service	50%	2-4	$28,200	2036	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exit, Service	50%	2-4	$15,500	2036	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exterior Lighting								
HID	100%			2021	$419,200	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$67,200	1	$8,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$459,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2052	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Using #2 Oil								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$113,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$5,600	
Terminal Devices								
Air Handler	25%			2026	$154,400	1	$17,700	
Convector/Radiator	75%			2031	* *	1	$27,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2026	$58,300	1	$8,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Window/Wall Unit	25%			2021	$58,900	1		
No Component	60%							
Distribution								
Chilled Wtr Pipe/Pump	15%			2036	* *	4	$800	
No Component	85%							
Terminal Devices								
Air Handler/Cool/Ht	15%			2026	$54,400	1	$10,600	
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2021	$13,700	2	$12,000	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$101,100	
Exhaust Fans								
Interior	50%			2026	$63,300	2	$1,800	
Roof	50%			2026	$45,500	2	$1,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2024	$26,700	2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 384 - BK

Asset # : 1239

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$3,200	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 2%								
Location : Pipe Cracked Next To Boiler Room Entrance								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 10%								
Location : Room 232 On 2nd Floor								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$57,800	
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$3,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 396 - BK (TANDEM P.S. 327 - BK)**
Address : **110 CHESTER STREET BTWN: SUTTER AVE., PITKIN AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K396**
Program / Asset # : **BOE0617.000 / 1242** | **Yr Built/Renovated** : **1967 / 2013**
Area Sq Ft : **243,000** | **Project Type** : **EDUCATION**
Date of Survey : **13-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3520** **Lot** : **8** | **BIN** : **3081032**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$580,900	$717,300
Interior Architecture	$604,000	$4,084,400
Electrical	$233,900	$3,037,500
Mechanical	$145,100	$4,037,600
Total	**$1,563,800**	**$11,876,800**
Importance Code A	$580,900	$1,938,200
Importance Code B	$727,800	$9,888,800
Importance Code C	$255,200	$49,800
Total	**$1,563,800**	**$11,876,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,900	$23,300	$22,700	
Interior Architecture	$57,400			$43,500
Electrical	$28,600	$18,700	$20,500	$20,600
Mechanical	$106,700	$43,500	$69,200	$61,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$206,600**	**$89,500**	**$116,300**	**$129,200**
Importance Code A	$34,300	$48,200	$47,500	$24,800
Importance Code B	$159,000	$41,300	$68,800	$99,400
Importance Code C	$13,300			$5,000
Total	**$206,600**	**$89,500**	**$116,300**	**$129,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK (TANDEM P.S. 327 - BK)
Asset # : 1242

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$332,400	
Pre-Cast Concrete	20%			LIFE	* *	5	$270,100	
Windows								
Aluminum	100%			2048	* *	5	$46,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	5%			LIFE	* *	5-10	$11,600	
Metal Rail	75%			2039	* *	5-10	$460,700	
Metal Security Bars	20%			2054	* *			
Roof								
Built-Up (BUR)	95%			2031	* *	10	$235,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Panel	5%			2039	* *	10	$22,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$246,300	
Ceramic Tile	3%			2035	* *	5	$11,300	
Sheet Vinyl/Rubber	10%			2026	$1,114,000	5	$56,300	
Vinyl Tile	10%	Now	$16,000	2031	* *	3	$14,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%			2021	$2,481,000	3	$112,600	
Wood	2%			2041	* *	5	$14,100	
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$10,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$26,600	
Folding Partition	2%	Now	$105,700	2034	* *	5	$8,300	
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Gymnasium								
Plaster	50%			LIFE	* *	5-10	$141,100	
SGFT/Glazed Masonry	35%			LIFE	* *	10	$58,100	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$93,800	
AcousTileConcealSpLn	20%			2031	* *	5	$93,800	
Plaster	55%			LIFE	* *	5-10	$354,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK (TANDEM P.S. 327 - BK)
Asset # : 1242

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3000 Amps Service								
Switchgear / Switchboard								
Fused Disc Sw	90%			2026	$439,800	5	$900	
Fused Disc Sw	10%			2046	* *	5	$100	
Raceway								
Conduit	80%			2026	$462,400	1		
Conduit	20%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$600	
Molded Case Bkrs	30%			2034	* *	5	$1,900	
Molded Case Bkrs	50%			2025	$239,200	5	$3,200	
Molded Case Bkrs	10%			2042	* *	5	$600	
Wiring								
Braided Cloth	30%	2-4	$233,900	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	60%			2036	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$230,200	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$74,800	
Generators								
Natural Gas	100%			2022	$121,400	1	$94,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Rating Available								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$9,000	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK (TANDEM P.S. 327 - BK)
Asset # : 1242

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2036	* *	10	$225,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2021	$55,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2021	$61,700	1		
Exit, Service	50%			2021	$33,800	1		
Exterior Lighting								
HID	100%			2034	* *	10	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$147,000	1	$18,200	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2021	$1,006,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$617,700	5	$77,700	
Conversion Equipment								
Steam Boiler	100%	0-2	$24,400	2024	$1,220,900	1	$223,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : #2 Burner Oil Leaks								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$12,400	
Terminal Devices								
Air Handler	30%			2026	$405,700	1	$46,500	
Convector/Radiator	70%	Now	$82,900	2031	* *	1	$51,000	
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Adjustment Valves, All Floors								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK (TANDEM P.S. 327 - BK)
Asset # : 1242

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	25%			2021	$212,800	1	$29,100	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : 1 Unit On Main Roof								
Ext Pkg Unit - Cooling	25%			2026	$289,400	2	$3,800	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Lower Roof								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Lower Roof								
Explanation : 2 Units								
Window/Wall Unit	30%			2021	$154,700	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	25%	Now	$12,300	2036	* *	4	$3,100	
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Chilled Water Valves, Main Roof								
No Component	75%							
Terminal Devices								
Fan Coil - Cooling	25%			2026	$386,200	1	$20,300	
No Component	75%							
Heat Rejection								
Remote Air Cond	25%	Now	$30,000	2021	$299,600	2	$34,900	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$221,400	
Exhaust Fans								
Interior	30%			2026	$83,200	2	$2,300	
Roof	70%			2026	$139,600	2	$5,400	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Roofs								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$24,800	
Sanitary Piping								
Cast Iron	100%	Now	$10,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Corroded And Leaking, Basement Boiler Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK (TANDEM P.S. 327 - BK)
Asset # : 1242

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-3							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$87,900	1-2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)**		
Address	: **35 SNYDER AVENUE BTWN: FLATBUSH AVE., BEDFORD AV**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K877**
Program / Asset #	: **BOE0617.010 / 1243**	**Yr Built/Renovated**	: **1875 / 2001**
Area Sq Ft	: **18,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Mar-2015**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **5103** **Lot** : **93**	**BIN**	: **3338996**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$325,700	$43,700
Interior Architecture	$212,500	$51,500
Electrical		$264,700
Total	**$538,300**	**$360,000**
Importance Code A	$325,700	$43,700
Importance Code B	$176,500	$316,200
Importance Code C	$36,100	
Total	**$538,300**	**$360,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$34,000			
Interior Architecture	$6,700		$900	$3,100
Electrical	$300		$200	
Mechanical	$1,600	$2,000	$1,600	$1,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$46,400**	**$6,000**	**$6,600**	**$8,500**
Importance Code A	$34,900	$900	$900	$900
Importance Code B	$11,500	$5,100	$5,700	$6,700
Importance Code C				$900
Total	**$46,400**	**$6,000**	**$6,600**	**$8,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	78%	Now	$57,500	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *	5	$4,400	
Masonry: Limestone	10%	0-2	$19,500	LIFE	* *	5	$2,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	2%			2046	* *	5-10	$4,000	
Windows								
Wood	100%	Now	$268,300	2051	* *	5	$43,700	1
Air Infiltration, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Slate	85%			LIFE	* *	10	$12,300	
Not Accessible	15%							
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,100	
Ceramic Tile	5%	Now	$2,900	2035	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	45%	Now	$115,800	2036	* *	3	$4,700	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vinyl Tile	25%			2031	* *	3	$2,600	
Vinyl Tile	20%			2026	$51,500	3	$2,800	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$1,700	
Gypsum Board	95%			LIFE	* *	5-10	$55,700	
Ceilings								
Gypsum Board	100%			LIFE	* *	5-10	$95,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5		
Molded Case Bkrs	90%			2034	* *	5	$400	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$220,200	10	$16,600	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Incandescent	2%			2026	$4,500	2		
Egress Lighting								
Emergency, Battery	50%			2026	$13,600	10	$2,200	
Exit, Battery	50%			2026	$9,300	10	$600	
Exterior Lighting								
Fluorescent	40%			2026	$25,200	10	$700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Outside								
HID	60%			2026	$44,600	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 396 - BK ANNEX (OLD FLATBUSH TOWN HALL)
Asset # : 1243

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$9,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Gas Fired Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$1,400	
Terminal Devices								
Convector/Radiator	80%			2031	* *	1	$4,800	
Unit Heater-Stm/HW	20%			2026	$26,100	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2021	$31,200	1		
No Component	25%							
Ventilation								
Exhaust Fans								
Roof	100%			2031	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$4,700	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors(B-3)								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 397 - BK**
Address : **490 FENIMORE STREET BTWN: NEW YORK AVE., BROOKLYN AV**
Borough : **BROOKLYN** | **Agency's Number** : **K397**
Program / Asset # : **BOE0618.000 / 1244** | **Yr Built/Renovated** : **1975 /**
Area Sq Ft : **32,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4815** **Lot** : **20** | **BIN** : **3107315**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$806,100
Mechanical		$395,900
Total		**$1,202,000**
Importance Code B		$1,202,000
Total		**$1,202,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$59,700			
Interior Architecture	$31,100		$5,600	$700
Electrical	$30,300	$400	$500	$800
Mechanical	$20,500	$18,000	$12,400	$11,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$145,600**	**$22,300**	**$22,300**	**$16,800**
Importance Code A	$63,000	$3,300	$3,300	$3,300
Importance Code B	$60,100	$19,000	$19,100	$13,500
Importance Code C	$22,500			
Total	**$145,600**	**$22,300**	**$22,300**	**$16,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$52,000	
Pre-Cast Concrete	5%			LIFE	* *	5	$8,900	
Windows								
Aluminum	100%			2042	* *	5	$6,100	
Parapets								
Masonry: Brick Cavity	95%			LIFE	* *	5-10	$29,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,800	
Roof								
Built-Up (BUR)	100%			2031	* *	10	$32,600	
Interior								
Floors								
Cast in Place Concrete	7%	Now	$3,600	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Ceramic Tile	3%			2035	* *	5	$1,500	
Vinyl Tile	90%			2031	* *	3	$16,700	
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	$28,000	
Folding Partition	5%			2042	* *	5	$5,500	
Gypsum Board	10%			LIFE	* *	5-10	$7,400	
Metal Panel	5%			LIFE	* *	10	$1,000	
Ceilings								
AcousTileSusp.Lay-In	95%			2031	* *	5	$46,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$4,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$8,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$97,700	5	$100	
Raceway								
Conduit	100%			2026	$52,600	1		
Panelboards								
Fused Disc Sw	10%			2025	$7,500	5	$100	
Molded Case Bkrs	90%			2025	$67,300	5	$800	
Wiring								
Thermoplastic	100%			2026	$66,500	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	97%			2021	$355,900	10	$29,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	3%			2021	$11,000	2		
Egress Lighting								
Emergency, Battery	50%			2026	$22,300	10	$4,000	
Exit, Service	50%			2026	$4,500	1		
Exterior Lighting								
HID	100%			2021	$120,900	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$29,000	1	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$10,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$32,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	100%			2026	$178,100	1	$20,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2026	$217,800	2	$2,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,200	
Exhaust Fans								
Roof	100%			2026	$26,300	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2026	$10,200	4	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : There Is Only One Circulating Pump								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Thru 3rd Floor								
Explanation : One Hydraulic Elevator								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 397 - BK

Asset # : 1244

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$16,700	
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$1,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 398 - BK (UDC)**
Address : **60 EAST 94 STREET BTWN: RUTLAND RD., EAST NEW YORK**
Borough : **BROOKLYN**
Agency's Number : **K398**
Program / Asset # : **BOE0619.000 / 2615**
Yr Built/Renovated : **1977 / 2011**
Area Sq Ft : **106,000**
Project Type : **EDUCATION**
Date of Survey : **14-Nov-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **4595** **Lot** : **15**
BIN : **3323072**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$126,800	$533,400
Interior Architecture	$482,600	$1,360,600
Electrical		$1,850,400
Mechanical	$27,100	$811,100
Total	**$636,400**	**$4,555,400**
Importance Code A	$126,800	$575,400
Importance Code B	$460,400	$3,930,800
Importance Code C	$49,200	$49,200
Total	**$636,400**	**$4,555,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$14,800		$32,500	
Interior Architecture	$45,400		$6,100	$25,600
Electrical	$1,500	$1,200	$1,900	$2,500
Mechanical	$55,000	$38,100	$34,400	$37,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$120,700**	**$43,300**	**$78,900**	**$69,000**
Importance Code A	$25,700	$10,800	$43,400	$10,800
Importance Code B	$71,100	$32,400	$35,600	$58,200
Importance Code C	$23,900			
Total	**$120,700**	**$43,300**	**$78,900**	**$69,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	73%			LIFE	* *	5	$132,300	
Metal Panel	7%			2046	* *	5-10	$43,600	
Window Wall	20%			2046	* *	5	$68,000	
Windows								
Aluminum	100%			2042	* *	5	$20,300	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$71,000	
Metal Panel	5%			2046	* *	5	$2,900	
Metal Rail	20%			2039	* *	5-10	$53,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,300	
Roof								
Built-Up (BUR)	20%			2026	$98,900	10	$21,600	
IRMA/Protected Membrane	30%			2034	* *	10	$32,400	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Flat Sections Over Second Floor* *Recent Replace Evident, Extent : Light, Area Affected : 100%* *Location : Flat Section Over Second Floor*								
Modified Bitumen	50%			2026	$314,400	10	$54,000	
Interior								
Floors								
Carpet	5%			2022	$104,500	3	$16,400	
Ceramic Tile	5%			2035	* *	5	$8,200	
Quarry Tile	5%			2039	* *	5	$12,300	
Vinyl Tile	85%			2026	$1,183,500	3	$69,600	
Interior Walls								
Concrete Masonry Unit	85%			LIFE	* *	5	$98,500	
Gypsum Board	15%			LIFE	* *	5-10	$36,900	
Ceilings								
AcousTileConcealSpLn	45%	2-4	$297,800	2039	* *	5	$46,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20% *Location : Throughout* *Worn/Eroded, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Gypsum Board	15%			LIFE	* *	5-10	$84,400	
Metal Panel	40%			LIFE	* *	5	$163,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 3000 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$195,500	5	$500	
Raceway								
Conduit	100%			2026	$208,700	1		
Panelboards								
Fused Disc Sw	30%			2025	$53,800	5	$700	
Molded Case Bkrs	70%			2025	$125,600	5	$2,000	
Wiring								
Thermoplastic	100%			2026	$298,400	1		
Motor Controllers								
Locally Mounted	70%			2024	$80,600	5	$500	
Motor Control Center	30%			2024	$216,700	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	94%			2031	* *	10	$94,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2026	$60,800	10	$5,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	1%			2021	$8,700	10		
Egress Lighting								
Emergency, Battery	50%			2026	$73,800	10	$13,200	
Exit, Service	50%			2026	$14,800	1		
Exterior Lighting								
HID	100%			2021	$400,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Horns, Manual Pull Stations And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 398 - BK (UDC)
Asset # : 2615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2036	* *	5	$33,900	
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$108,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%	Now	$4,400	2034	* *	4	$2,200	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Make-up Tank, Basement								
Steam Piping/Pump	60%	Now	$9,200	2036	* *	4	$3,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	70%	Now	$8,300	2026	$412,900	1	$42,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks, Room #340								
Convector/Radiator	30%			2031	* *	1	$10,600	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	5%	Now	$3,500	2024	$70,400	2	$300	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Rooms #250 & 260								
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Rooms #250 & 260 Ceiling								
Reciprocating Compr/Chiller	25%			2021	$92,800	1	$12,700	
R-22 Refrigerant, Extent : Light, Area Affected : 25%								
Location : Basement A C Room								
No Component	70%							
Distribution								
Chilled Wtr Pipe/Pump	25%			2036	* *	4	$1,300	
No Component	75%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2026	$64,900	1	$16,900	
No Component	75%							
Heat Rejection								
Remote Air Cond	25%			2026	$49,000	2	$19,100	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 398 - BK (UDC)

Asset # : 2615

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2026	$120,900	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Boiler Room								
Explanation : Replacement Is In Progress								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$55,200	
Sprinkler								
No Component	75%							
Generic	25%			2036	* *	1-2	$7,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 399 - BK**
Address : **2707 ALBEMARLE ROAD @ROGERS AVE.**
Borough : **BROOKLYN**
Agency's Number : **K399**
Program / Asset # : **BOE0620.000 / 1245**
Yr Built/Renovated : **1981 /**
Area Sq Ft : **37,417**
Project Type : **EDUCATION**
Date of Survey : **07-Jan-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **5111** **Lot** : **1**
BIN : **3117396**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$224,800	$303,800
Interior Architecture	$172,100	
Electrical	$394,700	$277,000
Mechanical		$500,600
Total	**$791,600**	**$1,081,400**
Importance Code A	$224,800	$303,800
Importance Code B	$566,700	$777,600
Total	**$791,600**	**$1,081,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$63,900		$6,000	
Interior Architecture	$25,300			$5,800
Electrical	$1,600	$1,300	$60,600	$1,100
Mechanical	$29,300	$13,700	$22,200	$16,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$124,100**	**$19,000**	**$92,700**	**$27,100**
Importance Code A	$82,700	$3,800	$9,900	$3,800
Importance Code B	$34,700	$15,200	$82,800	$23,300
Importance Code C	$6,600			
Total	**$124,100**	**$19,000**	**$92,700**	**$27,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$8,000	
Masonry: Brick	85%	0-2	$164,100	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Panel	10%			2044	* *	5-10	$22,000	
Windows								
Aluminum	100%	0-2	$30,100	2040	* *	5	$3,600	
Air Infiltration, Extent : Moderate, Area Affected : 80%								
Location : Window Surround								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Weather Strip Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$6,600	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	0-2	$27,200	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	Now	$60,800	2024	$303,800			
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : West Side								
Insul Deter/Miss, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$19,000	
Ceramic Tile	5%	0-2	$2,800	2033	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	80%	0-2	$78,600	2029	* *	3	$17,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	0-2	$3,500	2033	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	75%			LIFE	* *	5	$15,300	
Plaster	15%	0-2	$3,100	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	55%			2037	* *	5	$31,800	
AcousTileSusp.Lay-In	40%	Now	$93,400	2037	* *	5	$11,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$1,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$200	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5	$100	
Molded Case Bkrs	90%			2032	* *	5	$900	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	92%			2019	$394,700	10	$32,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2024	$15,400	10	$100	
Incandescent	3%			2019	$12,900	2		
Egress Lighting								
Emergency, Service	45%			2019	$8,500	1		
Emergency, Battery	5%			2024	$2,600	10	$500	
Exit, Service	50%			2019	$5,200	1		
Exterior Lighting								
HID	100%			2024	$141,300	10	$100	
Alarm								
Security System								
No Component	75%							
Generic	25%			2024	$28,300	1	$3,500	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2024	$135,600	1-3	$8,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$12,000	
Conversion Equipment								
Steam Boiler	100%	Now	$18,800	2029	* *	1	$34,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Burner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$2,900	
Terminal Devices								
Air Handler	90%	Now	$9,400	2024	$187,400	1	$19,300	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Fan Coil Unit/Heat	10%			2024	$57,800	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 399 - BK

Asset # : 1245

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2024	$178,300	2	$2,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Roof								
Explanation : No Access								
Heat Rejection								
Air Condenser Unit	100%			2024	$77,100	2	$26,900	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Roof								
Explanation : No Access								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$21,500	
Exhaust Fans								
Roof	100%			2029	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$12,000	4	$3,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$500	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 4 - BX**
Address : **1701 FULTON AVENUE @E. 173 STREET**
Borough : **BRONX**
Agency's Number : **X004**
Program / Asset # : **BOE0157.000 / 524**
Yr Built/Renovated : **1897 / 2005**
Area Sq Ft : **106,000**
Project Type : **EDUCATION**
Date of Survey : **30-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **2930** **Lot** : **75** **BIN** : **2100071**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,301,000	$265,800
Interior Architecture	$442,400	$170,200
Electrical		$2,312,200
Mechanical	$44,800	$1,300,600
Total	**$1,788,200**	**$4,048,800**
Importance Code A	$1,301,000	$307,800
Importance Code B	$487,200	$3,698,300
Importance Code C		$42,700
Total	**$1,788,200**	**$4,048,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,200		$2,800	$28,600
Interior Architecture	$68,800		$12,200	$8,200
Electrical	$13,400	$4,200	$16,900	$3,600
Mechanical	$15,700	$18,400	$41,900	$16,500
Total	**$109,100**	**$22,500**	**$73,900**	**$56,900**
Importance Code A	$22,000	$10,800	$13,900	$39,400
Importance Code B	$60,600	$11,700	$60,000	$17,400
Importance Code C	$26,500			
Total	**$109,100**	**$22,500**	**$73,900**	**$56,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$50,600	
Masonry: Brick	85%	Now	$1,039,100	LIFE	* *	5	$172,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade Of 1917 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$7,600	
Stucco Cement	5%	Now	$88,000	2029	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Windows								
Aluminum	100%			2040	* *	5	$57,200	
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$3,000	
Masonry: Brick	75%	Now	$128,400	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of 1917 Wing								
Pre-Cast Concrete	5%	Now	$2,700	LIFE	* *	5	$4,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Built-Up (BUR)	80%			2029	* *	10	$45,400	
Copper/Terne	3%			2052	* *	10	$4,300	
Copper/Terne	2%			2039	* *	10	$2,800	
Modified Bitumen	13%	Now	$8,600	2024	$43,000			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Sloped Roof Over Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor								
Skylight, Metal/Glass	2%			2034	* *	10	$3,800	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$35,700	
Ceramic Tile	10%			2027	* *	5	$16,300	
Mosaic Tile	5%			2029	* *	5	$20,400	
Traffic Topping	15%	Now	$303,600	2034	* *	5	$15,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Second Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Corridor								
Vinyl Tile	40%			2029	* *	3	$32,600	
Vinyl Tile	10%			2019	$138,800	3	$6,100	
Wood	10%			2027	* *	5	$30,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%			2027	* *	5	$20,300	
Gypsum Board	10%			LIFE	* *	5	$12,200	
Masonry: Brick	5%			LIFE	* *			
Plaster	5%	Now	$16,300	LIFE	* *	5	$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Bulkheads								
Plaster	65%			LIFE	* *	5	$39,600	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,600	
Plaster	85%			LIFE	* *	5	$86,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Restroom And Room 510								
Plaster	5%	Now	$10,700	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$195,500	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2024	$187,800	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	10%			2032	* *	5	$300	
Molded Case Bkrs	85%			2023	$152,500	5	$2,400	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	20%			2022	$23,000	5	$100	
Locally Mounted	80%			2029	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	5%			2024	$60,600	10	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
Fluorescent	95%			2024	$1,150,600	10	$95,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$13,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$400,300	10	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Of The Building								
Explanation : H I D Lighting Fixtures								
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$11,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$108,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$8,100	
Terminal Devices								
Air Handler	10%			2024	$58,800	1	$6,700	
Convector/Radiator	90%			2022	$926,900	1	$31,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	10%			2022	$217,200	2	$700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Swimming Pool								
Explanation : For Swimming Pool Area								
Window/Wall Unit	20%			2019	$44,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$6,100	
No Component	90%							
Exhaust Fans								
Interior	10%			2024	$12,100	2	$300	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$97,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 4 - BX

Asset # : 524

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2019	$25,400	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2029	* *	4		
Backflow Preventer								
Generic	100%			2024	$10,300	1	$6,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 41 - BX**		
Address	: **3352 OLINVILLE AVENUE @ MAGENTA ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X041**
Program / Asset #	: **BOE0184.000 / 514**	**Yr Built/Renovated**	: **1905 / 2007**
Area Sq Ft	: **71,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **29-Feb-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **4624** **Lot** : **15**	**BIN**	: **2056898**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,300	$115,000
Interior Architecture	$456,500	$774,400
Electrical	$478,000	$412,800
Mechanical	$178,500	$136,800
Total	**$1,156,300**	**$1,439,100**
Importance Code A	$43,300	$133,500
Importance Code B	$1,074,800	$1,117,700
Importance Code C	$38,200	$187,800
Total	**$1,156,300**	**$1,439,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,300	$3,500	$12,000	
Interior Architecture	$42,800	$14,700		$10,200
Electrical	$38,400	$17,300	$2,200	$2,000
Mechanical	$45,000	$21,200	$17,400	$10,200
Total	**$173,600**	**$56,700**	**$31,600**	**$22,400**
Importance Code A	$54,600	$10,900	$19,200	$7,200
Importance Code B	$113,700	$45,800	$12,400	$15,200
Importance Code C	$5,300			
Total	**$173,600**	**$56,700**	**$31,600**	**$22,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$108,600	
Masonry: Brick	5%	Now	$19,300	LIFE	* *	5	$6,400	
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : 1905 Wing Cafeteria Between Exit 6 And 7, 1964 Wing Auditorium At Exit 4								
Masonry: Limestone	5%			LIFE	* *	5	$4,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$20,800	
Windows								
Aluminum	65%			2039	* *	5	$23,900	
Aluminum	35%	0-2	$27,000	2031	* *	5	$6,400	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Throughout 1905 Wing								
Parapets								
Copper/Terne	3%			2043	* *	5	$1,700	
Masonry: Brick	90%			LIFE	* *	5	$10,700	
Metal Rail	2%			2028	* *	5-10	$4,300	
Pre-Cast Concrete	5%	0-2	$1,100	LIFE	* *	5	$3,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout Coping								
Roof								
Built-Up (BUR)	95%			2028	* *	10	$43,300	
Ponding, Extent : Light, Area Affected : 15%								
Location : Throughout								
Copper/Terne	5%			2051	* *	10	$5,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,000	
Ceramic Tile	5%	Now	$10,600	2026	$105,900	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Sheet Vinyl/Rubber	5%			2023	$162,200	5	$8,200	
Terrazzo	5%	0-2	$12,700	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridors Throughout								
Vinyl Tile	30%			2023	$278,800	3	$16,400	
Vinyl Tile	45%	0-2	$418,200	2033	* *	3	$18,400	
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Classrooms Throughout								
Explanation : 9x9 Tiles								
Wood	5%			2038	* *	5	$10,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$187,800	5	$6,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Plaster	70%	0-2	$38,200	LIFE	* *	5	$28,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 4th Floor, Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 4th Floor, Throughout								
SGFT/Glazed Masonry	18%			LIFE	* *			
SGFT/Glazed Masonry	2%	4+	$5,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Auditorium In 1905 Wing By Exit 4								
Ceilings								
AcousTile,Adhered	20%	Now	$10,200	2028	* *	5	$10,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corridor Between The Two Wings								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Corridor Between The Two Wings								
AcousTileSusp.Lay-In	10%			2028	* *	5	$10,900	
Exposed Concrete	10%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	58%			LIFE	* *	5	$39,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2023	$73,300	5	$200	
Fused Disc Sw	50%			2043	* *	5	$200	
Raceway								
Conduit	80%			2023	$99,100	1		
Conduit	20%			2049	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Knife Sw	10%	2-4	$13,500	2048	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fused Toggle Switch	40%	2-4	$53,800	2048	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	30%			2022	$40,400	5	$600	
Molded Case Bkrs	20%			2039	* *	5	$400	
Wiring								
Braided Cloth	80%	2-4	$139,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2049	* *	1		
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	40%			2021	$30,200	5	$200	
Locally Mounted	30%	2-4	$22,700	2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Motor Control Center	30%			2021	$87,800	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$63,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	5%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	40%			2018	$14,400	1		
Emergency, Service	10%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$200	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$64,400	1	$8,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$220,600	1-3	$13,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	98%			2033	* *	5	$22,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (2) 7500 Gallon Oil Tanks								
Fuel Oil No 6	2%	0-2	$3,600	2053	* *	5	$200	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Basement Vault, Defective Electric Oil Tank Heater, Defective Petrometer								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$72,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Steam Piping/Pump	5%	0-2	$25,500	2053	* *	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout, Defective Steam Traps								
Steam Piping/Pump	95%			2033	* *	4	$5,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	5%			2023	$19,700	1	$2,300	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Defective Temperature Controls								
Air Handler	15%			2023	$59,100	1	$6,800	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	15%	0-2	$103,500	2043	* *	1	$3,200	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Throughout, Defective Temperature Controls								
Convector/Radiator	65%			2028	* *	1	$15,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S. 41 - BX

Asset # : 514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$75,100	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$40,700	
Exhaust Fans								
Roof	100%			2023	$58,100	2	$2,200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$17,000	2	$1,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Unit Improperly Installed And Under Sized For Building Demand								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$10,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$2,000	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 42 - BX**				
Address	: **WASHINGTON AVE & CLAREMONT PKY**				
Borough	: **BRONX**			**Agency's Number**	: **X042**
Program / Asset #	: **BOE0185.000 / 203**			**Yr Built/Renovated**	: **1906 / 2008**
Area Sq Ft	: **65,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **25-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2903**	**Lot**	: **23**	**BIN**	: **2009466**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$36,300	$163,400
Interior Architecture	$182,200	$508,600
Electrical	$593,400	$995,300
Mechanical	$36,100	
Total	**$848,000**	**$1,667,400**
Importance Code A	$36,300	$200,400
Importance Code B	$714,500	$1,467,000
Importance Code C	$97,200	
Total	**$848,000**	**$1,667,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$16,900
Interior Architecture	$2,500	$12,500	$15,900	$2,500
Electrical	$10,500	$2,500	$30,000	$3,200
Mechanical	$20,600	$9,600	$85,200	$9,600
Total	**$33,600**	**$24,600**	**$131,100**	**$32,100**
Importance Code A	$6,600	$6,600	$6,800	$23,500
Importance Code B	$27,000	$14,900	$124,400	$8,600
Importance Code C		$3,100		
Total	**$33,600**	**$24,600**	**$131,100**	**$32,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$64,000	
Masonry: Brick	85%			LIFE	* *	5	$99,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	3%			LIFE	* *	5	$2,600	
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Windows								
Aluminum	100%			2040	* *	5	$33,700	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Masonry: Brick	80%			LIFE	* *	5	$8,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	10%			2041	* *	5-10	$19,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,400	
Roof								
Built-Up (BUR)	95%	Now	$36,300	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Rooms 309, 311, 409, 411								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Rooms 309, 311, 409, 411								
Copper/Terne	5%			2052	* *	10	$5,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$10,900	
Ceramic Tile	5%			2033	* *	5	$5,000	
Vinyl Tile	55%			2024	$468,000	3	$20,600	
Vinyl Tile	20%			2029	* *	3	$10,000	
Vinyl Tile	10%			2019	$85,100	3	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Rooms								
Explanation : 9x9 Tiles								
Wood	5%			2039	* *	5	$9,400	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$6,200	
Glass: Single Pane	3%			LIFE	* *	5	$2,800	
Masonry: Brick	10%	Now	$97,200	LIFE	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Throughout Boiler Room								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Boiler Room								
Plaster	82%			LIFE	* *	5	$30,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$10,000	
AcousTileSusp.Lay-In	10%			2029	* *	5	$10,000	
Exposed Concrete	15%			LIFE	* *	5	$2,300	
Plaster	65%			LIFE	* *	5	$40,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 309, 311, 409, 411								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$1,700	
Raceway								
Conduit	85%			2024	$105,300	1		
Conduit	15%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	5%			2040	* *	5	$100	
Molded Case Bkrs	85%			2023	$114,400	5	$1,500	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$400	
Locally Mounted	20%			2022	$15,100	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe.								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2024	$668,400	10	$55,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	8%			2029	* *	10	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	2%			2019	$14,900	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,100	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$245,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$59,000	1	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$202,000	2034	* *	1-3	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : On Extended Life, Manual Pull Stations And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$66,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,300	2034	* *	4	$3,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 42 - BX

Asset # : 203

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	10%			2019	$36,100	1	$4,100	
Convector/Radiator	90%			2029	* *	1	$19,400	
Air Conditioning								
Energy Source								
Electricity	10%			2032	* *	1		
Electricity	90%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$34,400	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$22,400	
No Component	40%							
Exhaust Fans								
Interior	30%			2019	$22,200	2	$600	
Roof	30%			2019	$15,900	2	$600	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$15,600	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$6,300	1	$4,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 43 - BX**
Address : **165 BROWN PLACE BTWN: EAST 135 ST., EAST 136 S**
Borough : **BRONX** | **Agency's Number** : **X043**
Program / Asset # : **BOE0186.000 / 515** | **Yr Built/Renovated** : **1906 / 2010**
Area Sq Ft : **97,000** | **Project Type** : **EDUCATION**
Date of Survey : **13-Dec-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2280** **Lot** : **40** | **BIN** : **2000205**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$49,300	$283,900
Interior Architecture	$92,600	$119,300
Electrical	$438,800	$1,799,300
Mechanical	$385,600	$887,900
Total	**$966,400**	**$3,090,300**
Importance Code A	$49,300	$283,900
Importance Code B	$917,100	$2,761,800
Importance Code C		$44,600
Total	**$966,400**	**$3,090,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,900		$11,600
Interior Architecture		$32,400		$14,500
Electrical	$50,700	$2,300	$1,100	$35,500
Mechanical	$67,500	$13,700	$26,400	$13,700
Total	**$118,200**	**$63,300**	**$27,500**	**$75,300**
Importance Code A	$24,300	$24,800	$9,900	$21,700
Importance Code B	$93,900	$29,300	$17,600	$53,600
Importance Code C		$9,300		
Total	**$118,200**	**$63,300**	**$27,500**	**$75,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$144,800	
Masonry: Brick	75%			LIFE	* *	5	$139,000	
Masonry: Limestone	10%			LIFE	* *	5	$13,900	
Stucco Cement	5%			2030	* *	5	$23,200	
Windows								
Aluminum	100%			2041	* *	5	$52,400	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,500	
Masonry: Brick	75%			LIFE	* *	5	$10,200	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Metal Rail	10%			2038	* *	5-10	$24,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$49,300	
Copper/Terne	5%			2053	* *	10	$6,500	
Interior								
Floors								
Carpet	10%			2021	$190,600	3	$22,400	
Ceramic Tile	3%			2028	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$5,800	
Traffic Topping	5%	Now	$92,600	2035	* *	5	$4,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% *Location : Stairs* *Wrinkling, Extent : Moderate, Area Affected : 50%* *Location : Stairs*								
Vinyl Tile	72%			2030	* *	3	$40,300	
Wood	5%			2040	* *	5	$14,000	
Interior Walls								
Ceramic Tile	10%			2028	* *	5	$18,600	
Plaster	80%			LIFE	* *	5	$44,600	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$14,900	
Exposed Concrete	10%			LIFE	* *	5	$2,300	
Plaster	80%			LIFE	* *	5	$74,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$171,100	2055	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2025	$155,300	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Knife Sw	10%	2-4	$17,900	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	80%			2033	* *	5	$2,000	
Wiring								
Braided Cloth	90%	2-4	$230,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$37,800	5	$300	
Locally Mounted	50%	2-4	$37,800	2045	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2025	$1,030,700	10	$85,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	3%			2025	$33,200	10	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Compact Fluorescent Lamps								
Fluorescent	2%	0-2	$22,200	2035	* *			
Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Incandescent	2%			2020	$22,200	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$12,000	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$366,300	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$88,000	1	$10,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%	Now	$122,900	2035	* *	5	$15,500	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : 1 Of 2 Tanks Badly Corroded, Leaking At Bottom And Has Been Taken Out Of Use								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 - 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$24,300	2030	* *	1	$88,900	
Broken, Extent : Severe, Area Affected : 10%								
Location : #3 Boiler Inside Insulation								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 43 - BX

Asset # : 515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$34,800	2035	* *	4	$4,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Circulating And Vaccum Pumps, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various Locations And All F & T Traps								
Terminal Devices								
Air Handler	10%			2020	$53,800	1	$6,200	
Convector/Radiator	90%			2023	$848,200	1	$29,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2020	$153,800	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,600	
Exhaust Fans								
Interior	50%			2020	$55,100	2	$1,500	
Roof	50%	Now	$4,000	2025	$39,700	2	$1,200	
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$9,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$23,300	1-2	$600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 44 - BX**
Address : **1825 PROSPECT AVENUE @E. 176 STREET**
Borough : **BRONX**
Agency's Number : **X044**
Program / Asset # : **BOE0187.000 / 516**
Yr Built/Renovated : **1911 / 2001**
Area Sq Ft : **72,000**
Project Type : **EDUCATION**
Date of Survey : **30-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2949** **Lot** : **64** **BIN** : **2009957**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$611,300	$135,200
Interior Architecture	$333,800	$548,000
Electrical	$177,300	$881,600
Mechanical	$167,000	$612,100
Total	**$1,289,400**	**$2,177,000**
Importance Code A	$611,300	$172,200
Importance Code B	$636,600	$2,004,800
Importance Code C	$41,500	
Total	**$1,289,400**	**$2,177,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,700			$18,100
Interior Architecture	$2,900	$7,200	$12,900	$4,300
Electrical	$2,700	$2,900	$16,300	$2,000
Mechanical	$11,200	$11,500	$9,500	$9,700
Total	**$29,500**	**$21,600**	**$38,700**	**$34,200**
Importance Code A	$19,900	$7,100	$7,300	$25,200
Importance Code B	$9,600	$14,400	$31,500	$8,900
Importance Code C				
Total	**$29,500**	**$21,600**	**$38,700**	**$34,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$40,900	
Masonry: Brick	90%	Now	$569,100	LIFE	* *	5	$94,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Masonry: Limestone	5%			LIFE	* *	5	$3,900	
Windows								
Aluminum	100%			2040	* *	5	$36,200	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$8,700	
Metal Rail	10%			2037	* *	5-10	$21,000	
Pre-Cast Concrete	15%			LIFE	* *	5	$11,000	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$42,200	
Copper/Terne	5%			2052	* *	10	$5,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,100	
Ceramic Tile	5%			2027	* *	5	$5,700	
Quarry Tile	5%			2029	* *	5	$8,600	
Vinyl Tile	30%	Now	$292,300	2034	* *	3	$12,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Loose Units, Extent : Light, Area Affected : 15%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : First Floor And Basement								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	50%			2024	$487,200	3	$21,500	
Interior Walls								
Ceramic Tile	10%	Now	$41,500	2027	* *	5	$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Corridor(s), Toilet(s), Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor(s), Toilet(s), Stairs								
Concrete Masonry Unit	5%			LIFE	* *	5	$3,000	
Masonry: Brick	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$33,800	
SGFT/Glazed Masonry	5%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$17,200	
Plaster	85%			LIFE	* *	5	$60,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	20%			2034	* *	5	$100	
Fused Disc Sw	20%			2024	$29,300	5	$100	
Molded Case Bkrs	60%			2024	$88,000	5	$1,100	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	20%			2032	* *	5	$300	
Molded Case Bkrs	50%			2023	$67,300	5	$900	
Molded Case Bkrs	30%			2032	* *	5	$600	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$66,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	25%			2019	$24,300	10	$4,300	
Emergency, Battery	25%			2029	* *	10	$4,300	
Exit, Service	25%			2019	$4,900	1		
Exit, Service	25%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$271,900	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$65,400	1	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$223,700	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$71,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,300	
Terminal Devices								
Convector/Radiator	90%			2022	$612,100	1	$20,900	
Fan Coil Unit/Heat	10%			2019	$107,800	1	$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$59,200	1		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%	0-2	$900	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Water Main Valve And Connecting Pipes, Basement								
Water Heater								
Gas Fired	100%			2022	$16,800	2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 44 - BX

Asset # : 516

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$25,200	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 46 - BX EDGAR ALLAN POE**				
Address	: **279 EAST 196 STREET @BAINBRIDGE AVENUE**				
Borough	: **BRONX**		**Agency's Number**	: **X046**	
Program / Asset #	: **BOE0189.000 / 502**		**Yr Built/Renovated**	: **1911 / 2000**	
Area Sq Ft	: **75,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **17-Sep-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **3295**	**Lot** : **1**	**BIN**	: **2094729**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,376,200	$361,700
Interior Architecture	$1,043,300	$383,900
Electrical	$517,300	$374,700
Mechanical	$63,400	$144,500
Total	**$3,000,200**	**$1,264,700**
Importance Code A	$1,376,200	$398,700
Importance Code B	$1,416,500	$827,200
Importance Code C	$207,600	$38,800
Total	**$3,000,200**	**$1,264,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$38,600			
Interior Architecture	$100,400	$4,300	$32,500	$2,900
Electrical	$11,100	$3,700	$21,100	$4,100
Mechanical	$11,600	$13,000	$16,800	$11,100
Total	**$161,700**	**$21,000**	**$70,400**	**$18,100**
Importance Code A	$46,300	$7,600	$7,800	$7,600
Importance Code B	$75,500	$13,300	$62,600	$10,400
Importance Code C	$39,900			
Total	**$161,700**	**$21,000**	**$70,400**	**$18,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX EDGAR ALLAN POE

Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$116,700	LIFE	* *	5	$56,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Spandrel								
Masonry: Brick	85%	Now	$1,102,900	LIFE	* *	5	$121,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Building Corners, Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Building Corners, Throughout West Facade @ Fourth Floor								
Masonry: Limestone	10%	Now	$156,600	LIFE	* *	5	$10,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2032	* *	5	$40,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,100	
Masonry: Brick	95%			LIFE	* *	5	$10,000	
Roof								
Built-Up (BUR)	100%	Now	$18,400	2024	$183,900			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 10%								
Location : Around Roof Drains								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,300	
Ceramic Tile	5%			2027	* *	5	$5,800	
Terrazzo	5%	0-2	$26,800	LIFE	* *	5	$4,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Lobby								
Vinyl Tile	30%			2024	$294,500	3	$13,000	
Vinyl Tile	20%			2029	* *	3	$11,500	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Classrooms								
Wood	30%			2039	* *	5	$65,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 46 - BX EDGAR ALLAN POE
Asset # : 502

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%	0-2	$11,900	2027	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Cafeteria Toilets								
Masonry: Brick	5%	Now	$28,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Marble Panels	2%			LIFE	* *			
Plaster	90%	Now	$207,600	LIFE	* *	5	$38,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Staircase C, Rooms 402, 407, 412								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Staircase C, Rooms 402, 407, 412								
Ceilings								
Exposed Concrete	15%	0-2	$27,900	LIFE	* *	5	$2,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Storage Room Next To Electrical Room								
Exposed Struc: Steel	15%	Now	$729,600	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout Basement								
Plaster	70%	Now	$106,100	LIFE	* *	5	$50,500	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 402, 407, 412								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2024	$58,600	5	$100	
Fused Disc Sw	60%			2044	* *	5	$200	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX EDGAR ALLAN POE

Asset # : 502

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	5%	2-4	$6,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	65%			2023	$87,400	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	60%			2022	$45,300	5	$300	
Locally Mounted	20%			2037	* *	5	$100	
Motor Control Center	20%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$68,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2029	* *	10	$2,100	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	40%			2019	$41,600	10	$7,400	
Emergency, Battery	10%			2029	* *	10	$1,900	
Exit, Service	40%			2019	$8,300	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$283,300	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$33,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX EDGAR ALLAN POE

Asset # : 502

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$76,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,700	
Terminal Devices								
Air Handler	20%			2024	$83,200	1	$9,500	
Convector/Radiator	80%			2029	* *	1	$19,900	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$63,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,000	
Exhaust Fans								
Roof	100%			2024	$61,300	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$17,900	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 46 - BX MINISCHOOL**		
Address	: **279 EAST 196 STREET @BAINBRIDGE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X846**
Program / Asset #	: **BOE0189.010 / 489**	**Yr Built/Renovated**	: **1986 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **17-Sep-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3295** **Lot** : **1**	**BIN**	: **2094729**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$187,700	
Interior Architecture		$138,100
Electrical		$165,800
Total	**$187,700**	**$303,900**
Importance Code A	$187,700	
Importance Code B		$303,900
Total	**$187,700**	**$303,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,800			
Interior Architecture	$26,700	$2,000		
Electrical	$700	$400	$500	$600
Mechanical	$6,100	$100	$1,000	$100
Total	**$58,300**	**$2,500**	**$1,600**	**$600**
Importance Code A	$24,800			
Importance Code B	$33,300	$2,500	$1,500	$600
Importance Code C	$200			
Total	**$58,300**	**$2,500**	**$1,600**	**$600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX MINISCHOOL

Asset # : 489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	0-2	$24,800	2034	* *	5	$32,300	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Along Front Facade								
Windows								
Aluminum	100%	Now	$110,400	2049	* *	5	$1,300	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$77,300	2037	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$500	
Vinyl Tile	97%			2024	$138,100	3	$6,100	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$400	
Gypsum Board	97%			LIFE	* *	5	$8,600	
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$26,200	2029	* *	5	$8,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Classrooms, Corridors								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Classrooms, Corridors								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX MINISCHOOL

Asset # : 489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5		
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5		
Molded Case Bkrs	90%			2032	* *	5	$300	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2024	$124,300	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$7,500	10	$1,400	
Exit, Service	50%			2024	$1,500	1		
Exterior Lighting								
HID	100%			2024	$41,500	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$4,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2044	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%	0-2	$6,100	2029	* *	2	$500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 46 - BX MINISCHOOL

Asset # : 489

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	100%			2024	$12,400	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2044	* *	1		
Galv Iron/Steel	70%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$2,600	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 47 - BX**
Address : **1794 EAST 172 STREET BTWN: ST. LAWRENCE AV - BEACH AV**
Borough : **BRONX** **Agency's Number** : **X047**
Program / Asset # : **BOE0190.000 / 490** **Yr Built/Renovated** : **1912 / 2000**
Area Sq Ft : **84,000** **Project Type** : **EDUCATION**
Date of Survey : **10-Jan-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3786** **Lot** : **16** **BIN** : **2025622**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,270,100	$207,200
Interior Architecture	$666,900	$420,200
Electrical	$1,228,800	$426,900
Mechanical	$37,300	$1,313,000
Total	**$3,203,200**	**$2,367,300**
Importance Code A	$1,270,100	$207,200
Importance Code B	$1,779,800	$1,937,900
Importance Code C	$153,200	$222,200
Total	**$3,203,200**	**$2,367,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$31,900	$6,800		
Interior Architecture	$79,700			$12,900
Electrical	$12,200	$2,000	$1,700	$1,900
Mechanical	$50,900	$24,600	$21,100	$12,800
Total	**$174,700**	**$33,400**	**$22,800**	**$27,600**
Importance Code A	$40,400	$15,500	$8,600	$8,600
Importance Code B	$54,600	$17,900	$14,300	$19,000
Importance Code C	$79,700			
Total	**$174,700**	**$33,400**	**$22,800**	**$27,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	$130,700	LIFE	* *	5	$62,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%	Now	$871,900	LIFE	* *	5	$144,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout Stair(s) And Above 5th Fl Windows								
Masonry: Limestone	5%	Now	$87,700	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$95,100	2039	* *	5	$22,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	55%	Now	$37,300	LIFE	* *	5	$6,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	35%	Now	$47,500	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$12,300	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			2033	* *	5	$2,300	
Roof								
Built-Up (BUR)	95%	Now	$19,600	2028	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2038	* *	10	$5,600	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2026	$125,300	5	$6,500	
Terrazzo	5%	0-2	$60,100	LIFE	* *	5	$5,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance Lobby								
Vinyl Tile	60%	0-2	$66,000	2028	* *	3	$29,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout 12x12 Tiles								
Vinyl Tile	20%	Now	$44,000	2018	$219,900	3	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	10%			2051	* *	5	$24,200	
Interior Walls								
Ceramic Tile	5%	Now	$22,200	2026	$222,200	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Glazed Ceramic Panel	10%	0-2	$25,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	Now	$62,800	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Marble Panels	5%	0-2	$32,100	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	70%	0-2	$90,400	LIFE	* *	5	$33,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 5th Floor, Classrooms, Throughout								
Ceilings								
Masonry:Vault Struct	10%	Now	$47,400	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Throughout Basement								
Plaster	90%	Now	$76,400	LIFE	* *	5	$72,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$26,900	5	$300	
Molded Case Bkrs	60%			2022	$107,600	5	$1,300	
Molded Case Bkrs	25%			2039	* *	5	$600	
Wiring								
Braided Cloth	75%	2-4	$191,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2043	* *	1		
Motor Controllers								
Locally Mounted	20%			2021	$15,100	5	$100	
Motor Control Center	80%			2036	* *	5	$1,800	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	67%			2018	$643,000	10	$53,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	30%			2028	* *	10	$23,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$20,700	10	$100	
Egress Lighting								
Emergency, Battery	50%			2023	$58,300	10	$10,400	
Exit, Service	50%			2023	$11,700	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$317,200	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$261,000	1-3	$16,000	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 5000 Gals								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$85,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$30,200	2023	$603,300	4	$4,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	50%	Now	$4,700	2023	$232,900	1	$24,000	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Steam Coil, Gymnasium Air Handler								
Convector/Radiator	50%			2021	$408,100	1	$14,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$17,800	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$37,300	LIFE	* *	2-5	$48,200	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exhaust Fans								
Roof	100%			2023	$68,700	2	$2,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 47 - BX

Asset # : 490

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$5,200	2028	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 5%								
Location : Leak In Basement								
Water Heater								
Gas Fired	100%			2023	$20,100	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2028	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Boilers Only								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 48 - BX**		
Address	: **1290 SPOFFORD AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X048**
Program / Asset #	: **BOE0191.000 / 491**	**Yr Built/Renovated**	: **1916 / 2009**
Area Sq Ft	: **85,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2766** **Lot** : **1**	**BIN**	: **2006680**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$425,700	$193,400
Interior Architecture	$1,397,500	$163,800
Electrical	$614,200	$1,658,600
Mechanical	$155,300	$712,900
Total	**$2,592,800**	**$2,728,700**
Importance Code A	$425,700	$230,400
Importance Code B	$1,670,000	$2,459,200
Importance Code C	$497,100	$39,100
Total	**$2,592,800**	**$2,728,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,100			
Interior Architecture	$113,800	$4,900		$1,600
Electrical	$600	$1,100	$1,600	$16,000
Mechanical	$24,900	$12,100	$21,200	$63,000
Total	**$155,500**	**$18,100**	**$22,800**	**$80,600**
Importance Code A	$37,400	$8,700	$8,700	$8,800
Importance Code B	$61,100	$9,400	$14,200	$71,800
Importance Code C	$57,000			
Total	**$155,500**	**$18,100**	**$22,800**	**$80,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$63,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$130,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$12,200	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%	0-2	$5,800	2045	* *	5	$15,200	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$384,700	2041	* *	5	$23,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$10,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$1,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2030	* *	10	$40,900	
Metal Panel	10%	Now	$10,300	2038	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$27,200	LIFE	* *	5	$14,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%	Now	$126,800	2040	* *	5	$3,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%	Now	$15,200	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Entrance Lobby								
Vinyl Tile	30%			2030	* *	3	$14,700	
Vinyl Tile 9" X 9"	10%	2-4	$14,400	2020	$144,200	3	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	45%	0-2	$388,500	2040	* *	5	$55,200	
Dry Rot/Decay, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$224,800	2040	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glass: Single Pane	5%	Now	$24,500	LIFE	* *	5	$6,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Marble Panels	5%	Now	$32,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$209,200	LIFE	* *	5	$39,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%	Now	$63,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%	Now	$52,900	2045	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Concrete	10%	0-2	$42,100	LIFE	* *	5	$2,000	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$146,000	LIFE	* *	5	$69,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$171,100	5	$400	
Raceway								
Conduit	100%			2025	$172,600	1		
Panelboards								
Fused Disc Sw	5%			2024	$9,000	5	$100	
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	85%			2024	$152,500	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$204,400	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2025	$51,100	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : At Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$922,600	10	$76,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Incandescent	5%			2020	$48,600	2	$100	
Egress Lighting								
Exit, Service	50%			2020	$11,800	1		
Exit, Battery	50%			2020	$40,200	10	$3,000	
Exterior Lighting								
HID	100%			2020	$321,000	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2035	* *	5	$27,100	
Conversion Equipment								
Steam Boiler	100%	Now	$21,300	2030	* *	1	$77,900	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : #2 Boiler Tube Leakage								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$61,000	2035	* *	4	$4,300	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2020	$94,300	1	$10,800	
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Basement								
Convector/Radiator	80%			2023	$660,700	1	$22,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - BX

Asset # : 491

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2020	$18,000	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$9,700	
No Component	80%							
Exhaust Fans								
Interior	20%			2020	$19,300	2	$500	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$52,200	1		
Water Heater								
Gas Fired	100%			2023	$20,300	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Unit Being Used								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$20,400	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 48 - M**		
Address	: **4360 BROADWAY @ W.186 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M048**
Program / Asset #	: **BOE0975.000 / 4138**	**Yr Built/Renovated**	: **1993 / 2011**
Area Sq Ft	: **93,913**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2167** **Lot** : **29**	**BIN**	: **1076752**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$614,800	$69,700
Interior Architecture	$117,100	$66,900
Electrical		$2,033,000
Total	**$731,900**	**$2,169,600**
Importance Code A	$614,800	$69,700
Importance Code B	$117,100	$2,099,900
Total	**$731,900**	**$2,169,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,000		$14,000	
Interior Architecture	$98,000		$15,100	$900
Electrical	$10,700	$7,600	$14,700	$7,600
Mechanical	$102,100	$22,900	$64,400	$25,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$241,600**	**$40,300**	**$118,000**	**$43,700**
Importance Code A	$25,600	$4,600	$18,700	$4,600
Importance Code B	$192,100	$35,700	$99,300	$38,800
Importance Code C	$24,000			$300
Total	**$241,600**	**$40,300**	**$118,000**	**$43,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$139,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$14,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	97%	2-4	$88,800	2042	* *	5	$10,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	3%			2035	* *	10	$4,100	
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$15,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	35%			2039	* *	5-10	$23,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Copper/Terne	5%			2054	* *	10	$25,100	
IRMA/Protected Membrane	95%	Now	$456,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : At Roof Exit Door								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads At Stairs 5 And 6, Near Elevator At Fifth Floor								
Interior								
Floors								
Cast in Place Concrete	5%	Now	$5,600	LIFE	* *	5	$11,700	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Fuel Oil Tank Room								
Ceramic Tile	5%	0-2	$20,800	2029	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	0-2	$5,000	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	5%	Now	$13,700	2031	* *	3	$2,000	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Auditorium Aisle At Front Stage								
Vinyl Tile	75%			2031	* *	3	$30,100	
Wood	5%			2054	* *	5	$10,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$3,500	
Ceramic Tile	2%			2035	* *	5	$600	
Glass: Single Pane	3%			LIFE	* *	5	$1,300	
Gypsum Board	45%			LIFE	* *	5-10	$21,400	
Masonry: Brick	5%			LIFE	* *	10	$400	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$5,600	
Ceilings								
AcousTileConcealSpLn	20%	0-2	$8,700	2039	* *	5	$13,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	20%	0-2	$8,700	2039	* *	5	$10,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5-10	$13,400	
Gypsum Board	50%			LIFE	* *	5-10	$184,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amp & One 2500 Amp Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$200	
Molded Case Bkrs	90%			2034	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$28,900	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2029	* *	1	$36,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,500	
Fuel Storage								
Day Tank	50%			2034	* *	5	$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 15 Gals								
Main Tank	50%			2041	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,022,300	10	$84,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2026	$20,900	2		
Egress Lighting								
Emergency, Service	50%			2026	$23,100	1		
Exit, Service	50%			2026	$12,700	1		
Exterior Lighting								
HID	100%			2026	$354,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$85,200	1	$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : 12 CCTV Cameras And Intrusion Alarm								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2026	$486,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : Two 5,500 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$46,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Boilers								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$23,600	2034	* *	4	$4,600	
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Terminal Devices								
Air Handler	50%			2031	* *	1	$29,000	
Convector/Radiator	50%			2039	* *	1	$15,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2031	* *	1	$21,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Chillers In The Basement								
Ext Pkg Unit - Cooling	50%			2031	* *	2	$2,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	50%			2046	* *	4	$3,500	
Ductwork/Diffusers	50%			LIFE	* *	2	$76,400	
Terminal Devices								
Air Handler/Cool/Ht	50%			2031	* *	1	$29,000	
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%			2031	* *	2	$32,700	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,900	
Exhaust Fans								
Roof	100%			2031	* *	2	$2,900	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 48 - M

Asset # : 4138

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater								
Gas Fired	50%			2024	$10,900	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Gas Fired	50%			2019	$10,900	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Duplex Sets								
Backflow Preventer								
Generic	100%			2034	* *	1	$5,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B To 4 And 1 To 5								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$47,400	
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$3,900	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 49 - BX**				
Address	: **383 EAST 139 STREET BTWN: ALEXANDER AVE., WILLIS AVE**				
Borough	: **BRONX**			**Agency's Number**	: **X049**
Program / Asset #	: **BOE0192.000 / 492**			**Yr Built/Renovated**	: **1965 / 2009**
Area Sq Ft	: **114,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **13-Dec-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **2302**	**Lot**	: **40**	**BIN**	: **2000626**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$322,800	$901,300
Interior Architecture	$2,750,100	
Electrical	$1,494,700	$562,800
Mechanical	$251,500	$783,900
Total	**$4,819,100**	**$2,248,000**
Importance Code A	$322,800	$1,495,100
Importance Code B	$3,910,900	$752,800
Importance Code C	$585,400	
Total	**$4,819,100**	**$2,248,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,900			$37,700
Interior Architecture	$73,300	$1,700		$22,900
Electrical	$200	$200	$1,300	$59,100
Mechanical	$24,700	$16,600	$32,000	$74,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$142,000**	**$22,400**	**$37,300**	**$197,700**
Importance Code A	$51,500	$11,700	$11,700	$49,500
Importance Code B	$74,700	$10,700	$25,600	$148,200
Importance Code C	$15,700			
Total	**$142,000**	**$22,400**	**$37,300**	**$197,700**

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	$110,300	LIFE	* *	5	$73,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	2%	Now	$4,300	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	20%			2051	* *	5-10	$134,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Granite Panels	3%			LIFE	* *	5	$2,200	
Windows								
Aluminum	95%			2047	* *	5	$20,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%	Now	$2,700	LIFE	* *	5	$700	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$5,100	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	40%	Now	$73,700	LIFE	* *	5	$6,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Around Courtyard Roof								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	55%	0-2	$17,400	2030	* *	5	$28,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Copper/Terne	5%			2060	* *	10	$14,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	75%	2-4	$138,800	2025	$694,200			
IRMA/Protected Membrane	20%			2030	* *	10	$23,200	

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$19,300	
Ceramic Tile	5%	2-4	$34,100	2034	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%	Now	$20,500	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	4%	2-4	$3,000	2030	* *	3	$2,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout 12x12 Tiles								
Vinyl Tile 9" X 9"	80%	Now	$465,600	2020	$1,551,900	3	$52,800	
Adhesion Failure, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	1%			2053	* *	5	$3,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%	Now	$215,000	2040	* *	5	$3,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$3,500	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Gym								
Glazed Ceramic Panel	5%	0-2	$12,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	55%	0-2	$68,700	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$301,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	30%	Now	$147,300	2030	* *	5	$26,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
AcousTileSusp.Lay-In	5%			2030	* *	5	$8,800	
Exposed Concrete	53%			LIFE	* *	5	$14,600	
Exposed Struc: Steel	2%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$11,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$175,900	5	$400	
Fused Disc Sw	10%			2051	* *	5		
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Molded Case Bkrs	80%			2024	$143,500	5	$2,400	
Molded Case Bkrs	10%			2047	* *	5	$300	
Wiring								
Braided Cloth	90%	2-4	$268,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughoput The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	70%	2-4	$80,600	2045	* *	5	$300	
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Locally Mounted	30%			2023	$34,500	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Lighting								
Interior Lighting								
Fluorescent	85%			2030	* *	10	$91,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2035	* *	10	$2,200	
T-8 Lamps, Extent : Moderate, Area Affected : 2%								
Location : Library								
HID	3%			2020	$28,200	10	$100	
Incandescent	10%			2020	$130,700	2	$300	

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2020	$79,400	10	$14,200	
Exit, Service	50%			2020	$15,900	1		
Exterior Lighting								
HID	100%			2020	$430,500	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$413,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$36,500	
Conversion Equipment								
Steam Boiler	100%			2023	$572,800	1	$116,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$82,200	2035	* *	4	$5,800	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Thermostats, Throughout								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	20%			2025	$126,900	1	$14,600	
Convector/Radiator	80%			2030	* *	1	$30,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$169,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 49 - BX

Asset # : 492

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	10%	Now	$700	2025	$13,000	2	$300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Fan Room, Basement								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : There Is No Vent For Gas Room								
Roof	90%			2025	$84,200	2	$3,200	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$7,000	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2020	$27,400	2	$1,700	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$11,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2020	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-1								
Explanation : 1 Unit								
No Component	80%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 5 - M**
Address : **3703 10TH AVE. @ DYCKMAN ST - HARLEM RIVER DR**
Borough : **MANHATTAN**
Agency's Number : **M005**
Program / Asset # : **BOE0976.000 / 4139**
Yr Built/Renovated : **1993 /**
Area Sq Ft : **93,233**
Project Type : **EDUCATION**
Date of Survey : **03-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2150** **Lot** : **30** **BIN** : **1084201**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$878,800	$96,000
Interior Architecture	$117,100	$66,900
Electrical		$361,000
Mechanical		$1,151,800
Total	**$995,900**	**$1,675,800**
Importance Code A	$878,800	$96,000
Importance Code B	$117,100	$1,579,800
Total	**$995,900**	**$1,675,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,200		$6,500	$8,400
Interior Architecture	$80,000		$42,500	
Electrical	$24,500	$7,200	$10,000	$7,200
Mechanical	$66,500	$28,300	$34,200	$30,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$215,100**	**$43,400**	**$101,100**	**$54,200**
Importance Code A	$43,100	$6,900	$13,400	$15,300
Importance Code B	$147,400	$36,500	$87,700	$38,900
Importance Code C	$24,600			
Total	**$215,100**	**$43,400**	**$101,100**	**$54,200**

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,800	
Masonry: Brick Cavity	76%			LIFE	* *	5	$109,200	
Metal Panel	5%			2046	* *	5-10	$24,700	
Pre-Cast Concrete	2%			LIFE	* *	5	$9,300	
Stucco Cement	5%			2039	* *	5	$9,000	
Window Wall	10%			2046	* *	5	$26,900	
Windows								
Aluminum	98%			2042	* *	5	$21,400	
Metal Louvers	2%			2035	* *	10	$2,700	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$22,500	
Metal Panel	2%			2046	* *	5	$300	
Metal Rail	5%			2039	* *	5-10	$3,300	
Pre-Cast Concrete	3%			LIFE	* *	5	$1,400	
Roof								
IRMA/Protected Membrane	75%	Now	$750,500	2031	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Roof Drain Covers								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 4th Floor, Computer Room								
Metal Panel	20%			2039	* *	10	$73,600	
Roll Roofing	5%			2025	$41,400	5	$16,700	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,900	
Ceramic Tile	5%	Now	$10,400	2035	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Restrooms								
Quarry Tile	5%			2039	* *	5	$8,000	
Terrazzo	5%			LIFE	* *	5	$8,400	
Vinyl Tile	70%			2031	* *	3	$28,100	
Wood	5%			2054	* *	5	$10,000	

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$3,900	2035	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Boys And Girls Restrooms On First Floor								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,200	
Glass Block	2%			LIFE	* *	10	$200	
Glass: Single Pane	3%			LIFE	* *	5	$1,300	
Gypsum Board	10%	Now	$2,300	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 422								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 422								
Gypsum Board	40%			LIFE	* *	5-10	$19,000	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$4,200	
Ceilings								
AcousTileConcealSpLn	20%			2039	* *	5	$26,800	
AcousTileSusp.Lay-In	20%			2039	* *	5	$21,400	
Exposed Struc: Steel	5%			LIFE	* *	10	$10,700	
Gypsum Board	50%			LIFE	* *	5-10	$184,100	
Metal Panel	5%			LIFE	* *	5	$13,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2039	* *	5	$400	
Motor Control Center	30%			2039	* *	5	$800	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$28,700	
Generators								
Diesel	100%			2035	* *	1	$36,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One 250 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$20,800	
Fuel Storage								
Day Tank	50%			2042	* *	5	$8,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 40 Gallons								
Main Tank	50%			2054	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 6000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	3%			2026	$31,100	10	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	10%			2034	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Auditorium And Lobby								
Explanation : T-5 Lamps								
Fluorescent	84%			2034	* *	10	$71,800	
Other Observation, Extent : Moderate, Area Affected : 84%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2026	$22,300	10	$100	
Egress Lighting								
Emergency, Service	30%			2026	$13,800	1		
Exit, Service	70%			2026	$17,600	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$56,400	1	$7,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$193,100			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel Oil								
Conversion Equipment								
Heat Exchanger	50%			2029	* *	1	$23,100	
Steam Boiler	50%			2031	* *	1	$46,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2034	* *	4	$3,400	
Steam Piping/Pump	50%	0-2	$6,500	2036	* *	4	$2,300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								
Terminal Devices								
Air Handler	50%			2026	$251,400	1	$28,800	
Convector/Radiator	50%			2039	* *	1	$15,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	100%			2026	$430,300			
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$396,000	1	$57,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse And Second Floor Fan Rooms								
Explanation : Equipment Accounted For Under Heating Section Of This Report								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$82,300	
Exhaust Fans								
Roof	100%			2026	$74,100	2	$2,900	
Plumbing								

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DEPARTMENT OF EDUCATION - 040

P. S. 5 - M

Asset # : 4139

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Triplex Booster Pumps								
Water Heater								
Electric	10%			2021	$1,400	4	$100	
Gas Fired	75%			2026	$16,300	2	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Basement Boiler Room								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Boiler Room								
Explanation : 1- 400 Gallon Unit serves Toilet Rooms								
Gas Fired	15%			2021	$3,300	2	$200	
Other Observation, Extent : Light, Area Affected : 25%								
Location : First Floor Kitchen Equipment Room								
Explanation : Serves Kitchen								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$5,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4, 1-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$47,000	
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$5,200	
Fire Pump								
Generic	100%			2029	* *	1	$17,400	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 50 - BX**				
Address	: **1550 VYSE AVENUE @E. 172-173 STS.**				
Borough	: **BRONX**			**Agency's Number**	: **X050**
Program / Asset #	: **BOE0193.000 / 493**			**Yr Built/Renovated**	: **1914 / 2012**
Area Sq Ft	: **74,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **14-Feb-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **2996**	**Lot**	: **10**	**BIN**	: **2010786**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$702,300	$276,600
Interior Architecture	$193,700	$98,100
Electrical	$418,800	$1,122,500
Mechanical	$53,100	$782,000
Total	**$1,368,000**	**$2,279,200**
Importance Code A	$702,300	$313,600
Importance Code B	$665,700	$1,929,500
Importance Code C		$36,200
Total	**$1,368,000**	**$2,279,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$6,400	$2,800	$37,700	$3,800
Electrical	$11,900	$2,800	$35,200	$2,300
Mechanical	$10,300	$11,000	$51,500	$11,800
Total	**$28,500**	**$16,600**	**$124,400**	**$18,000**
Importance Code A	$7,500	$7,500	$7,700	$7,500
Importance Code B	$21,000	$9,100	$116,700	$10,400
Total	**$28,500**	**$16,600**	**$124,400**	**$18,000**

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$55,200	
Masonry: Brick	90%	Now	$384,100	LIFE	* *	5	$127,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Boiler Room								
Masonry: Limestone	5%			LIFE	* *	5	$5,300	
Windows								
Aluminum	95%	Now	$318,200	2040	* *	5	$19,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,200	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$700	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Balusters								
Roof								
Built-Up (BUR)	30%			2024	$54,400	10	$11,900	
Built-Up (BUR)	70%			2034	* *	10	$27,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Fifth Floor								
Interior								
Floors								
Carpet	5%			2025	$72,700	3	$8,500	
Cast in Place Concrete	10%			LIFE	* *	5	$24,900	
Ceramic Tile	5%			2033	* *	5	$5,700	
Quarry Tile	3%			2037	* *	5	$5,100	
Vinyl Tile	27%			2029	* *	3	$15,400	
Vinyl Tile	20%			2019	$193,700	3	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors, Cafeteria								
Explanation : 9x9 Units								
Wood	25%			2039	* *	5	$53,400	
Wood	5%			2059	* *	5	$10,700	
Interior Walls								
Marble Panels	5%			LIFE	* *			
Plaster	85%			LIFE	* *	5	$36,200	
SGFT/Glazed Masonry	10%			LIFE	* *			

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,800	
Metal Panel	3%			LIFE	* *	5	$4,300	
Plaster	87%			LIFE	* *	5	$61,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$73,300	5	$200	
Fused Disc Sw	50%			2044	* *	5	$200	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	5%			2023	$6,700	5	$100	
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	70%			2023	$94,200	5	$1,400	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2037	* *	5	$300	
Locally Mounted	30%			2022	$22,700	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	85%			2024	$718,700	10	$59,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T-12 Lamps								
Fluorescent	10%			2029	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	2%			2024	$16,900	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light Fixtures								
Incandescent	3%			2019	$25,400	2	$100	
Egress Lighting								
Emergency, Service	50%			2024	$18,700	1		
Exit, Service	50%			2024	$10,300	1		
Exterior Lighting								
HID	100%			2032	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$67,200	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$229,900	1-3	$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$75,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 50 - BX

Asset # : 493

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$53,100	2034	* *	4	$3,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%			2024	$41,000	1	$4,700	
Convector/Radiator	90%			2022	$647,100	1	$22,100	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$23,500	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,400	
Exhaust Fans								
Interior	20%			2024	$16,800	2	$500	
Roof	80%			2024	$48,400	2	$1,900	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$45,500	1		
Water Heater								
Gas Fired	100%			2022	$17,700	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$26,700	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 528 - M (I. S. 528 - M)**
Address : **180 WADSWORTH AVENUE BTWN: WEST 182 ST., WEST 183 S**
Borough : **MANHATTAN**
Agency's Number : **M528**
Program / Asset # : **BOE0139.000 / 1630**
Yr Built/Renovated : **1925 / 2014**
Area Sq Ft : **21,000**
Project Type : **EDUCATION**
Date of Survey : **01-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2164** **Lot** : **32** **BIN** : **1063928**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$171,200	
Interior Architecture	$256,400	
Electrical		$338,900
Mechanical		$126,000
Total	**$427,600**	**$464,900**
Importance Code A	$171,200	
Importance Code B	$256,400	$464,900
Total	**$427,600**	**$464,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,800		$1,600	
Interior Architecture	$33,400		$3,300	$5,100
Electrical	$300		$300	
Mechanical	$36,000	$7,800	$17,600	$12,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$101,500**	**$11,800**	**$26,800**	**$21,300**
Importance Code A	$30,100	$2,300	$3,900	$2,300
Importance Code B	$41,800	$9,500	$22,800	$18,000
Importance Code C	$29,600			$1,000
Total	**$101,500**	**$11,800**	**$26,800**	**$21,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$18,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$800	
Masonry: Limestone	5%			LIFE	* *	5	$800	
Windows								
Aluminum	100%	Now	$171,200	2042	* *	5	$5,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$11,000	
Masonry: Limestone	15%	Now	$8,400	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Metal Cornice	5%			2054	* *	10	$600	
Stucco Cement	35%			2039	* *	5	$3,200	
Roof								
Built-Up (BUR)	98%			2031	* *	10	$16,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	2%			2046	* *	10	$1,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : 2 Units								
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$1,700	
Vinyl Tile	75%	Now	$44,600	2031	* *	3	$9,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Wood	10%			2054	* *	5	$6,600	
Wood	10%			2066	* *	5	$6,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$2,000	
Glass Block	2%			LIFE	* *	10	$300	
Gypsum Board	45%			LIFE	* *	5-10	$30,400	
SGFT/Glazed Masonry	48%			LIFE	* *	10	$9,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	75%	4+	$211,800	2046	* *	5	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 402, 403, 406								
AcousTileConcealSpLn	20%			2046	* *	5	$8,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$6,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5		
Molded Case Bkrs	95%			2034	* *	5	$500	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	100%			2026	$259,600	10	$21,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2026	$15,800	10	$2,800	
Exit, Service	50%			2026	$3,200	1		
Exterior Lighting								
HID	100%			2026	$79,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1 - 3,000 Gallon Tank For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$23,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 - Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$8,200	2036	* *	4	$1,200	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Condensate Return Lines								
Terminal Devices								
Air Handler	100%			2026	$126,000	1	$14,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$1,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Units On Roof								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$38,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,600	
Exhaust Fans								
Roof	100%			2031	* *	2	$700	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 528 - M (I. S. 528 - M)

Asset # : 1630

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$5,400	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$1,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : B To 4							
	Explanation : One Unit - Has Leak							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$1,300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 53 - BX**
Address : **360 EAST 168 STREET BTWN: FINDLAY AVE - TELLER AVE**
Borough : **BRONX**
Agency's Number : **X053**
Program / Asset # : **BOE0195.000 / 142**
Yr Built/Renovated : **1913 / 2013**
Area Sq Ft : **62,000**
Project Type : **EDUCATION**
Date of Survey : **30-Apr-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2435** **Lot** : **75**
BIN : **2002299**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$202,200	$110,200
Interior Architecture	$893,000	$300,800
Electrical	$70,800	$86,000
Mechanical	$77,500	
Total	**$1,243,600**	**$497,000**
Importance Code A	$202,200	$110,200
Importance Code B	$960,400	$386,800
Importance Code C	$81,100	
Total	**$1,243,600**	**$497,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,800		$32,500	
Interior Architecture	$17,800	$3,000	$2,400	$7,800
Electrical	$36,300	$1,600	$7,900	$1,500
Mechanical	$26,900	$9,100	$21,300	$10,600
Total	**$132,800**	**$13,600**	**$64,200**	**$19,900**
Importance Code A	$58,100	$6,300	$38,800	$6,300
Importance Code B	$74,700	$4,300	$25,300	$13,600
Importance Code C		$3,000		
Total	**$132,800**	**$13,600**	**$64,200**	**$19,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	$166,300	LIFE	* *	5	$110,200	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Water Entering At Grade Level Along Building Perimeter								
Masonry: Granite	2%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%	2-4	$35,900	LIFE	* *	5	$4,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$28,100	2046	* *	5	$16,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$6,700	
Masonry: Brick	90%	0-2	$22,500	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	98%			2029	* *	10	$32,500	
Metal Panel	2%			2037	* *	10	$1,200	
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$9,900	LIFE	* *	5	$20,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Mosaic Tile	2%			2029	* *	5	$4,800	
Marble Panels	1%	2-4	$3,500	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	2%	2-4	$4,400	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	0-2	$73,000	2024	$243,500	3	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Gymnasium And Throughout								
Vinyl Tile	35%	2-4	$85,200	2019	$284,100	3	$12,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout 9 X 9 Tiles								
Wood	20%	4+	$188,900	2039	* *	5	$17,900	
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$5,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	85%	Now	$81,100	LIFE	* *	5	$30,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th And 5th Levels Of Stair #2								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	2%	0-2	$120,600	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Boiler Room								
Metal Panel	2%			LIFE	* *	5	$2,400	
Plaster	96%	2-4	$60,100	LIFE	* *	5	$57,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	10%			2024	$3,700	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Under Construction	90%							
Switchgear / Switchboard								
Fused Disc Sw	10%			2024	$14,700	5		
Under Construction	90%							
Raceway								
Conduit	10%			2024	$12,400	1		
Under Construction	90%							
Panelboards								
Molded Case Bkrs	10%			2023	$13,500	5	$200	
Under Construction	90%							
Wiring								
Braided Cloth	20%	2-4	$34,800	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2034	* *	1		
Thermoplastic	10%			2050	* *	1		
Under Construction	60%							
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$400	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	10%			2032	* *	10	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2019	$70,800	10	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	5%			2024	$25,500	10	$100	
Under Construction	75%							
Egress Lighting								
Emergency, Battery	50%			2024	$43,000	10	$7,700	
Emergency, Battery	50%			2024	$43,000	10	$7,700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	* *	1	$4,600	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2034	* *	1-3	$11,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 7,500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$3,100	
Terminal Devices								
Convector/Radiator	90%			2029	* *	1	$18,500	
Fan Coil Unit/Heat	10%	Now	$38,200	2029	* *	1	$1,900	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium And Cafeteria								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$39,300	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$14,200	
No Component	60%							
Exhaust Fans								
Interior	15%	Now	$3,200	2024	$10,600	2	$200	
Unit Inoperable, Extent : Severe, Area Affected : 15%								
Location : Auditorium Blower, Basement								
Roof	40%	Now	$4,100	2024	$20,300	2	$600	
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Roof								
No Component	45%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
No Water Meter, Extent : Light, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Two Services / One Is Metered								
Water Heater								
Gas Fired	100%			2022	$14,800	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 225 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2034	* *	4	$1,600	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Four Units - One Out Of Service And Three Working Poorly								
Backflow Preventer								
No Component	95%							
Generic	5%			2032	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Boiler Feed								
Explanation : Serves Boiler Feed Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX

Asset # : 142

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$900	
Chemical System								
No Component	90%							
Generic	10%			2022	$2,600	1-3	$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 53 - BX MINISCHOOL - EAST**		
Address	: **E. 168 STREET & TELLER AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X874**
Program / Asset #	: **BOE0195.020 / 2877**	**Yr Built/Renovated**	: **1970 / 1998**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2435** **Lot** : **75**	**BIN**	: **2002299**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$188,900	$35,300
Interior Architecture		$290,600
Electrical	$45,300	$180,900
Mechanical		$157,200
Total	**$234,200**	**$663,900**
Importance Code A	$188,900	$35,300
Importance Code B	$45,300	$628,700
Total	**$234,200**	**$663,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,500			
Interior Architecture	$16,500			$2,200
Electrical	$600	$11,900	$600	$500
Mechanical	$46,400	$15,100	$1,700	$2,300
Total	**$77,000**	**$27,000**	**$2,300**	**$5,000**
Importance Code A	$28,400	$600	$600	$600
Importance Code B	$48,600	$26,400	$1,700	$4,400
Importance Code C				
Total	**$77,000**	**$27,000**	**$2,300**	**$5,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX MINISCHOOL - EAST

Asset # : 2877

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$13,500	2033	* *	5	$35,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$120,400	2048	* *	5	$1,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Roof								
Metal Panel	100%			2040	* *	10	$68,500	
Interior								
Floors								
Ceramic Tile	5%	Now	$1,800	2032	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	95%	Now	$14,800	2023	$147,600	3	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	40%			LIFE	* *	5	$2,600	
Metal Panel	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2021	$143,000	5	$17,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Elecrical / Machanical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2023	$22,200	1		
Panelboards								
Fused Disc Sw	10%			2022	$3,000	5		
Molded Case Bkrs	90%			2022	$26,900	5	$300	
Wiring								
Thermoplastic	100%			2023	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 53 - BX MINISCHOOL - EAST
Asset # : 2877

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$135,600	10	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2018	$8,200	10	$1,500	
Exit, Service	50%			2018	$1,600	1		
Exterior Lighting								
HID	100%			2018	$45,300	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$5,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	100%	0-2	$14,900	2033	* *	1	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Duct Mounted Gas Fired Furaces								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Ductwork Is For Heating, Cooling And Ventilation								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	0-2	$31,400	2021	$157,200	2	$600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Temperature Control System								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : (2) Evaporators (Split A C Unit) On Extended Life								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX MINISCHOOL - EAST

Asset # : 2877

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Evap Condenser	100%			2018	$9,900	2	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : (2) Air Cooled Condensers On Extended Life								
Ventilation								
Exhaust Fans								
Roof	20%			2023	$1,900	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$2,800	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 53 - BX MINISCHOOL - WEST**		
Address	: **E 168 STREET & FINDLAY AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X851**
Program / Asset #	: **BOE0195.010 / 486**	**Yr Built/Renovated**	: **1970 / 1998**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2435** **Lot** : **75**	**BIN**	: **2002299**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$120,400	$103,800
Interior Architecture		$141,300
Electrical	$45,300	$180,900
Mechanical		$157,200
Total	**$165,700**	**$583,200**
Importance Code A	$120,400	$103,800
Importance Code B	$45,300	$479,400
Total	**$165,700**	**$583,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,500			
Interior Architecture	$3,000	$9,300		$2,100
Electrical	$600	$11,900	$600	$500
Mechanical	$33,900	$600	$5,700	$600
Total	**$51,100**	**$21,800**	**$6,300**	**$3,200**
Importance Code A	$14,100	$600	$600	$600
Importance Code B	$36,900	$21,200	$5,700	$2,500
Importance Code C				
Total	**$51,100**	**$21,800**	**$6,300**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX MINISCHOOL - WEST

Asset # : 486

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$13,500	2033	* *	5	$35,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Deformed/Dented, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$120,400	2048	* *	5	$1,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Roof								
Metal Panel	100%			2036	* *	10	$68,500	
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$800	
Ceramic Tile	5%	Now	$900	2032	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mosaic Tile	2%			2028	* *	5	$900	
Vinyl Tile	91%			2023	$141,300	3	$8,300	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : 9"x9" Tiles								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	$2,300	
Metal Panel	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2028	* *	5	$17,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2023	$22,200	1		
Panelboards								
Fused Disc Sw	10%			2022	$3,000	5		
Molded Case Bkrs	80%			2022	$23,900	5	$300	
Molded Case Bkrs	10%			2039	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX MINISCHOOL - WEST

Asset # : 486

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	90%			2023	$21,900	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$135,600	10	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2018	$8,200	10	$1,500	
Exit, Service	50%			2018	$1,600	1		
Exterior Lighting								
HID	100%			2018	$45,300	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$5,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2023	$14,900	1	$6,000	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room, Cracked Heat Exchanger								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Duct Mounted, Gas Fired Furnaces								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 53 - BX MINISCHOOL - WEST

Asset # : 486

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	100%	Now	$31,400	2021	$157,200	2	$600	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Fan Room Ductwork Of Unit #2								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Temperature Control System								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$15,900	
Ventilation								
Exhaust Fans								
Roof	20%			2023	$1,900	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%	0-2	$1,900	2023	$1,900	4	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Water Heater Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Heater Room								
Explanation : 1 - 52 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 54 - BX**				
Address	: **2747 WEBSTER AVE. @E. 197 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X054**	
Program / Asset #	: **BOE1008.000 / 4515**		**Yr Built/Renovated**	: **1999 /**	
Area Sq Ft	: **80,484**		**Project Type**	: **EDUCATION**	
Date of Survey	: **15-Oct-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **3278**	**Lot** : **33**	**BIN**	: **2016383**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,600	$88,200
Interior Architecture	$35,400	$103,500
Electrical	$72,300	
Total	**$146,400**	**$191,700**
Importance Code A	$38,600	$88,200
Importance Code B	$107,700	$35,400
Importance Code C		$68,200
Total	**$146,400**	**$191,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,600		$3,400	$14,000
Interior Architecture	$32,200	$6,100		$12,300
Electrical	$10,600	$7,100	$20,900	$9,900
Mechanical	$72,100	$26,700	$55,000	$32,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$121,400**	**$44,800**	**$84,300**	**$73,400**
Importance Code A	$17,300	$7,000	$10,600	$21,000
Importance Code B	$104,200	$33,600	$73,700	$52,500
Importance Code C		$4,300		
Total	**$121,400**	**$44,800**	**$84,300**	**$73,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	$88,200	
Metal Panel	2%			2044	* *	5-10	$12,500	
Pre-Cast Concrete	1%			LIFE	* *	5	$3,000	
Windows								
Aluminum	100%			2040	* *	5	$28,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,700	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$38,600	
Cast in Place Concrete	8%			LIFE	* *			
Metal Panel	2%			2037	* *	10	$1,600	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,200	
Ceramic Tile	3%			2033	* *	5	$3,600	
Quarry Tile	5%			2037	* *	5	$9,000	
Terrazzo	2%			LIFE	* *	5	$1,900	
Vinyl Tile	82%			2029	* *	3	$49,400	
Wood	3%			2052	* *	5	$6,800	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$8,500	
Concrete Masonry Unit	28%			LIFE	* *	5	$31,800	
Glass: Single Pane	2%			LIFE	* *	5	$4,300	
Gypsum Board	40%			LIFE	* *	5	$68,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$22,700	
Ceilings								
AcousTileConcealSpLn	25%	Now	$11,900	2037	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
AcousTileSusp.Lay-In	60%			2037	* *	5	$70,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	8%			LIFE	* *	5	$11,800	
Wood	2%			LIFE	* *	5	$20,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Disconnect Switches Rated At 1200 & 1600 Amps								
Transformers								
Dry Type	100%			2037	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 480/277 High Voltage; 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$300	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$1,900	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
Motor Control Center	80%			2037	* *	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$24,800	
Generators								
Diesel	100%			2033	* *	1	$31,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Caterpillar Genset, No Rating Available								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$17,900	
Fuel Storage								
Day Tank	20%			2040	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Explanation : 150 Gal								
Main Tank	80%			2052	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Explanation : 500 Gal								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$72,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Exit, Service	50%			2024	$10,900	1		
Exit, Battery	50%			2029	* *	10	$2,700	
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Copper								
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$6,000	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2029	* *	1-3	$10,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Heat Exchanger	25%			2033	* *	1	$10,000	
Steam Boiler	75%	Now	$14,700	2037	* *	1	$53,800	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Control System								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	75%			2040	* *	4	$3,000	
Steam Piping/Pump	25%			2044	* *	4	$1,000	
Terminal Devices								
Air Handler	25%			2029	* *	1	$12,400	
Fan Coil Unit/Heat	75%			2029	* *	1	$19,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$27,300	2029	* *	1	$33,600	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Control System, B M S Malfunctioning								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$49,800	
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$56,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,900	
Exhaust Fans								
Interior	20%			2029	* *	2	$500	
Roof	80%			2029	* *	2	$2,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,700	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - BX

Asset # : 4515

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$42,100	
Sprinkler								
Generic	100%			2044	* *	1-2	$22,500	
Fire Pump								
Generic	100%			2033	* *	1	$15,000	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Kitchen Hood							
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 54 - SI**				
Address	: **1060 WILLOWBROOK ROAD @SUNSET AVE.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R054**	
Program / Asset #	: **BOE0939.000 / 1415**		**Yr Built/Renovated**	: **1970 / 2013**	
Area Sq Ft	: **74,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **20-Mar-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **1987**	**Lot** : **104**	**BIN**	: **5034476**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$128,500
Interior Architecture	$1,552,600	$544,500
Electrical	$1,544,500	$605,700
Mechanical	$101,900	$161,100
Total	**$3,198,900**	**$1,439,800**
Importance Code A		$165,500
Importance Code B	$2,737,700	$1,274,300
Importance Code C	$461,200	
Total	**$3,198,900**	**$1,439,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,900			$6,700
Interior Architecture	$51,900	$2,900		$13,200
Electrical	$800	$1,100	$1,700	$18,900
Mechanical	$22,200	$10,900	$28,000	$33,600
Total	**$102,800**	**$14,900**	**$29,600**	**$72,500**
Importance Code A	$35,400	$7,600	$7,600	$14,500
Importance Code B	$42,200	$7,300	$22,100	$58,000
Importance Code C	$25,200			
Total	**$102,800**	**$14,900**	**$29,600**	**$72,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$15,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$56,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$2,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	95%			2050	* *	5	$13,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	5%	2-4	$21,200	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	55%			LIFE	* *	5	$5,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	25%			LIFE	* *	5	$3,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	20%			2042	* *	5-10	$16,000	
Roof								
Metal Panel	5%			2045	* *	10	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Single Ply Membrane	95%			2035	* *	10	$71,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,000	
Ceramic Tile	5%			2028	* *	5	$5,700	
Quarry Tile	5%	2-4	$164,300	2045	* *	5	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	7%	0-2	$74,400	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 75%								
Location : Stair Treads Throughout								
Vinyl Tile	45%	Now	$21,900	2025	$437,400	3	$19,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 2nd And 3rd Floors								
Explanation : 9 X 9 Tile								
Vinyl Tile	25%	Now	$4,900	2020	$243,000	3	$10,700	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout 1st Floor								
Explanation : 12 X 12 Tile								
Wood	3%			2040	* *	5	$6,400	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%	Now	$14,000	2028	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : Bathrooms								
Concrete Masonry Unit	10%	Now	$11,200	LIFE	* *	5	$4,000	
Vertical Cracks, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Store Room								
Folding Partition	5%	2-4	$402,500	2050	* *	5	$6,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Plaster	40%			LIFE	* *	5	$12,100	
SGFT/Glazed Masonry	30%	0-2	$58,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
Metal Panel	75%	Now	$572,200	LIFE	* *	5	$107,100	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Plaster	25%	Now	$37,500	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 90%								
Location : Stairs And Cellar								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Fused Disc Sw	5%			2024	$6,700	5	$100	
Molded Case Bkrs	80%			2024	$107,600	5	$1,600	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	30%	2-4	$52,200	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	60%			2025	$104,300	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	88%			2020	$746,600	10	$61,600	
Other Observation, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	2%			2025	$17,000	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent								
Incandescent	10%			2020	$84,800	2	$200	
Egress Lighting								
Emergency, Battery	50%			2020	$51,500	10	$9,200	
Exit, Service	10%			2030	* *	1		
Exit, Service	40%			2020	$8,200	1		
Exterior Lighting								
HID	100%			2020	$279,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$268,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	99%			2035	* *	5	$23,400	
No. 6 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : Outside, (2) 7500 Gallon Tanks; System With Oil Pumps / Heaters								
Natural Gas	1%			2035	* *	1		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement Mechanical Room; Kitchen Equipment								
Explanation : Gas Service For Kitchen Equipment And Boiler Ignition								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$75,600	
Distribution								
Steam Piping/Pump	100%	0-2	$53,300	2035	* *	4	$3,800	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room; Condensate Return Vacuum Pump Leaking								
Terminal Devices								
Air Handler	20%			2025	$82,400	1	$9,500	
Convector/Radiator	80%			2030	* *	1	$19,700	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	8%			2023	$78,700	2	$400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : (4) Outside Of Auditorium; (1) Roof								
Explanation : (4) Split Dx Units For Auditorium; (1) Split Dx For Computer Room								
Window/Wall Unit	7%			2020	$11,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$42,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Exhaust System Serves Classrooms, Toilet Rooms, Kitchen, And Other Areas								
Exhaust Fans								
Interior	20%			2025	$16,900	2	$500	
Roof	80%			2020	$48,600	2	$1,900	
Plumbing								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 54 - SI

Asset # : 1415

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$11,400	2030	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Valves, Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 55 - BX**			
Address	:	**450 SAINT PAUL'S PLACE @WASHINGTON AVE.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X055**
Program / Asset #	:	**BOE0196.000 / 487**	**Yr Built/Renovated**	:	**1916 / 2013**
Area Sq Ft	:	**123,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Dec-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**2902** **Lot** : **1**	**BIN**	:	**2009463**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$432,200	$623,800
Interior Architecture	$483,000	$1,009,600
Electrical	$154,300	$452,600
Mechanical	$333,300	$1,075,900
Total	**$1,402,800**	**$3,161,900**
Importance Code A	$432,200	$623,800
Importance Code B	$970,700	$2,481,600
Importance Code C		$56,600
Total	**$1,402,800**	**$3,161,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,400			$13,600
Interior Architecture	$5,900	$16,600	$8,900	$7,100
Electrical	$1,800	$2,200	$33,700	$1,400
Mechanical	$40,500	$18,300	$33,300	$18,300
Total	**$65,600**	**$37,100**	**$75,900**	**$40,400**
Importance Code A	$29,900	$12,500	$12,500	$26,100
Importance Code B	$29,800	$24,600	$63,400	$14,300
Importance Code C	$5,900			
Total	**$65,600**	**$37,100**	**$75,900**	**$40,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$91,800	
Masonry: Brick	85%			LIFE	* *	5	$199,800	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$8,800	
Stucco Cement	5%			2037	* *	5	$29,400	
Windows								
Wood	100%	Now	$372,900	2032	* *	5	$332,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$9,300	
Masonry: Brick	90%			LIFE	* *	5	$15,500	
Masonry: Limestone	3%			LIFE	* *	5	$700	
Roof								
Built-Up (BUR)	90%			2029	* *	10	$59,200	
Built-Up (BUR)	5%			2034	* *	10	$3,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Principals Office								
Roll Roofing	5%	Now	$2,700	2020	$13,600	5	$2,700	
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Over Stairs H/d								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs H/d								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$41,400	
Ceramic Tile	5%			2033	* *	5	$9,500	
Vinyl Tile	30%	Now	$483,000	2034	* *	3	$21,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rooms 211, 311, 411 And 510 Corridors, Stair Landings								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9 inch X 9 inch Tiles								
Vinyl Tile	50%			2024	$805,100	3	$35,500	
Wood	5%			2039	* *	5	$17,800	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$11,800	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$56,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$3,000	
Plaster	90%			LIFE	* *	5	$106,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair H/d								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Under Construction	100%							
Switchgear / Switchboard								
Under Construction	100%							
Raceway								
Conduit	80%			2024	$166,900	1		
Under Construction	20%							
Panelboards								
Molded Case Bkrs	50%			2023	$112,100	5	$1,600	
Under Construction	50%							
Wiring								
Thermoplastic	50%			2034	* *	1		
Under Construction	50%							
Motor Controllers								
Locally Mounted	50%			2022	$57,600	5	$400	
Locally Mounted	50%			2037	* *	5	$400	
Ground								
Grounding Devices								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$116,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	25%			2019	$42,700	10	$7,600	
Emergency, Battery	25%			2029	* *	10	$7,600	
Exit, Service	50%			2019	$17,100	1		
Exterior Lighting								
HID	100%			2032	* *	10	$400	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$111,600	1	$13,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$125,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$17,700	2034	* *	4	$6,200	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Condensate Piping Behind The Boilers								
Terminal Devices								
Air Handler	20%			2019	$136,400	1	$15,700	
Convector/Radiator	80%			2022	$956,000	1	$32,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$78,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,500	
Exhaust Fans								
Interior	85%			2019	$118,900	2	$3,300	
Roof	10%			2032	* *	2	$400	
Roof	5%			2019	$5,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$75,600	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 55 - BX

Asset # : 487

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$29,400	2	$1,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Area								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	50%							
Generic	50%			2029	* *	1	$3,800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$44,300	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 56 - BX MINISCHOOL**
Address : **341 EAST 207 STREET BTWN: DECATUR AVE - HULL AVE**
Borough : **BRONX**
Agency's Number : **X865**
Program / Asset # : **BOE0197.010 / 488**
Yr Built/Renovated : **1989 /**
Area Sq Ft : **5,000**
Project Type : **EDUCATION**
Date of Survey : **03-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3351** **Lot** : **1** **BIN** : **2018457**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$175,600	$39,200
Mechanical		$65,500
Total	**$175,600**	**$104,700**
Importance Code A	$175,600	$39,200
Importance Code B		$65,500
Total	**$175,600**	**$104,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$14,700	$600	
Interior Architecture	$4,800		$1,000	
Electrical	$100	$4,800	$200	$100
Mechanical	$500	$1,200	$2,600	
Total	**$5,400**	**$20,700**	**$4,300**	**$100**
Importance Code A	$500	$14,700	$1,100	
Importance Code B	$4,900	$6,000	$3,300	$100
Importance Code C				
Total	**$5,400**	**$20,700**	**$4,300**	**$100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BX MINISCHOOL

Asset # : 488

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2033	* *	5-10	$53,900	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$1,200	
Roof								
Metal Panel	100%	Now	$175,600	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Drains Clogged, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Classrooms								
Interior								
Floors								
Vinyl Tile	100%			2028	* *	3	$2,900	
Interior Walls								
Gypsum Board	100%			LIFE	* *	5	$4,000	
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$4,800	2036	* *	5	$2,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Classrooms								
Metal Panel	20%			LIFE	* *	5	$1,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5		
Molded Case Bkrs	90%			2039	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BX MINISCHOOL

Asset # : 488

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2036	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$4,700	
Egress Lighting								
Emergency, Service	50%			2023	$1,300	1		
Exit, Service	50%			2023	$700	1		
Exterior Lighting								
HID	100%			2028	* *	10		
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Radiant Heater	100%			2023	$22,400	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Electric Heater Ceiling Duct Mounted								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2021	$65,500	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C, Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$6,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BX MINISCHOOL

Asset # : 488

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	5%			2023	$200	2		
No Component	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Mechanical Room								
Explanation : Ventilation Is Carried Out Through A C Unit								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Gas Fired	100%			2018	$1,200	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 56 - BX NORWOOD HEIGHTS**
Address : **341 EAST 207 STREET BTWN: DECATUR AVE - HULL AVE**
Borough : **BRONX** | **Agency's Number** : **X056**
Program / Asset # : **BOE0197.000 / 2694** | **Yr Built/Renovated** : **1915 / 2008**
Area Sq Ft : **30,000** | **Project Type** : **EDUCATION**
Date of Survey : **03-Nov-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3351** **Lot** : **1** | **BIN** : **2018457**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$41,700
Interior Architecture		$457,900
Electrical		$113,300
Mechanical	$63,400	$92,200
Total	**$63,400**	**$705,000**
Importance Code A		$41,700
Importance Code B	$63,400	$584,000
Importance Code C		$79,400
Total	**$63,400**	**$705,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$7,300	
Interior Architecture	$12,300			$4,900
Electrical	$500	$500	$800	$1,000
Mechanical	$5,100	$21,000	$6,700	$5,200
Total	**$17,900**	**$21,600**	**$14,700**	**$11,100**
Importance Code A	$3,100	$3,100	$10,400	$3,100
Importance Code B	$14,800	$18,500	$4,300	$8,000
Importance Code C				
Total	**$17,900**	**$21,600**	**$14,700**	**$11,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$19,100	
Masonry: Brick	85%			LIFE	* *	5	$41,700	
Masonry: Limestone	10%			LIFE	* *	5	$3,700	
Windows								
Aluminum	100%			2039	* *	5	$14,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,900	
Masonry: Brick	90%			LIFE	* *	5	$5,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : At Main Roof								
Roof								
Built-Up (BUR)	100%			2031	* *	10	$24,100	
Recent Replace Evident, Extent : Light, Area Affected : 90%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$10,100	
Ceramic Tile	5%			2026	$44,800	5	$2,300	
Vinyl Tile	85%			2023	$333,800	3	$19,600	
Interior Walls								
Ceramic Tile	5%			2026	$79,400	5	$2,900	
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 3%								
Location : Aid Room In Basement								
Plaster	85%			LIFE	* *	5	$14,700	
Ceilings								
Exposed Concrete	10%	Now	$7,400	LIFE	* *	5	$700	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Basement Electrical Room								
Plaster	90%			LIFE	* *	5	$26,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$2,400	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Service Room								
Explanation : 1600 Amp Service Switch Installed In April 2008								
Fused Disc Sw	50%			2049	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Diisconnect Switch For Emergency								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2049	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Service Room								
Explanation : Recently Installed Equipment								
Fused Disc Sw	20%			2043	* *	5		
Raceway								
Conduit	80%			2049	* *	1		
Conduit	20%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$100	
Molded Case Bkrs	70%			2045	* *	5	$600	
Molded Case Bkrs	20%			2031	* *	5	$200	
Wiring								
Thermoplastic	80%			2049	* *	1		
Thermoplastic	20%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2040	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Equipment Installed In 2008 Renovation								
Motor Control Center	20%			2040	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$28,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Bldg								
Explanation : Egress Lighting Fixtures Installed In 2004								
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$113,300	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$5,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 56 - BX NORWOOD HEIGHTS

Asset # : 2694

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 4000 Gal								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$30,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 2 Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$2,300	
Terminal Devices								
Air Handler	10%			2018	$16,600	1	$1,900	
Convector/Radiator	90%			2028	* *	1	$9,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2018	$63,400	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,200	
Exhaust Fans								
Interior	20%			2028	* *	2	$200	
Roof	80%			2028	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2023	$92,200	1		
Water Heater								
Gas Fired	100%			2021	$7,200	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 115 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 56 - BX NORWOOD HEIGHTS
Asset # : 2694

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 57 - BX**
Address : **2111 CROTONA AVENUE BTWN: EAST 180 ST., EAST 181 S**
Borough : **BRONX** | **Agency's Number** : **X057**
Program / Asset # : **BOE0198.000 / 476** | **Yr Built/Renovated** : **1921 / 2014**
Area Sq Ft : **76,000** | **Project Type** : **EDUCATION**
Date of Survey : **07-May-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **3081** **Lot** : **26** | **BIN** : **2012359**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$722,800	$382,400
Interior Architecture	$606,900	$576,800
Electrical	$147,800	$479,200
Mechanical		$812,800
Total	**$1,477,500**	**$2,251,300**
Importance Code A	$722,800	$419,400
Importance Code B	$456,600	$1,794,700
Importance Code C	$298,100	$37,100
Total	**$1,477,500**	**$2,251,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,700	$9,100		
Interior Architecture	$71,000	$12,700		$9,900
Electrical	$10,400	$1,100	$1,700	$18,600
Mechanical	$20,900	$26,800	$17,500	$16,800
Total	**$120,000**	**$49,700**	**$19,300**	**$45,300**
Importance Code A	$25,400	$16,800	$7,700	$7,900
Importance Code B	$94,600	$30,700	$11,500	$37,400
Importance Code C		$2,200		
Total	**$120,000**	**$49,700**	**$19,300**	**$45,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$56,700	
Masonry: Brick	90%	Now	$394,400	LIFE	* *	5	$130,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	5%			2038	* *	5	$18,200	
Windows								
Glass Block	5%			LIFE	* *	5	$1,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	95%	Now	$328,400	2041	* *	5	$195,000	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 30%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,100	
Masonry: Brick	95%			LIFE	* *	5	$10,100	
Roof								
Built-Up (BUR)	95%	Now	$17,700	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fifth Floor								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Bulkheads, Classrooms								
Copper/Terne	5%			2053	* *	10	$5,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,800	
Ceramic Tile	3%			2028	* *	5	$3,500	
Mosaic Tile	2%			2030	* *	5	$5,900	
Marble Panels	4%	0-2	$17,000	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$8,800	
Terrazzo	3%	0-2	$16,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corridor Near Auditorium								
Vinyl Tile	30%			2033	* *	3	$13,200	
Vinyl Tile	48%	Now	$47,800	2025	$477,500	3	$21,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2028	* *	5	$4,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	85%	Now	$298,100	LIFE	* *	5	$37,100	
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : Throughout Stairways								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Classrooms								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$18,900	2038	* *	5	$2,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Exposed Concrete	10%	0-2	$18,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	Now	$261,100	LIFE	* *	5	$62,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Molded Case Bkrs	80%			2024	$107,600	5	$1,600	
Wiring								
Braided Cloth	85%	2-4	$147,800	2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Insulation Aged								
Thermoplastic	15%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2035	* *	10	$70,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2020	$17,400	2		
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$9,400	
Exit, Service	50%			2033	* *	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$8,500	
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	50%			2025	$96,300	5	$12,100	
Natural Gas	50%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$77,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2025	$545,800	4	$5,800	
Terminal Devices								
Air Handler	20%			2025	$84,300	1	$9,700	
Convector/Radiator	80%			2030	* *	1	$20,200	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 57 - BX

Asset # : 476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$16,100	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$43,600	
Exhaust Fans								
Interior	100%			2025	$86,400	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%			2023	$18,200	2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2035	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 58 - BX**		
Address	: **E. 176 ST. & WASHINGTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X058**
Program / Asset #	: **BOE0199.000 / 463**	**Yr Built/Renovated**	: **1890 / 2001**
Area Sq Ft	: **62,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2909** **Lot** : **32**	**BIN**	: **2009540**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$228,400
Interior Architecture	$660,600	$44,700
Electrical	$71,500	$534,000
Mechanical	$102,300	$38,100
Total	**$834,400**	**$845,300**
Importance Code A		$228,400
Importance Code B	$753,300	$616,900
Importance Code C	$81,100	
Total	**$834,400**	**$845,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,200	$7,000		$19,100
Interior Architecture	$61,000			$9,400
Electrical		$800		$500
Mechanical	$56,000	$10,100	$13,600	$32,200
Total	**$132,200**	**$17,900**	**$13,600**	**$61,300**
Importance Code A	$21,600	$13,300	$6,300	$25,600
Importance Code B	$100,800	$4,600	$7,300	$35,700
Importance Code C	$9,800			
Total	**$132,200**	**$17,900**	**$13,600**	**$61,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$89,300	
Masonry: Fieldstone	10%			LIFE	* *	5	$8,400	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Stone Face Eroded								
Masonry: Limestone	5%			LIFE	* *	5	$4,200	
Stucco Cement	5%			2038	* *	5	$14,000	
Windows								
Aluminum	100%			2041	* *	5	$32,100	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$1,300	LIFE	* *	5	$4,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	80%			2045	* *	5	$32,200	
Metal Panel	15%			2045	* *	5	$6,000	
Roof								
Cast in Place Concrete	20%			LIFE	* *			
Modified Bitumen	60%	Now	$13,900	2025	$139,100			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Brittle								
Roll Roofing	8%			2021	$13,100	5	$5,300	
Skylight, Plastic	12%			2038	* *	1		
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	3%			2026	$36,600	3	$5,700	
Cast in Place Concrete	8%	4+	$7,900	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$9,300	2028	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	2%	2-4	$8,900	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	Now	$4,100	2030	* *	3	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Auditorium, Corridors, Classrooms								
Vinyl Tile	42%	Now	$102,300	2020	$340,900	3	$15,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : 9x9 Tiles								
Wood	15%	Now	$23,600	2028	* *	5	$13,400	
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	3%	2-4	$9,800	2028	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	85%	Now	$81,100	LIFE	* *	5	$30,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	25%	4+	$38,400	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$94,000	LIFE	* *	5	$44,700	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Fourth Floor Classrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$300	
Raceway								
Conduit	100%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	90%			2033	* *	5	$1,500	
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$900	
Lighting								
Interior Lighting								
Fluorescent	96%			2030	* *	10	$56,200	
T-8 Lamps, Extent : Moderate, Area Affected : 93%								
Location : Throughout The Building								
Fluorescent	2%			2020	$14,200	10	$1,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 2%								
Location : Storage Room								
HID	2%			2030	* *	10		
Egress Lighting								
Emergency, Battery	50%			2025	$43,000	10	$7,700	
Exit, Service	50%			2025	$8,600	1		
Exterior Lighting								
HID	100%			2025	$234,200	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2025	$256,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$19,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$63,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,300	2045	* *	4	$3,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Terminal Devices								
Air Handler	15%	2-4	$51,600	2035	* *	1	$5,300	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Convector/Radiator	85%	Now	$25,600	2030	* *	1	$15,800	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Regulators, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$13,100	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,600	
Exhaust Fans								
Roof	100%			2020	$50,700	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$38,100	1		
Water Heater								
Gas Fired	100%			2024	$14,800	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Water Backs Up When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - BX

Asset # : 463

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$14,900	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 58 - SI**		
Address	: **77 MARSH AVENUE (NEAR RICHMOND HILL RD.)**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R058**
Program / Asset #	: **BOE1042.000 / 13596**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **131,605**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,P**		
Block	: **2450** **Lot** : **305**	**BIN**	: **5145698**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$107,100	$314,400
Interior Architecture	$126,500	$121,900
Electrical	$114,700	
Mechanical		$358,900
Total	**$348,300**	**$795,100**
Importance Code A	$107,100	$314,400
Importance Code B	$241,200	$480,800
Total	**$348,300**	**$795,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$2,900	$4,900		$27,700
Electrical	$10,600	$16,400	$10,600	$27,900
Mechanical	$61,600	$80,600	$96,700	$99,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$83,000**	**$109,800**	**$115,200**	**$162,600**
Importance Code A	$10,400	$10,400	$10,400	$10,700
Importance Code B	$69,700	$99,400	$104,800	$151,900
Importance Code C	$2,900			
Total	**$83,000**	**$109,800**	**$115,200**	**$162,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$149,300	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$16,500	
Metal Panel	10%			2051	* *	5-10	$120,700	
Windows								
Aluminum	100%	0-2	$58,800	2041	* *	5	$14,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$25,700	
Masonry: Brick	80%			LIFE	* *	5	$13,300	
Roof								
Built-Up (BUR)	80%			2033	* *	10	$77,300	
Copper/Terne	20%			2060	* *	10	$48,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$43,100	
Ceramic Tile	5%			2038	* *	5	$9,800	
Terrazzo	5%			LIFE	* *	5	$7,700	
Vinyl Tile	75%	2-4	$62,800	2033	* *	3	$55,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2060	* *	5	$18,500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	55%			LIFE	* *	5	$30,900	
Gypsum Board	10%	0-2	$2,900	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%	0-2	$63,700	2042	* *	5	$78,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	20%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	50%			2038	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : 1000 Kva @480hv-208/120lv								
Dry Type	50%			2038	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : 150 Kva And 9 Kva @ 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$600	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	$300	
Molded Case Bkrs	90%			2041	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	10%			2038	* *	5	$100	
Motor Control Center	90%			2038	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$40,500	
Generators								
Diesel	100%			2034	* *	1	$51,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Kw								
Batteries								
Nickel Cadmium	100%			2020	$1,500	5	$29,300	
Fuel Storage								
Main Tank	100%			2053	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$114,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	2%			2030	* *	10	$100	
Incandescent	3%			2030	* *	2	$100	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2030	* *	1		
Exit, LED	40%			2053	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2053	* *	5	$3,900	
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$14,800	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 6,000 Gallon Fuel Tank								
Conversion Equipment								
Heat Exchanger	40%			2034	* *	1	$26,000	
Steam Boiler	60%			2038	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$36,700	
Hot Wtr Piping/Pump	25%			2041	* *	4	$2,400	
Steam Piping/Pump	25%			2045	* *	4	$2,400	
Terminal Devices								
Air Handler	60%			2030	* *	1	$48,800	
Convector/Radiator	40%			2038	* *	1	$17,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	95%			2034	* *	1	$135,300	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Penthouse Mechanical Room								
Explanation : 2 Chillers Using Refrigerant 134a								
Ext Pkg Unit - Cooling	5%			2030	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Computer & Telephone Exchange Rooms								
Explanation : Dx Split System With Air Cooled Condenser On Roof								
Distribution								
Chilled Wtr Pipe/Pump	40%			2045	* *	4	$3,900	
Ductwork/Diffusers	60%			LIFE	* *	2	$102,700	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	* *	1	$81,400	
Heat Rejection								
Air Condenser Unit	5%			2030	* *	2	$4,600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Higher Roof								
Explanation : 2 Air Cooled Condensers Serving Computer And Telephone Exchange Rooms								
Water Cool Tower	95%			2026	$358,900	2	$125,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$73,400	
Exhaust Fans								
Roof	100%			2030	* *	2	$4,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$30,600	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	70%			2030	* *	4	$1,700	
Submersible	30%			2019	$2,000	4	$500	
Sewage Ejector(s)								
Compressed Air	100%			2045	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$8,100	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 58 - SI

Asset # : 13596

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : 2 Units								
Explanation : Left Serving 1st-4th Fl; Right Serving Basement - Penthouse								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : 1 Unit								
Explanation : 1st - 2nd Floor Serving Kitchen								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$66,400	
Sprinkler								
Generic	100%			2045	* *	1-2	$36,900	
Fire Pump								
Generic	100%			2034	* *	1	$24,600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 59 - BX**		
Address	: **2185 BATHGATE AVENUE @ E.182 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X059**
Program / Asset #	: **BOE0200.000 / 2600**	**Yr Built/Renovated**	: **1921 / 1998**
Area Sq Ft	: **69,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **3049** **Lot** : **37**	**BIN**	: **2011538**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$225,000	$122,600
Interior Architecture	$653,900	$55,100
Electrical	$546,500	$952,500
Mechanical	$150,300	$569,800
Total	**$1,575,700**	**$1,700,100**
Importance Code A	$225,000	$122,600
Importance Code B	$1,350,700	$1,577,500
Total	**$1,575,700**	**$1,700,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,600	$2,100		$27,700
Interior Architecture	$66,000	$10,400		$4,000
Electrical	$34,800	$900		$9,300
Mechanical	$28,400	$14,800	$18,900	$44,600
Total	**$138,700**	**$28,200**	**$18,900**	**$85,500**
Importance Code A	$16,500	$9,100	$7,000	$34,900
Importance Code B	$91,200	$19,100	$11,800	$50,700
Importance Code C	$31,000			
Total	**$138,700**	**$28,200**	**$18,900**	**$85,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	4+	$7,400	LIFE	* *	5	$13,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	93%	4+	$185,000	LIFE	* *	5	$122,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%	Now	$40,000	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Spandrels								
Vegetation Growth, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$37,300	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$11,200	
Masonry: Brick	30%			LIFE	* *	5	$2,900	
Masonry: Brick	53%			LIFE	* *	5	$5,100	
Metal Rail	2%			2038	* *	5-10	$3,500	
Roof								
Built-Up (BUR)	75%			2030	* *	10	$27,700	
Built-Up (BUR)	25%	Now	$2,100	2030	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 10%								
Location : Upper Roof								
Interior								
Floors								
Asphalt Poured	25%	Now	$36,300	2045	* *	5	$6,600	
Uneven Surface, Extent : Severe, Area Affected : 35%								
Location : Stairs, Corridors, Cafeteria								
Wrinkling, Extent : Severe, Area Affected : 30%								
Location : Stairs								
Cast in Place Concrete	10%			LIFE	* *	5	$23,200	
Ceramic Tile	5%	Now	$10,300	2028	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Mosaic Tile	5%			2038	* *	5	$13,300	
Terrazzo	5%	0-2	$24,700	LIFE	* *	5	$4,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Entry Vestibule, Near Auditorium								
Vinyl Tile	20%			2030	* *	3	$8,000	
Vinyl Tile 9" X 9"	30%	4+	$35,100	2020	$351,000	3	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	$18,300	2028	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$31,700	
Plaster	3%	Now	$12,700	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Bulkhead								
Loose/Delam Surface, Extent : Severe, Area Affected : 80%								
Location : Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Bulkhead								
Ceilings								
AcousTileSusp.Lay-In	2%			2038	* *	5	$2,100	
Exposed Concrete	15%			LIFE	* *	5	$2,500	
Plaster	83%	2-4	$231,500	LIFE	* *	5	$55,100	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$300	
Raceway								
Conduit	80%			2025	$99,100	1		
Conduit	20%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	90%			2033	* *	5	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	$34,800	2050	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$788,400	10	$65,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$8,600	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$260,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$285,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$6,900	2038	* *	1	$63,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : #2 Boiler Tubes								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$9,900	2045	* *	4	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump And Boiler Re - Feed Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - BX

Asset # : 2600

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	15%			2020	$57,400	1	$6,600	
Convector/Radiator	85%			2023	$569,800	1	$19,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2020	$36,500	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$39,600	
Exhaust Fans								
Roof	100%			2020	$56,400	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2024	$16,500	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 59 - M BEEKMAN HILL INTERNATIONAL**		
Address	: **213 EAST 63RD STREET BTWN: 2ND AVE - 3RD AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **LEASE-M267**
Program / Asset #	: **BOE1073.000 / 14419**	**Yr Built/Renovated**	: **1917 / 2008**
Area Sq Ft	: **55,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Nov-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,7**		
Block	: **1418** **Lot** : **7**	**BIN**	: **1087680**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$149,700
Interior Architecture	$66,400	$123,900
Electrical		$50,400
Total	**$66,400**	**$324,000**
Importance Code A		$149,700
Importance Code B	$66,400	$116,900
Importance Code C		$57,500
Total	**$66,400**	**$324,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$18,700		
Interior Architecture		$45,600		
Electrical	$5,400	$8,700	$5,900	$6,300
Mechanical	$14,100	$7,400	$24,900	$7,400
Elevators/Escalators	$20,700	$20,700	$20,700	$20,700
Total	**$40,100**	**$101,100**	**$51,500**	**$34,400**
Importance Code A	$1,600	$18,700	$100	
Importance Code B	$38,500	$68,700	$51,400	$34,400
Importance Code C		$13,700		
Total	**$40,100**	**$101,100**	**$51,500**	**$34,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$45,300	
Masonry: Brick	90%			LIFE	* *	5	$104,400	
Masonry: Limestone	5%			LIFE	* *	5	$4,300	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$10,700	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Metal Panel	20%			2053	* *	5	$11,800	
Roof								
Plaza Roof: Stone Panels	100%			2053	* *			
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Ceramic Tile	10%			2038	* *	5	$14,000	
Quarry Tile	5%			2043	* *	5	$10,500	
Vinyl Tile	75%			2033	* *	3	$39,300	
Wood	5%			2063	* *	5	$13,100	
Interior Walls								
Ceramic Tile	20%			2038	* *	5	$27,400	
Gypsum Board	70%			LIFE	* *	5	$57,500	
Masonry: Brick	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%			2043	* *	5	$132,800	
Exposed Struc: Steel	5%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$200	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$16,900	
Generators								
Diesel	100%			2036	* *	1	$21,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 143 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$2,000	
Fuel Storage								
Main Tank	100%			2058	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$50,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 & Compact								
Egress Lighting								
Exit, Service	50%			2031	* *	1		
Exit, Battery	50%			2031	* *	10	$1,900	
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$6,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$10,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steam From Con Edison								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2032	* *	5	$3,300	
Distribution								
Steam Piping/Pump	100%			2049	* *	4	$4,100	
Terminal Devices								
Air Handler	60%			2031	* *	1	$20,400	
Convector/Radiator	40%			2040	* *	1	$7,100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	80%			2027	* *	2	$2,700	
R-134a Refrigerant, Extent : Light, Area Affected : 85%								
Location : Mer In Each Floor								
Reciprocating Compr/Chiller	20%			2031	* *	1	$5,100	
Distribution								
Chilled Wtr Pipe/Pump	20%			2049	* *	4	$800	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2031	* *	1	$6,800	
No Component	80%							
Heat Rejection								
Air Condenser Unit	20%			2031	* *	2	$7,700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,700	
Exhaust Fans								
Roof	100%			2031	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
HW Heat Exchanger								
HTHW/HW	100%			2049	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 59 - M BEEKMAN HILL INTERNATIONAL

Asset # : 14419

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-6 (1) 6-8								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$27,700	
Sprinkler								
Generic	100%			2049	* *	1-2	$15,400	
Fire Pump								
Generic	100%			2032	* *	1	$10,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 6 - SI**
Address : **555 PAGE AVENUE BTWN ACADEMY AVE - BARTOW AVE**
Borough : **STATEN ISLAND** **Agency's Number** : **R006**
Program / Asset # : **BOE1009.000 / 13402** **Yr Built/Renovated** : **2000 /**
Area Sq Ft : **97,000** **Project Type** : **EDUCATION**
Date of Survey : **18-Apr-2013** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **7760** **Lot** : **1** **BIN** : **5131697**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$227,900	$168,800
Interior Architecture	$42,800	$42,800
Electrical	$89,000	
Total	**$359,700**	**$211,600**
Importance Code A	$227,900	$168,800
Importance Code B	$131,800	$42,800
Total	**$359,700**	**$211,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$24,600		$4,000	$10,900
Interior Architecture	$15,700	$2,000		$10,700
Electrical	$13,000	$13,300	$10,700	$12,000
Mechanical	$56,000	$32,400	$65,500	$39,000
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$121,100**	**$59,600**	**$92,100**	**$84,500**
Importance Code A	$34,000	$9,400	$13,600	$20,300
Importance Code B	$87,100	$49,800	$78,500	$64,200
Importance Code C		$400		
Total	**$121,100**	**$59,600**	**$92,100**	**$84,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glazed Ceramic Panel	2%			LIFE	* *	5	$6,700	
Masonry: Brick	60%			LIFE	* *	5	$43,100	
Metal Panel	35%			2044	* *	5-10	$172,800	
Window Wall	3%			2044	* *	5	$8,100	
Windows								
Aluminum	100%			2040	* *	5	$21,800	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$1,800	
Metal Rail	50%			2037	* *	5-10	$33,100	
Roof								
IRMA/Protected Membrane	90%			2029	* *	10	$180,700	
Metal Panel	10%	Now	$4,500	2037	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Gymnasium Roof Throughout								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$16,400	
Ceramic Tile	3%			2033	* *	5	$3,200	
Terrazzo	5%			LIFE	* *	5	$4,200	
Vinyl Tile	80%			2029	* *	3	$42,800	
Wood	5%			2052	* *	5	$10,000	
Interior Walls								
Cast in Place Concrete	12%			LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	3%			2033	* *	5	$800	
Concrete Masonry Unit	30%			LIFE	* *	5	$3,400	
Gypsum Board	15%			LIFE	* *	5	$2,500	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$85,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$20,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2037	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical & Mechanical Room								
Explanation : One 500 Kva, One 75 Kva & One 30 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	70%			2037	* *	5	$500	
Motor Control Center	30%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$29,800	
Generators								
Diesel	100%			2033	* *	1	$37,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 469 Kva								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,600	
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Basement								
Explanation : One 275 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$89,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$10,900	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$24,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Heat Exchanger	5%			2033	* *	1	$2,400	
Steam Boiler	95%			2037	* *	1	$91,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2040	* *	4	$1,900	
Steam Piping/Pump	60%			2044	* *	4	$2,900	
Terminal Devices								
Air Handler	40%	Now	$10,500	2029	* *	1	$21,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Control System								
Convector/Radiator	40%			2037	* *	1	$12,500	
Fan Coil Unit/Heat	20%			2029	* *	1	$6,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$45,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units On Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler/Cool/Ht	80%			2029	* *	1	$48,000	
Fan Coil - Cool/Heat	20%			2029	* *	1	$6,300	
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$67,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,100	
Exhaust Fans								
Roof	100%			2029	* *	2	$3,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$22,600	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit 1st : 2nd , Two Units 1st : 4th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$50,700	
Sprinkler								
Generic	100%			2044	* *	1-2	$27,200	
Fire Pump								
Generic	100%			2033	* *	1	$18,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 6 - SI

Asset # : 13402

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
Dry System, Extent : Light, Area Affected : 100%								
Location : Stand Pipe								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	80%							
Generic	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 60 - BX**
Address : **888 REVEREND JAMES A. POLITE AVE BTWN: DAWSON ST., EAST 162 ST.**
Borough : **BRONX**
Agency's Number : **X060**
Program / Asset # : **BOE0201.000 / 464**
Yr Built/Renovated : **1922 / 2014**
Area Sq Ft : **113,000**
Project Type : **EDUCATION**
Date of Survey : **04-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2696** **Lot** : **85**
BIN : **2005348**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$60,500	$278,700
Interior Architecture	$792,800	$287,900
Electrical	$745,900	$1,150,100
Mechanical	$40,600	$849,400
Total	**$1,639,800**	**$2,566,100**
Importance Code A	$60,500	$320,700
Importance Code B	$1,267,800	$2,209,600
Importance Code C	$311,600	$35,700
Total	**$1,639,800**	**$2,566,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$15,300
Interior Architecture	$58,000		$5,400	$12,000
Electrical	$1,100	$1,400	$2,100	$12,500
Mechanical	$59,200	$27,900	$26,900	$34,000
Total	**$118,300**	**$29,400**	**$34,400**	**$73,700**
Importance Code A	$11,500	$11,500	$11,500	$27,000
Importance Code B	$106,800	$17,800	$17,500	$46,700
Importance Code C			$5,400	
Total	**$118,300**	**$29,400**	**$34,400**	**$73,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$84,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$194,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$8,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$61,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$6,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	50%			2055	* *	5	$30,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2030	* *	10	$60,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$38,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	5%	0-2	$33,700	2034	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terrazzo	1%	2-4	$4,000	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	4%	0-2	$8,600	2025	$86,300	5	$4,300	
Wrinkling, Extent : Moderate, Area Affected : 25%								
Location : Stair Landings								
Vinyl Tile	35%			2035	* *	3	$30,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	20%	Now	$295,800	2035	* *	3	$13,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	25%	4+	$143,500	2040	* *	5	$40,800	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Cast Stone/Terra Cotta	5%	Now	$36,600	LIFE	* *			
Spalling, Extent : Light, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 25%								
Location : Basement								
Ceramic Tile	5%			2034	* *	5	$10,800	
Masonry: Brick	10%	2-4	$168,900	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	2-4	$43,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%			LIFE	* *	5	$35,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
SGFT/Glazed Masonry	15%	0-2	$62,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%	2-4	$4,000	2030	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	15%	0-2	$42,000	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%			LIFE	* *	5	$87,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps And One 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2035	* *	1		
Panelboards								
Molded Case Bkrs	20%			2033	* *	5	$600	
Molded Case Bkrs	70%			2024	$125,600	5	$2,100	
Molded Case Bkrs	10%			2041	* *	5	$300	
Wiring								
Braided Cloth	80%	2-4	$238,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	20%			2023	$23,000	5	$200	
Locally Mounted	80%			2030	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2033	* *	10	$95,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2020	$129,100	10	$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Egress Lighting								
Exit, Service	50%			2025	$15,700	1		
Exit, Battery	50%			2025	$53,500	10	$3,900	
Exterior Lighting								
HID	100%			2025	$426,800	10	$300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2020	$85,500	1	$10,600	
Fire/Smoke Detection								
No Component	75%							
Generic, Analog	25%			2020	$292,600			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$36,000	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$115,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$40,600	2035	* *	4	$5,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
Terminal Devices								
Air Handler	30%			2030	* *	1	$21,600	
Convector/Radiator	60%	Now	$32,900	2023	$658,700	1	$20,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Thermostats, Throughout								
Unit Heater-Stm/HW	10%			2025	$75,100	4	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 60 - BX

Asset # : 464

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2018	$11,900	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,800	
Exhaust Fans								
Interior	90%	Now	$11,600	2025	$115,600	2	$2,600	
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : Penthouse								
Roof	10%			2025	$9,200	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$27,000	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2035	* *	4	$1,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Obsolete Trim And Faucets, Repair Parts Difficult To Obtain								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$1,000	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 61 - BX**		
Address	: **1550 CROTONA PARK EAST @CHARLOTTE ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X061**
Program / Asset #	: **BOE0202.000 / 703**	**Yr Built/Renovated**	: **1922 / 2003**
Area Sq Ft	: **77,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2939** **Lot** : **45**	**BIN**	: **2009865**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$189,900
Interior Architecture	$655,200	$59,300
Electrical	$139,100	$1,588,200
Mechanical		$173,000
Total	**$794,300**	**$2,010,400**
Importance Code A		$226,900
Importance Code B	$794,300	$1,783,500
Total	**$794,300**	**$2,010,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,700		$28,800	$19,800
Interior Architecture	$10,700	$3,700	$47,800	
Electrical	$14,600	$1,500	$10,800	$1,100
Mechanical	$83,200	$15,000	$71,400	$13,100
Total	**$136,200**	**$20,300**	**$158,800**	**$34,000**
Importance Code A	$35,500	$7,800	$36,900	$27,600
Importance Code B	$100,700	$8,700	$122,000	$6,400
Importance Code C		$3,700		
Total	**$136,200**	**$20,300**	**$158,800**	**$34,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$57,500	
Masonry: Brick	90%			LIFE	* *	5	$132,400	
Stucco Cement	5%			2037	* *	5	$18,400	
Windows								
Aluminum	95%			2040	* *	5	$39,500	
Glass Block	5%			LIFE	* *	5	$1,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,200	
Masonry: Brick	95%			LIFE	* *	5	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior Face								
Explanation : Stucco On Brick								
Roof								
Built-Up (BUR)	70%			2029	* *	10	$28,800	
Copper/Terne	5%			2052	* *	10	$5,200	
Paver: Asphalt	25%	Now	$18,500	2033	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Interior								
Floors								
Ceramic Tile	5%			2027	* *	5	$5,900	
Sheet Vinyl/Rubber	5%			2029	* *	5	$8,900	
Vinyl Tile	65%			2019	$655,200	3	$28,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Wood	25%			2039	* *	5	$55,600	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2033	* *	5	$7,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$31,000	
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$11,900	
Exposed Concrete	10%			LIFE	* *	5	$1,900	
Plaster	75%			LIFE	* *	5	$55,600	
Plaster	5%	Now	$7,800	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Ratings								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$73,300	5	$200	
Fused Disc Sw	50%			2044	* *	5	$200	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Knife Sw	10%	2-4	$13,500	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	20%			2040	* *	5	$400	
Molded Case Bkrs	65%			2023	$87,400	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	40%			2037	* *	5	$200	
Locally Mounted	60%			2022	$45,300	5	$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$853,400	10	$70,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2024	$17,600	10	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2024	$6,300	10		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$9,600	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$290,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,900	
Terminal Devices								
Air Handler	20%	Now	$8,500	2024	$85,400	1	$8,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor - No Access At Time Of Survey								
Convector/Radiator	80%	Now	$29,900	2029	* *	1	$18,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2019	$32,600	1		
No Component	80%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 61 - BX

Asset # : 703

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$34,200	LIFE	* *	2-5	$44,200	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : 3rd And 4th Floor - No Access At Time Of Survey								
Exhaust Fans								
Interior	100%			2024	$87,600	2	$2,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2024	$7,500	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 62 - BX**		
Address	: **660 FOX STREET @LEGGETT AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X062**
Program / Asset #	: **BOE0203.000 / 465**	**Yr Built/Renovated**	: **1922 / 2008**
Area Sq Ft	: **79,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2683** **Lot** : **65**	**BIN**	: **2005089**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$899,700	$179,800
Interior Architecture	$836,400	$524,500
Electrical	$1,344,600	$491,500
Mechanical	$504,200	$325,900
Total	**$3,584,900**	**$1,521,600**
Importance Code A	$1,295,300	$216,800
Importance Code B	$1,919,500	$1,266,200
Importance Code C	$370,200	$38,600
Total	**$3,584,900**	**$1,521,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,900		$2,100	
Interior Architecture	$82,200			$6,100
Electrical	$23,900	$2,500	$28,000	$2,200
Mechanical	$48,900	$12,900	$36,600	$17,700
Total	**$180,800**	**$15,400**	**$66,700**	**$26,000**
Importance Code A	$25,900	$8,000	$10,300	$8,000
Importance Code B	$154,900	$7,300	$56,400	$17,900
Total	**$180,800**	**$15,400**	**$66,700**	**$26,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,000	
Masonry: Brick	80%	Now	$728,900	LIFE	* *	5	$120,800	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Shed At Rear Entrance								
Masonry: Limestone	5%	Now	$41,200	LIFE	* *	5	$5,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Above Entrance								
Stucco Cement	10%			2037	* *	5	$37,700	
Windows								
Aluminum	100%	Now	$89,400	2040	* *	5	$21,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$7,000	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$9,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2029	* *	10	$40,200	
Modified Bitumen	5%			2029	* *	10	$2,100	
Interior								
Floors								
Asphalt Poured	15%	2-4	$25,000	2044	* *	5	$4,600	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Fifth Floor Corridor And Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Fifth Floor Corridor And Stairs								
Cast in Place Concrete	10%	0-2	$12,700	LIFE	* *	5	$26,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$11,800	2033	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$9,100	
Terrazzo	5%	0-2	$28,300	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	0-2	$82,700	2024	$413,700	3	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	20%	0-2	$80,200	2039	* *	5	$22,800	
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	0-2	$60,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	85%	0-2	$309,800	LIFE	* *	5	$38,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Ceilings								
Exposed Concrete	5%			LIFE	* *	5	$1,000	
Plaster	95%	0-2	$303,300	LIFE	* *	5	$72,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Fused Knife Sw	2%	2-4	$2,700	2049	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Fan Blower Room - Basement								
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	78%			2023	$104,900	5	$1,600	
Wiring								
Braided Cloth	70%	0-2	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$34,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	75%			2022	$56,700	5	$400	
Locally Mounted	25%	2-4	$18,900	2044	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								
Interior Lighting								
Fluorescent	90%			2019	$812,400	10	$67,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2032	* *	10	$3,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
Incandescent	5%			2019	$45,100	2	$100	
Egress Lighting								
Emergency, Service	40%			2019	$16,000	1		
Emergency, Battery	10%			2032	* *	10	$2,000	
Exit, Service	45%			2019	$9,900	1		
Exit, Service	5%			2032	* *	1		
Exterior Lighting								
HID	100%			2019	$298,400	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$17,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$25,200	
Conversion Equipment								
Steam Boiler	100%	Now	$395,600	2044	* *	1	$72,400	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Distribution								
Steam Piping/Pump	100%	Now	$11,300	2034	* *	4	$4,000	
Damaged, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Condensate Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2024	$175,300	1	$20,100	
Convector/Radiator	55%	Now	$21,100	2029	* *	1	$13,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Thermostats								
Fan Coil Unit/Heat	5%	Now	$3,000	2024	$60,800	1	$1,200	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	65%			2019	$108,600	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,300	
Exhaust Fans								
Interior	100%	Now	$4,500	2024	$89,800	2	$2,000	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2034	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2024	$25,200	4	$8,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Backs Up With Heavy Rain								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 62 - BX

Asset # : 465

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2019	$2,800	1-3	$5,700	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Explanation : Pyro Chemical Model En-mcu3								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 63 - BX**
Address : **1260 FRANKLIN AVENUE @ E.169 ST.**
Borough : **BRONX** | **Agency's Number** : **X063**
Program / Asset # : **BOE0204.000 / 466** | **Yr Built/Renovated** : **1924 / 2000**
Area Sq Ft : **77,000** | **Project Type** : **EDUCATION**
Date of Survey : **02-Oct-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2615** **Lot** : **14** | **BIN** : **2004302**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,043,500	$225,300
Interior Architecture	$446,000	$714,000
Electrical	$1,238,400	$599,600
Mechanical	$164,200	$1,031,400
Total	**$2,892,200**	**$2,570,400**
Importance Code A	$1,043,500	$647,900
Importance Code B	$1,745,400	$1,922,500
Importance Code C	$103,200	
Total	**$2,892,200**	**$2,570,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture			$6,700	$16,300
Electrical		$300	$700	$39,600
Mechanical	$56,600	$15,100	$22,000	$70,100
Total	**$56,600**	**$15,400**	**$29,400**	**$126,000**
Importance Code A	$7,800	$7,800	$7,800	$8,000
Importance Code B	$48,800	$7,500	$17,800	$118,000
Importance Code C			$3,700	
Total	**$56,600**	**$15,400**	**$29,400**	**$126,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%	4+	$119,800	LIFE	* *	5	$115,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
Location : At Window Sills								
Masonry: Brick	75%	4+	$66,600	LIFE	* *	5	$110,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : At Penthouse								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : At Penthouse								
Masonry: Limestone	10%	4+	$80,400	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Slate Panels	5%	2-4	$38,500	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$697,000	2041	* *	5	$20,800	1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,300	
Masonry: Brick	90%			LIFE	* *	5	$9,700	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$41,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$25,900	
Ceramic Tile	5%			2034	* *	5	$5,900	
Marble Panels	5%			LIFE	* *	5	$4,400	
Sheet Vinyl/Rubber	10%			2035	* *	5	$17,800	
Terrazzo	10%	0-2	$110,200	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby And Second Floor Corridor								
Traffic Topping	10%	Now	$58,800	2025	$147,000	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : At Stair Landings								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : At Stair Landings								
Vinyl Tile	50%	Now	$50,400	2025	$504,000	3	$22,200	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Stair #6 At First Floor								
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Stair #6 At First Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$7,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	2-4	$58,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$44,400	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair #6 And Nearby Corridor On Fifth Floor								
Ceilings								
Exposed Concrete	15%	Now	$57,200	LIFE	* *	5	$2,800	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement Throughout								
Plaster	85%	Now	$66,100	LIFE	* *	5	$63,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Third And Fifth Floor Corridors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Rating Not Available Nameplates Are Painted								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	70%			2025	$86,700	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	30%			2041	* *	5	$600	
Molded Case Bkrs	60%			2024	$80,700	5	$1,200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2038	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	15%			2030	* *	10	$10,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : Using T-8 Lamps								
Fluorescent	77%			2020	$677,400	10	$55,900	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	3%			2020	$19,000	10	$100	
Incandescent	5%			2025	$44,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$53,400	10	$9,600	
Exit, Service	50%			2020	$10,700	1		
On Extended Life, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exterior Lighting								
HID	100%			2025	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$319,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2035	* *	1		
Conversion Equipment								
Steam Boiler	100%			2023	$385,600	1	$78,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$27,700	2035	* *	4	$3,900	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX

Asset # : 466

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%	Now	$8,500	2020	$85,400	1	$8,800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Convector/Radiator	80%			2023	$598,500	1	$20,500	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2020	$24,400	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,200	
Exhaust Fans								
Interior	90%	Now	$78,800	2035	* *	2	$1,700	
Obsolete Equipment, Extent : Severe, Area Affected : 70%								
Location : Penthouse								
Roof	10%	Now	$600	2025	$6,300	2	$200	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$47,300	1		
Water Heater								
Gas Fired	100%	Now	$400	2023	$18,400	2	$900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Safety Valve								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2030	* *	1	$4,700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$18,500	1-2	$500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 63 - BX MINISCHOOL**				
Address	: **1260 FRANKLIN AVE. @ E.169 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X862**
Program / Asset #	: **BOE0204.010 / 2520**			**Yr Built/Renovated**	: **1972 / 2000**
Area Sq Ft	: **7,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **02-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2615**	**Lot**	: **14**	**BIN**	: **2004302**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$120,000	
Interior Architecture	$36,300	
Electrical		$86,100
Mechanical		$99,800
Total	**$156,300**	**$185,900**
Importance Code A	$120,000	
Importance Code B	$36,300	$185,900
Total	**$156,300**	**$185,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,200			
Interior Architecture	$10,500			$1,400
Electrical		$100		
Mechanical	$500	$400	$1,100	$400
Total	**$28,200**	**$500**	**$1,100**	**$1,800**
Importance Code A	$17,600	$400	$400	$400
Importance Code B	$10,600	$100	$700	$1,400
Importance Code C				
Total	**$28,200**	**$500**	**$1,100**	**$1,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX MINISCHOOL

Asset # : 2520

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$17,200	2035	* *	5	$22,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Along Building Base Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Windows								
Aluminum	100%	Now	$76,500	2050	* *	5	$900	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%			2038	* *	10	$43,500	
Interior								
Floors								
Ceramic Tile	5%	4+	$1,100	2034	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	95%	2-4	$9,400	2030	* *	3	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,000	
Metal Panel	75%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	4+	$36,300	2030	* *	5	$5,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	95%			2035	* *	1		
Conduit	5%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX MINISCHOOL

Asset # : 2520

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2033	* *	5		
Molded Case Bkrs	80%			2033	* *	5	$200	
Molded Case Bkrs	10%			2047	* *	5		
Wiring								
Thermoplastic	95%			2035	* *	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$86,100	10	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	60%			2025	$6,300	10	$1,100	
Exit, Service	40%			2025	$800	1		
Exterior Lighting								
HID	100%			2025	$28,800	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$9,500	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$99,800	2	$500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,300	
Exhaust Fans								
Interior	90%			2025	$7,700	2	$200	
Roof	10%			2025	$600	2		
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 63 - BX MINISCHOOL

Asset # : 2520

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2024	$1,200	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 64 - BX**
Address : **1425 WALTON AVENUE BTWN: EAST 170 ST., EAST 171 S**
Borough : **BRONX** | **Agency's Number** : **X064**
Program / Asset # : **BOE0205.000 / 467** | **Yr Built/Renovated** : **1924 / 2007**
Area Sq Ft : **78,000** | **Project Type** : **EDUCATION**
Date of Survey : **27-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2843** **Lot** : **40** | **BIN** : **2008098**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$353,100	$134,200
Interior Architecture	$751,900	$778,500
Electrical	$395,800	$1,424,700
Mechanical	$171,000	$390,600
Total	**$1,671,700**	**$2,728,000**
Importance Code A	$392,100	$561,700
Importance Code B	$1,013,500	$2,166,200
Importance Code C	$266,100	
Total	**$1,671,700**	**$2,728,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,200			
Interior Architecture	$68,600			$12,800
Electrical	$14,300	$900	$1,500	$14,000
Mechanical	$30,200	$11,300	$27,700	$56,700
Total	**$125,300**	**$12,200**	**$29,200**	**$83,500**
Importance Code A	$12,200	$7,900	$7,900	$8,100
Importance Code B	$89,500	$4,300	$21,300	$75,400
Importance Code C	$23,600			
Total	**$125,300**	**$12,200**	**$29,200**	**$83,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	$3,400	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$34,900	
Masonry: Brick	90%			LIFE	* *	5	$134,200	
Masonry: Limestone	5%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%	Now	$353,100	2041	* *	5	$21,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$6,900	LIFE	* *	5	$8,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$9,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	20%	Now	$1,900	2030	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	78%			2033	* *	10	$32,600	
Cast in Place Concrete	2%			LIFE	* *			
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,100	LIFE	* *	5	$13,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	Now	$14,000	2028	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Marble Panels	5%	0-2	$87,000	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sheet Vinyl/Rubber	2%	Now	$71,300	2035	* *	5	$1,800	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Terrazzo	5%	0-2	$27,900	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Traffic Topping	5%	Now	$74,500	2035	* *	5	$3,800	
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 50%								
Location : Stairs								
Vinyl Tile	70%	0-2	$71,500	2025	$714,700	3	$31,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%	4+	$47,500	2053	* *	5	$3,400	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	2%			2065	* *	5	$4,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	0-2	$23,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$116,600	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Central Penthouse								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Central Penthouse								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Central Penthouse								
Marble Panels	5%	0-2	$59,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Plaster	75%	0-2	$90,000	LIFE	* *	5	$33,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$2,800	
Plaster	85%	Now	$134,000	LIFE	* *	5	$63,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Stair Tower, Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$300	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2055	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Fused Knife Sw	10%	0-2	$13,500	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	65%			2024	$87,400	5	$1,300	
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	5%			2050	* *	5	$100	
Wiring								
Braided Cloth	65%	2-4	$113,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2051	* *	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	80%			2023	$60,400	5	$400	
Locally Mounted	20%			2030	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2025	$846,600	10	$69,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamp T-12								
HID	2%			2020	$12,800	10	$100	
Incandescent	3%			2025	$26,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
No Component	75%							
Generic	25%			2025	$59,000	1	$7,300	
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$282,800			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2045	* *	5	$24,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 5,000 Gallon Tanks For #4 Fuel								
Conversion Equipment								
Steam Boiler	100%	2-4	$39,100	2023	$390,600	1	$71,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$4,000	
Terminal Devices								
Air Handler	10%			2020	$43,300	1	$5,000	
Convector/Radiator	90%			2030	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$33,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,700	
Exhaust Fans								
Interior	100%	Now	$26,600	2020	$88,700	2	$2,000	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$18,700	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - 100 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 64 - BX

Asset # : 467

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
Generic	100%			2025	$7,600	1	$4,800	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2035	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 65 - BX**
Address : **677 EAST 141 STREET BTWN: CYPRESS AVE, POWERS AVE.**
Borough : **BRONX** | **Agency's Number** : **X065**
Program / Asset # : **BOE0206.000 / 468** | **Yr Built/Renovated** : **1924 / 2010**
Area Sq Ft : **76,000** | **Project Type** : **EDUCATION**
Date of Survey : **13-Dec-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2571** **Lot** : **1** | **BIN** : **2003834**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$126,700	$244,200
Interior Architecture	$1,117,600	$90,500
Electrical	$943,600	$257,200
Mechanical	$117,800	$627,700
Total	**$2,305,700**	**$1,219,600**
Importance Code A	$126,700	$262,700
Importance Code B	$2,073,800	$917,600
Importance Code C	$105,200	$39,300
Total	**$2,305,700**	**$1,219,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$16,500			$16,100
Electrical	$100		$900	$46,700
Mechanical	$65,700	$44,900	$15,900	$71,600
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$87,300**	**$49,900**	**$21,800**	**$139,300**
Importance Code A	$7,700	$7,700	$7,700	$7,900
Importance Code B	$79,600	$42,100	$14,000	$131,400
Total	**$87,300**	**$49,900**	**$21,800**	**$139,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$113,500	
Masonry: Brick	90%			LIFE	* *	5	$130,700	
Windows								
Aluminum	100%	Now	$86,000	2041	* *	5	$20,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,200	
Masonry: Brick	90%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$40,700	
Interior								
Floors								
Ceramic Tile	5%			2040	* *	5	$5,900	
Terrazzo	5%	Now	$13,600	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	20%			2035	* *	3	$11,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile 9" X 9"	70%	Now	$902,200	2035	* *	3	$30,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Plaster	90%	Now	$105,200	LIFE	* *	5	$39,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceilings								
Exposed Concrete	30%	Now	$56,500	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Boiler Room, Classrooms, Toilets And Stair #5								
Plaster	70%	2-4	$53,800	LIFE	* *	5	$51,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Explanation : One 100 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	20%			2051	* *	5	$100	
Fused Knife Sw	80%	2-4	$117,300	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2051	* *	1		
Panelboards								
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	90%			2024	$121,100	5	$1,800	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	30%			2020	$260,500	10	$21,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : Using T-12 Lamps								
Fluorescent	67%			2030	* *	10	$48,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	3%			2020	$26,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$52,700	10	$9,400	
Exit, Service	50%			2020	$10,500	1		
Exterior Lighting								
HID	100%			2020	$287,000	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$24,200	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$77,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$54,600	2035	* *	4	$3,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Pump, Boiler Room								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Various Areas								
Terminal Devices								
Air Handler	15%	Now	$3,200	2020	$63,200	1	$6,500	
Malfunctioning, Extent : Severe, Area Affected : 15%								
Location : Pneumatic Control Valves, Basement								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Convector/Radiator	85%	Now	$31,400	2023	$627,700	1	$19,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Connection Lines, Various Locations								
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$32,100	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$8,700	
No Component	80%							

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 65 - BX

Asset # : 468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	15%	Now	$600	2020	$13,000	2	$300	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement Fan Room								
Roof	5%			2025	$3,100	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		
Under Construction	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : New Pipe Installation Is In Progress								
Water Heater								
Gas Fired	100%	Now	$18,200	2025	$18,200	2	$900	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-5, But Not Operating On 5th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	99%							
Generic	1%			2025	$9,100	1-2	$200	
Chemical System								
Generic	100%			2018	$26,100	1-3	$50,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : All The Heads Have Been Removed								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING**				
Address	: **98 GRANT STREET @ SAINT PAULS AVE.**				
Borough	: **STATEN ISLAND**		**Agency's Number**	: **R829**	
Program / Asset #	: **BOE0956.000 / 2885**		**Yr Built/Renovated**	: **1897 / 2009**	
Area Sq Ft	: **47,595**		**Project Type**	: **EDUCATION**	
Date of Survey	: **31-Jan-2014**		**Landmark Status**	: **EXTERIOR LANDMARK**	
Areas Surveyed	: **Basement, Roof, Floors 1,3**				
Block	: **506**	**Lot** : **81**	**BIN**	: **5013382**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$289,700	$114,700
Electrical		$43,700
Total	**$289,700**	**$158,300**
Importance Code A	$289,700	$114,700
Importance Code B		$43,700
Total	**$289,700**	**$158,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,300	$1,800		$12,400
Interior Architecture	$16,900	$8,300		$27,800
Electrical	$1,200	$400	$400	$1,100
Mechanical	$11,000	$12,900	$12,400	$7,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$40,300**	**$31,200**	**$20,700**	**$56,800**
Importance Code A	$6,100	$3,700	$2,800	$14,300
Importance Code B	$34,200	$24,600	$17,900	$42,600
Importance Code C		$2,900		
Total	**$40,300**	**$31,200**	**$20,700**	**$56,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	Now	$249,100	LIFE	* *	5	$37,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	40%			LIFE	* *	5	$27,500	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition								
Masonry: Limestone	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	40%			2047	* *	5	$6,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 2009 Addition								
Wood	60%	0-2	$40,600	2041	* *	5	$49,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$10,400	
Masonry: Brick	10%			LIFE	* *	5	$500	
Masonry: Brick	25%			LIFE	* *	5	$1,300	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 2009 Addition								
Metal Cornice	40%			2053	* *	10	$6,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,600	
Roof								
IRMA/Protected Membrane	33%			2033	* *	10	$16,300	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 2009 Additon								
Metal Panel	2%			2038	* *	10	$1,800	
Modified Bitumen	25%			2030	* *	10	$12,400	
Slate	40%			LIFE	* *			
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$15,600	
Ceramic Tile	5%			2038	* *	5	$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Restrooms								
Mosaic Tile	5%			2030	* *	5	$8,900	
Quarry Tile	5%			2042	* *	5	$5,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Vinyl Tile	40%			2033	* *	3	$10,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	35%			2060	* *	5	$46,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,300	
Gypsum Board	35%			LIFE	* *	5	$24,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : 2009 Addition								
Plaster	55%			LIFE	* *	5	$19,300	
Ceilings								
AcousTileSusp.Lay-In	40%			2042	* *	5	$28,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 2009 Addition								
Embossed Metal	50%			LIFE	* *	5	$16,000	
Plaster	10%			LIFE	* *	5	$4,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 600 Amperes And 400 Amperes								
Transformers								
Dry Type	100%			2042	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughtout								
Explanation : Total Of 5 Rated @ 112.5 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	30%			2047	* *	5	$300	
Molded Case Bkrs	70%			2047	* *	5	$900	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$43,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2033	* *	1		
Exit, Battery	50%			2033	* *	10	$1,600	
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$1,400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2033	* *	1	$3,600	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2051	* *	1		
Natural Gas	80%			2051	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	80%			2030	* *	1	$18,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Mounted Gas Fired Units With A C								
Radiant Heater	20%			2033	* *	2	$4,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Staircases And Hallways								
Explanation : 18 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units Using 410-a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,500	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%	Now	$2,400	2023	$12,100	2	$600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Bottom Of Storage Tank, Penthouse								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$2,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units - Fluid Leaks At The Ceiling Between Those 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 65 - SI ACADEMY OF INNOVATIVE LEARNING
Asset # : 2885

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$13,300	
Chemical System								
Generic	100%			2024	$28,500	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 66 - BK**		
Address	: **881 EAST 96TH STREET @FOSTER AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K066**
Program / Asset #	: **BOE1031.000 / 13584**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **129,940**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Dec-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **8129** **Lot** : **1**	**BIN**	: **3325418**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$79,900	$175,900
Interior Architecture	$77,800	$120,300
Electrical	$118,000	
Total	**$275,700**	**$296,200**
Importance Code A	$79,900	$175,900
Importance Code B	$195,800	$120,300
Total	**$275,700**	**$296,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$16,000	$11,800
Interior Architecture	$27,800	$2,900		$18,700
Electrical	$16,700	$12,700	$29,700	$21,100
Mechanical	$60,700	$40,600	$116,300	$50,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$113,200**	**$64,100**	**$169,900**	**$109,900**
Importance Code A	$12,900	$12,900	$29,200	$24,700
Importance Code B	$100,300	$51,300	$140,700	$85,200
Importance Code C				
Total	**$113,200**	**$64,100**	**$169,900**	**$109,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2059	* *	10	$16,000	
Masonry: Brick	80%			LIFE	* *	5	$109,300	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$25,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$22,200	
Windows								
Aluminum	95%			2040	* *	5	$23,600	
Metal Louvers	5%			2033	* *	10	$7,800	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$8,400	
Pre-Cast Concrete	15%			LIFE	* *	5	$9,300	
Roof								
Built-Up (BUR)	75%			2029	* *	10	$79,900	
Copper/Terne	25%			2052	* *	10	$66,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$42,500	
Ceramic Tile	3%			2033	* *	5	$5,800	
Terrazzo	5%			LIFE	* *	5	$7,600	
Vinyl Tile	77%			2029	* *	3	$74,900	
Wood	5%			2052	* *	5	$18,200	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$8,900	
Gypsum Board	20%			LIFE	* *	5	$17,700	
SGFT/Glazed Masonry	65%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$155,600	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$24,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$600	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$3,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Mechanical Room								
Explanation : Connected To Main Water Pipe, Point Of Contact Not Visible Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$40,000	
Generators								
Diesel	100%			2033	* *	1	$50,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Diesel Genset Rated @ 400 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$29,000	
Fuel Storage								
Day Tank	50%			2040	* *	5	$12,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 60 Gallons Capacity								
Main Tank	50%			2052	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2029	* *	10	$118,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, LED	50%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$3,800	
Alarm								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$14,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$24,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$128,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$6,400	
Terminal Devices								
Convector/Radiator	50%			2029	* *	1	$21,000	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Air Handlers Are Covered Under A C System								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$60,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Units On Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$6,400	

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$80,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Units								
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$90,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,500	
Exhaust Fans								
Roof	100%			2029	* *	2	$4,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2037	* *	1		
Water Heater								
Gas Fired	100%			2019	$30,200	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$8,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement: 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$67,900	
Sprinkler								
Generic	100%			2044	* *	1-2	$36,400	
Fire Pump								
Generic	100%			2033	* *	1	$24,300	

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BK

Asset # : 13584

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul 102*								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 66 - BX**
Address : **1001 JENNINGS STREET BTWN: LONGFELLOW AVE., BOONE A**
Borough : **BRONX** | **Agency's Number** : **X066**
Program / Asset # : **BOE0207.000 / 678** | **Yr Built/Renovated** : **1924 / 2010**
Area Sq Ft : **109,000** | **Project Type** : **EDUCATION**
Date of Survey : **02-Dec-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **3008** **Lot** : **1** | **BIN** : **2010916**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$91,600	$248,000
Interior Architecture	$512,400	$867,400
Electrical	$1,817,500	$697,200
Mechanical	$216,100	$1,159,100
Total	**$2,637,500**	**$2,971,700**
Importance Code A	$91,600	$290,000
Importance Code B	$2,546,000	$2,637,800
Importance Code C		$43,900
Total	**$2,637,500**	**$2,971,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$13,000	$2,400	$1,000
Interior Architecture		$9,400		$51,400
Electrical	$19,700	$1,600	$2,400	$30,700
Mechanical	$24,200	$17,300	$27,000	$42,600
Total	**$43,900**	**$41,400**	**$31,700**	**$125,600**
Importance Code A	$11,100	$24,100	$13,500	$12,300
Importance Code B	$32,800	$12,000	$18,200	$113,300
Importance Code C		$5,200		
Total	**$43,900**	**$41,400**	**$31,700**	**$125,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$81,400	
Masonry: Brick	80%			LIFE	* *	5	$166,700	
Masonry: Brick Cavity	5%	Now	$39,100	LIFE	* *	5	$10,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs K / G & B / C								
Weepholes Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$7,800	
Stucco Cement	5%			2038	* *	5	$26,000	
Windows								
Aluminum	95%			2041	* *	5	$55,900	
Glass Block	5%			LIFE	* *	5	$1,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Masonry: Brick Cavity	90%			LIFE	* *	5	$13,700	
Roof								
Asphalt Macadam	5%			2030	* *	5	$1,900	
Built-Up (BUR)	90%			2030	* *	10	$52,500	
Roll Roofing	5%			2024	$12,000	5	$4,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,700	
Ceramic Tile	5%			2028	* *	5	$8,400	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	50%	Now	$142,700	2025	$713,400	3	$31,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : First Floor Play Area								
Vinyl Tile 9" X 9"	20%	0-2	$369,700	2035	* *	3	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2060	* *	5	$15,700	
Wood	5%			2040	* *	5	$15,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2028	* *	5	$10,400	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$43,900	
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$42,000	
Exposed Concrete	5%			LIFE	* *	5	$1,300	
Plaster	70%			LIFE	* *	5	$73,400	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$175,900	5	$400	
Fused Disc Sw	10%			2035	* *	5		
Raceway								
Conduit	90%			2025	$187,800	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Fused Disc Sw	5%			2033	* *	5	$100	
Fused Toggle Switch	5%	2-4	$9,000	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	70%			2024	$125,600	5	$2,000	
Wiring								
Braided Cloth	60%	2-4	$179,000	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2035	* *	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	90%			2023	$103,600	5	$700	
Locally Mounted	10%			2042	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Pipe Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2020	$996,300	10	$82,300	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2030	* *	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Toilet Rooms								
Explanation : T-8 Lamps								
Fluorescent	5%			2025	$62,300	10	$5,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Incandescent	5%			2020	$62,300	2	$100	
Egress Lighting								
Emergency, Battery	50%			2020	$75,600	10	$13,500	
Exit, Service	50%			2020	$15,100	1		
Exterior Lighting								
HID	100%			2020	$411,700	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$12,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$5,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 66 - BX

Asset # : 678

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2025	$120,900	1	$13,900	
Convector/Radiator	60%			2023	$635,400	1	$21,700	
Fan Coil Unit/Heat	20%			2025	$335,800	1	$7,200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$92,200	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,500	
Exhaust Fans								
Interior	100%			2020	$123,900	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$67,000	1		
Water Heater								
Gas Fired	100%			2020	$26,100	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$7,800	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 10%								
Location : Basement Vault								
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2025	$500	1	$300	
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$26,200	1-2	$600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 67 - BX**				
Address	: **2024 MOHEGAN AVENUE @E. 179 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X067**
Program / Asset #	: **BOE0208.000 / 679**			**Yr Built/Renovated**	: **1925 / 2009**
Area Sq Ft	: **108,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **28-Mar-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **3123**	**Lot**	: **3**	**BIN**	: **2013142**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$693,700	$196,100
Interior Architecture	$189,200	$1,569,400
Electrical	$812,300	$840,400
Mechanical	$499,300	$908,900
Total	**$2,194,500**	**$3,514,800**
Importance Code A	$693,700	$196,100
Importance Code B	$1,435,400	$2,986,500
Importance Code C	$65,500	$332,200
Total	**$2,194,500**	**$3,514,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,000		
Interior Architecture	$15,900	$37,400	$111,300	$7,300
Electrical	$14,500	$17,200	$3,100	$3,600
Mechanical	$22,500	$31,500	$27,000	$16,800
Total	**$52,900**	**$96,100**	**$141,400**	**$27,700**
Importance Code A	$11,000	$21,300	$11,000	$11,000
Importance Code B	$41,900	$74,900	$130,400	$16,700
Importance Code C				
Total	**$52,900**	**$96,100**	**$141,400**	**$27,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	25%	0-2	$155,700	LIFE	* *	5	$51,600	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Boiler Room, Basement								
Explanation : Water Infiltration Through Foundation Walls And Floor, Even After Repairs Were Done								
Masonry: Brick	70%			LIFE	* *	5	$144,500	
Masonry: Limestone	5%			LIFE	* *	5	$7,700	
Windows								
Aluminum	100%	Now	$488,800	2039	* *	5	$29,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,600	
Metal Panel	3%			2043	* *	5	$1,800	
Pre-Cast Concrete	7%			LIFE	* *	5	$6,700	
Roof								
Asphalt Macadam	10%			2023	$19,800	5	$3,900	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	85%			2028	* *	10	$49,100	
Copper/Terne	5%			2038	* *	10	$7,200	
Interior								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2019	$106,100	3	$12,500	
Cast in Place Concrete	5%	0-2	$8,600	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Boiler Room, Basement								
Explanation : Ground Water								
Sheet Vinyl/Rubber	5%			2023	$246,700	5	$12,500	
Terrazzo	5%			LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lobby								
Traffic Topping	20%	Now	$123,800	2023	$412,500	5	$20,800	
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Corridors								
Vinyl Tile	33%			2023	$466,500	3	$27,400	
Vinyl Tile	5%			2028	* *	3	$3,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Vinyl Tile	2%			2023	$28,300	3	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Classrooms 313 And 316								
Explanation : 9x9 Tiles								
Wood	20%			2038	* *	5	$62,400	
Interior Walls								
Cast in Place Concrete	5%	0-2	$65,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Tunnel In Basement								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2026	$285,700	5	$10,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$46,600	

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	$8,300	
Exposed Concrete	10%			LIFE	* *	5	$2,600	
Exposed Concrete	5%			LIFE	* *	5	$1,300	
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Basement Corridor								
Plaster	80%			LIFE	* *	5	$83,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Evidence Of Water Penetration Through The Walls. Main Service Protector Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$500	
Raceway								
Conduit	90%			2023	$187,800	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$9,000	5	$100	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	90%			2022	$161,400	5	$2,600	
Wiring								
Braided Cloth	90%	2-4	$268,600	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2021	$57,600	5	$400	
Locally Mounted	50%			2036	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$91,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	7%			2028	* *	10	$7,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	3%			2018	$37,000	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$13,400	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$407,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$98,000	1	$12,100	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$335,600	1-3	$20,600	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	90%			2043	* *	5	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 And One 10,000 Gallon Tank								
Natural Gas	10%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$110,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 #2 Fuel Oil Burning Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$5,500	

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2028	* *	1	$13,700	
Convector/Radiator	55%			2021	$577,100	1	$19,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Convector/Radiator	5%	0-2	$52,500	2043	* *	1	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Library And Various Other Locations, Defective Thermostats								
Fan Coil Unit/Heat	20%	Now	$332,700	2033	* *	1	$6,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Multiple Mechanical And Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Gyms, Library And Various Other Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2018	$114,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$61,900	
Exhaust Fans								
Interior	100%			2028	* *	2	$3,400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$331,800	1		
Water Heater								
Gas Fired	100%			2021	$25,800	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	5%	Now	$7,800	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 50%								
Location : Basement								
Damaged, Extent : Light, Area Affected : 50%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

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DEPARTMENT OF EDUCATION - 040

P. S. 67 - BX

Asset # : 679

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S. 68 - BX**		
Address	**: 4011 MONTICELLO AVENUE @STRANG AVE.**		
Borough	**: BRONX**	**Agency's Number**	**: X068**
Program / Asset #	**: BOE0209.000 / 2608**	**Yr Built/Renovated**	**: 1926 / 2004**
Area Sq Ft	**: 79,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 19-Dec-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,2,3**		
Block	**: 4986 Lot : 81**	**BIN**	**: 2067852**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$367,100	$62,700
Interior Architecture	$735,100	$451,900
Electrical	$421,800	$582,300
Mechanical	$50,000	$2,158,500
Total	**$1,574,000**	**$3,255,300**
Importance Code A	$367,100	$457,200
Importance Code B	$915,300	$2,798,100
Importance Code C	$291,600	
Total	**$1,574,000**	**$3,255,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$14,600	$6,100	$32,800	$6,500
Electrical	$1,200	$3,200	$41,300	$2,900
Mechanical	$59,400	$16,500	$37,400	$13,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$79,200**	**$29,800**	**$115,400**	**$26,700**
Importance Code A	$7,900	$8,000	$8,000	$8,200
Importance Code B	$70,100	$21,700	$107,300	$18,500
Importance Code C	$1,200			
Total	**$79,200**	**$29,800**	**$115,400**	**$26,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$18,400	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$28,800	
Masonry: Brick	45%			LIFE	* *	5	$33,200	
Masonry: Brick	40%			LIFE	* *	5	$29,500	
Masonry: Granite	5%			LIFE	* *	5	$2,800	
Windows								
Aluminum	100%	Now	$230,100	2040	* *	5	$13,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : At Windows								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,100	
Masonry: Brick	55%			LIFE	* *	5	$8,600	
Metal Rail	30%			2037	* *	5-10	$84,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$85,700	
Interior								
Floors								
Asphalt Poured	5%	Now	$1,700	2022	$8,300	5	$1,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Stairs, 1926 Wing								
Wrinkling, Extent : Moderate, Area Affected : 100%								
Location : Stairs, 1926 Wing								
Ceramic Tile	5%	Now	$11,800	2027	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet(s)								
Marble Panels	2%			LIFE	* *	5	$1,800	
Vinyl Tile	43%	Now	$443,500	2034	* *	3	$19,600	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : 1926 Wing								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : 1926 Wing								
Poor Subfloor Evident, Extent : Light, Area Affected : 20%								
Location : Cafeteria								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : 1926 Wing								
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Throughout 1926 Wing								
Explanation : 9 X 9 Tiles								
Vinyl Tile	40%			2024	$412,500	3	$18,200	
Wood	5%			2039	* *	5	$11,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2027	* *	5	$2,400	
Folding Partition	3%	Now	$291,600	2049	* *	5	$4,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Auditorium, Cafeteria								
Masonry: Brick	7%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	61%			LIFE	* *	5	$22,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%			2029	* *	5	$24,100	
AcousTileConcealSpLn	20%			2029	* *	5	$30,100	
Exposed Concrete	20%			LIFE	* *	5	$3,800	
Fiber Board	5%			2024	$39,300			
Metal Panel	5%			LIFE	* *	5	$7,500	
Plaster	30%			LIFE	* *	5	$22,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	$73,300	5	$200	
Fused Disc Sw	50%			2050	* *	5	$200	
Raceway								
Conduit	100%			2024	$123,800	1		
Panelboards								
Fused Disc Sw	15%			2023	$20,200	5	$300	
Molded Case Bkrs	85%			2023	$114,400	5	$1,800	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2024	$52,200	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2032	* *	10	$71,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2032	* *	10	$100	
Incandescent	2%			2019	$18,000	2		
Egress Lighting								
Emergency, Battery	50%			2019	$54,700	10	$9,800	
Exit, Service	50%			2019	$10,900	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$71,700	1	$8,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$245,500	2034	* *	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$199,600	5	$25,100	
Conversion Equipment								
Steam Boiler	100%	Now	$7,900	2022	$394,500	1	$72,200	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Tubing Of Boilers Is Required								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,300	2024	$565,800	4	$4,000	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Vacuum Pump, Basement								
Repairs In Progress, Extent : Light, Area Affected : 70%								
Location : Steam Traps Being Replaced Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2024	$131,100	1	$15,000	
Convector/Radiator	50%			2022	$382,700	1	$13,100	
Fan Coil Unit/Heat	20%			2024	$242,700	1	$5,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$50,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,200	
Exhaust Fans								
Interior	20%			2024	$17,900	2	$500	
Roof	30%			2024	$19,300	2	$700	
No Component	50%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2022	$242,000	1		
Water Heater								
Gas Fired	100%			2017	$18,900	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 68 - BX

Asset # : 2608

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 69 - BX**				
Address	: **560 THIERIOT AVENUE @SOUNDVIEW AVENUE**				
Borough	: **BRONX**			**Agency's Number**	: **X069**
Program / Asset #	: **BOE0210.000 / 469**			**Yr Built/Renovated**	: **1924 / 2010**
Area Sq Ft	: **35,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **3524**	**Lot**	: **20**	**BIN**	: **2021482**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$276,000	$45,700
Interior Architecture	$312,200	
Electrical	$366,400	$97,600
Mechanical	$77,600	
Total	**$1,032,200**	**$143,400**
Importance Code A	$276,000	$45,700
Importance Code B	$670,100	$97,600
Importance Code C	$86,100	
Total	**$1,032,200**	**$143,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$5,400	$8,500
Interior Architecture	$8,700		$2,000	$2,700
Electrical	$1,900	$2,100	$38,700	$1,800
Mechanical	$25,700	$6,100	$51,200	$7,000
Total	**$36,200**	**$8,200**	**$97,200**	**$20,000**
Importance Code A	$3,600	$3,600	$9,000	$12,100
Importance Code B	$28,000	$4,700	$88,200	$7,900
Importance Code C	$4,600			
Total	**$36,200**	**$8,200**	**$97,200**	**$20,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$22,300	
Masonry: Brick	80%	Now	$276,000	LIFE	* *	5	$45,700	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout All Facades								
Masonry: Granite	4%			LIFE	* *	5	$1,700	
Masonry: Limestone	3%			LIFE	* *	5	$1,300	
Metal Panel	5%			2044	* *	5-10	$19,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,600	
Windows								
Aluminum	100%			2040	* *	5	$17,000	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$7,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2010								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Coping, 2010								
Roof								
Built-Up (BUR)	97%			2032	* *	10	$27,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout, 2010								
Skylight, Metal/Glass	3%			2044	* *	10	$2,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$5,900	
Ceramic Tile	5%			2027	* *	5	$2,700	
Marble Panels	5%			LIFE	* *	5	$2,000	
Terrazzo	5%			LIFE	* *	5	$2,100	
Vinyl Tile	40%			2029	* *	3	$10,800	
Vinyl Tile	30%			2019	$137,500	3	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : 9x9 Units								
Wood	10%	Now	$35,500	2052	* *	5	$5,100	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Rooms 201, 202, 204, 208 And Gym								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$4,600	2033	* *	5	$1,700	
Adhesion Failure, Extent : Moderate, Area Affected : 10%								
Location : Girls Bathroom On First Floor								
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Girls Bathroom On First Floor								
Loose Units, Extent : Moderate, Area Affected : 25%								
Location : Girls Bathroom On First Floor								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	80%	Now	$86,100	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Below Windows At 2nd & 3rd Floors Throughout Rear Facade								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Below Windows At 2nd & 3rd Floors Throughout Rear Facade								
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$2,100	
Plaster	75%	Now	$53,000	LIFE	* *	5	$25,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd & 3rd Floors								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2054	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$200	
Raceway								
Conduit	90%			2034	* *	1		
Conduit	10%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$3,700	5		
Fused Disc Sw	5%			2049	* *	5		
Molded Case Bkrs	20%			2049	* *	5	$200	
Molded Case Bkrs	70%			2023	$52,300	5	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$46,600	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2054	* *	1		
Thermoplastic	20%			2024	$13,300	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	5%			2034	* *	10	$1,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Library								
Fluorescent	95%			2034	* *	10	$31,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$4,300	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	50%			2034	* *	10	$100	
HID	50%			2019	$66,100	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$31,800	1	$3,900	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2019	$253,800	1-3	$15,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$11,200	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$35,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$1,800	
Terminal Devices								
Air Handler	40%	Now	$1,600	2019	$77,600	1	$8,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Throughout Due To Dust In The Duct								
Convector/Radiator	60%			2029	* *	1	$7,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$7,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$15,500	LIFE	* *	2-5	$20,100	
Needs Cleaning, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Interior	35%			2019	$13,900	2	$400	
Roof	65%			2024	$18,600	2	$700	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$8,400	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 20%								
Location : Backs Up In Basement With Heavy Rain								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2024	$200	1	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX

Asset # : 469

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	20%			2019	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 69 - BX ANNEX**
Address : **639 THIERIOT AVENUE BTWN: RANDALL AVE. - SEWARD AVE.**
Borough : **BRONX** | **Agency's Number** : **LEASE-X880**
Program / Asset # : **BOE1063.000 / 14390** | **Yr Built/Renovated** : **1966 /**
Area Sq Ft : **8,909** | **Project Type** : **EDUCATION**
Date of Survey : **29-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **3559** **Lot** : **1** | **BIN** : **2096912**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$145,600	$117,500
Interior Architecture		$66,100
Electrical		$124,000
Mechanical		$44,800
Total	**$145,600**	**$352,400**
Importance Code A	$145,600	$117,500
Importance Code B		$234,900
Total	**$145,600**	**$352,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,600			
Interior Architecture	$68,200		$800	$800
Electrical	$200	$100		
Mechanical	$4,200	$1,500	$1,800	$1,200
Total	**$92,300**	**$1,700**	**$2,600**	**$1,900**
Importance Code A	$20,100	$400	$400	$400
Importance Code B	$48,600	$1,200	$2,200	$1,500
Importance Code C	$23,500			
Total	**$92,300**	**$1,700**	**$2,600**	**$1,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$39,300	
Windows								
Steel	100%	Now	$75,100	2051	* *	5	$9,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Metal Rail	100%			2039	* *	5-10		
Roof								
Built-Up (BUR)	100%	Now	$70,500	2026	$117,500			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2029	* *	5	$700	
Terrazzo	20%			LIFE	* *	5	$4,200	
Vinyl Tile	30%			2034	* *	3	$1,500	
Vinyl Tile 9" X 9"	45%	Now	$19,800	2021	$66,100	3	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$13,700	2029	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Concrete Masonry Unit	65%			LIFE	* *	5	$8,600	
Gypsum Board	30%			LIFE	* *	5-10	$8,500	
Ceilings								
AcousTileSusp.Lay-In	75%	Now	$16,200	2031	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5-10	$800	
Gypsum Board	20%			LIFE	* *	5-10	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$1,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Basement								
Explanation : One 600a Main Disconnect Switch								
Fused Disc Sw	50%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room - Basement								
Explanation : One 400a Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$24,400	5		
Molded Case Bkrs	50%			2052	* *	5	$100	
Panelboards								
Fused Disc Sw	5%			2025	$1,100	5		
Fused Disc Sw	5%			2048	* *	5		
Molded Case Bkrs	90%			2048	* *	5	$200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$31,700	5		
Locally Mounted	30%			2043	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$1,100	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	50%			2021	$16,800	10		
HID	50%			2034	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$92,300			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2026	$21,900	5	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : One Tank Of 3000 Gallons - Equipment Owned And Operated By Holy Cross Church								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2024	$20,000	1	$4,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 #2 Oil Burning Hot Water Boilers Equipment Owned And Operated By Holy Cross Church								
Distribution								
Hot Wtr Piping/Pump	100%			2025	$44,800	4	$700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Equipment Owned And Operated By Holy Cross Church								
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	30%			2034	* *	1		
No Component	70%							
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2031	* *	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Package Units On Roof								
Window/Wall Unit	10%			2024	$1,800	1		
No Component	70%							
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2	$1,500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Roof	100%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2026	$21,300	1		
Brass/Copper	20%			2046	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX ANNEX

Asset # : 14390

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 69 - BX MINISCHOOL**
Address : **560 THIERIOT AVENUE @ SOUNDVIEW AVENUE**
Borough : **BRONX** **Agency's Number** : **X869**
Program / Asset # : **BOE0210.010 / 2692** **Yr Built/Renovated** : **1970 /**
Area Sq Ft : **9,000** **Project Type** : **EDUCATION**
Date of Survey : **24-Oct-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Floors 1**
Block : **3524** **Lot** : **20** **BIN** : **2021482**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$141,700	$70,500
Interior Architecture	$107,300	
Electrical	$65,300	$45,300
Mechanical		$117,900
Total	**$314,200**	**$233,700**
Importance Code A	$141,700	$70,500
Importance Code B	$172,500	$163,200
Total	**$314,200**	**$233,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$26,400	
Interior Architecture	$22,300	$300		$1,600
Electrical	$400	$500	$42,900	$400
Mechanical	$1,300	$1,300	$9,000	$1,300
Total	**$24,000**	**$2,100**	**$78,400**	**$3,200**
Importance Code A	$500	$500	$26,900	$500
Importance Code B	$23,400	$1,600	$51,500	$2,800
Importance Code C	$200			
Total	**$24,000**	**$2,100**	**$78,400**	**$3,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX MINISCHOOL

Asset # : 2692

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2034	* *	5-10	$97,000	
Windows								
Aluminum	100%	Now	$90,300	2049	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Metal Panel	100%			2029	* *	10	$51,400	
Interior								
Floors								
Ceramic Tile	5%			2033	* *	5	$700	
Vinyl Tile	95%	0-2	$22,100	2029	* *	3	$4,900	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$400	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,400	
Metal Panel	47%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	0-2	$107,300	2044	* *	5	$6,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical & Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$2,200	5		
Molded Case Bkrs	90%			2023	$20,200	5	$200	
Wiring								
Thermoplastic	100%			2024	$18,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX MINISCHOOL

Asset # : 2692

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2024	$6,200	10	$1,100	
Exit, Service	50%			2024	$1,200	1		
Exterior Lighting								
HID	100%			2019	$34,000	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2019	$65,300	1-3	$3,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2024	$11,200	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room - Ceiling Duct Mounted								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2025	$117,900	2	$600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Exhaust Fans								
Interior	100%			2032	* *	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Electric	100%			2022	$1,400	4	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 69 - BX MINISCHOOL

Asset # : 2692

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	20%			2019	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 7 - BK**
Address : **858 JAMAICA AVE. @HEMLOCK ST.**
Borough : **BROOKLYN**
Agency's Number : **K007**
Program / Asset # : **BOE1001.000 / 4508**
Yr Built/Renovated : **1999 / 1999**
Area Sq Ft : **102,000**
Project Type : **EDUCATION**
Date of Survey : **17-Jul-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4106** **Lot** : **39** **BIN** : **3090998**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,500	$108,100
Interior Architecture	$53,800	$100,300
Electrical	$93,600	
Total	**$200,800**	**$208,400**
Importance Code A	$53,500	$108,100
Importance Code B	$147,400	$53,800
Importance Code C		$46,500
Total	**$200,800**	**$208,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$13,600	$18,100
Interior Architecture	$24,800	$9,800		$13,500
Electrical	$15,700	$12,200	$25,900	$19,600
Mechanical	$53,300	$37,900	$76,200	$50,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$101,700**	**$67,900**	**$123,500**	**$109,800**
Importance Code A	$10,100	$10,100	$23,900	$28,200
Importance Code B	$91,600	$51,300	$99,600	$81,600
Importance Code C		$6,500		
Total	**$101,700**	**$67,900**	**$123,500**	**$109,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$108,100	
Metal Panel	5%			2044	* *	5-10	$39,100	
Windows								
Aluminum	100%			2040	* *	5	$36,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$13,700	
Metal Panel	10%			2044	* *	5	$5,900	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$53,500	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$14,700	
Ceramic Tile	5%			2033	* *	5	$6,700	
Quarry Tile	5%			2037	* *	5	$10,100	
Vinyl Tile	80%			2029	* *	3	$53,800	
Wood	5%			2052	* *	5	$12,600	
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$12,900	
Concrete Masonry Unit	45%			LIFE	* *	5	$46,500	
Gypsum Board	20%			LIFE	* *	5	$31,000	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$107,700	
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Fiber Board	5%			2029	* *			
Metal Panel	5%			LIFE	* *	5	$8,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2037	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 750 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$100	
Motor Control Center	80%			2037	* *	5	$2,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$31,400	
Generators								
Diesel	100%			2033	* *	1	$39,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 288 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$22,700	
Fuel Storage								
Day Tank	50%			2040	* *	5	$9,500	
Main Tank	50%			2052	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 3500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2029	* *	10	$84,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	10%			2029	* *	10	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-5 Lamps								
Egress Lighting								
Emergency, Service	65%			2029	* *	1		
Exit, Service	35%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$11,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$45,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$101,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$5,000	
Terminal Devices								
Air Handler	40%			2029	* *	1	$25,200	
Convector/Radiator	60%			2037	* *	1	$19,800	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$47,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$5,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$63,100	
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$71,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,900	
Exhaust Fans								
Roof	100%			2029	* *	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7 - BK

Asset # : 4508

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$23,700	2	$1,500	
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$10,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$53,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$28,600	
Fire Pump								
Generic	100%			2033	* *	1	$19,100	
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 7/I.S. 171 - BK**				
Address	: **528 RIDGEWOOD AVENUE BTWN: LINCOLN AVE - NICHOLS AVE**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K171**	
Program / Asset #	: **BOE0470.000 / 1337**		**Yr Built/Renovated**	: **1912 / 2002**	
Area Sq Ft	: **86,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **27-Jan-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1,2,3,4**				
Block	: **4134**	**Lot** : **20**	**BIN**	: **3092456**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,782,100	$388,400
Interior Architecture	$330,000	$785,200
Electrical	$1,040,100	$565,900
Mechanical	$1,065,600	$78,200
Total	**$4,217,800**	**$1,817,700**
Importance Code A	$1,782,100	$425,400
Importance Code B	$2,435,700	$1,127,800
Importance Code C		$264,600
Total	**$4,217,800**	**$1,817,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$9,900	$8,300		$9,900
Electrical	$14,800	$46,200	$2,700	$2,700
Mechanical	$102,600	$12,200	$20,000	$13,000
Total	**$127,300**	**$66,700**	**$22,600**	**$25,600**
Importance Code A	$8,800	$8,900	$8,800	$8,800
Importance Code B	$118,500	$57,800	$13,800	$16,900
Importance Code C				
Total	**$127,300**	**$66,700**	**$22,600**	**$25,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7/I.S. 171 - BK

Asset # : 1337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$235,600	LIFE	* *	5	$156,100	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Through Areaway								
Masonry: Limestone	5%	Now	$179,600	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Wood	100%	Now	$1,303,700	2048	* *	5	$232,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$11,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,800	
Roof								
Built-Up (BUR)	100%	Now	$63,200	2028	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Library, Auditorium								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$29,000	
Ceramic Tile	5%			2032	* *	5	$6,600	
Mosaic Tile	5%			2028	* *	5	$16,600	
Marble Panels	3%			LIFE	* *	5	$3,000	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	20%	0-2	$225,200	2033	* *	3	$9,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor								
Vinyl Tile	40%			2023	$450,300	3	$26,500	
Wood	12%	Now	$104,800	2038	* *	5	$14,900	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : At Radiators								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7/I.S. 171 - BK

Asset # : 1337

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2026	$227,500	5	$8,200	
Gypsum Board	5%			LIFE	* *	5	$4,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library								
Masonry: Brick	10%			LIFE	* *			
Granite Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$37,100	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Gypsum Board	5%			LIFE	* *	5	$8,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library								
Plaster	85%			LIFE	* *	5	$70,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 310, 410								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	100%			2023	$172,600	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Knife Sw	2%	2-4	$3,600	2048	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Auditorium & Electrical Room								
Molded Case Bkrs	78%			2022	$139,900	5	$1,800	
Molded Case Bkrs	10%			2031	* *	5	$200	
Wiring								
Braided Cloth	65%	2-4	$166,100	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7/I.S. 171 - BK

Asset # : 1337

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	60%			2021	$45,300	5	$300	
Locally Mounted	10%	2-4	$7,600	2043	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Locally Mounted	30%			2028	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	10%			2018	$98,300	10	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	88%			2028	* *	10	$71,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Incandescent	2%			2018	$19,700	2		
Egress Lighting								
Emergency, Battery	50%			2018	$59,700	10	$10,700	
Exit, Service	50%			2018	$11,900	1		
Exterior Lighting								
HID	100%			2018	$324,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$9,600	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2018	$311,800	1-3	$18,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$87,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7/I.S. 171 - BK

Asset # : 1337

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$30,900	2033	* *	4	$4,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Steam Traps, Throughout								
Terminal Devices								
Air Handler	20%	Now	$19,100	2018	$95,400	1	$9,800	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement Fan Room								
Explanation : Ahu's Not In Service For Long Time Due To Ductwork Cut Off At 1st Floor								
Convector/Radiator	80%	0-2	$668,500	2043	* *	1	$20,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Various Areas								
On Extended Life, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	Now	$14,500	2018	$72,700	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Throughout								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$229,100	LIFE	* *	2-5	$49,300	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Damaged Vent Caps On The Roof, Water Leaking To Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Explanation : Ductwork Has Been Cut Off On 1st Floor For Years. extensive Cleaning Needed Before Reusing The System.								
Exhaust Fans								
Interior	80%	Now	$7,800	2023	$78,200	2	$1,700	
Not in Service, Extent : Light, Area Affected : 20%								
Location : Basement								
Roof	10%			2023	$7,000	2	$300	
Wall Unit	10%			2023	$13,400	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%	Now	$18,500	2028	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Rooms # 405, 305, 205, 105								
Water Heater								
Gas Fired	100%			2021	$20,600	2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 7/I.S. 171 - BK

Asset # : 1337

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up In Basement When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2049	* *	1-2	$1,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 70 - BX**		
Address	: **1691 WEEKS AVENUE @ E.173 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X070**
Program / Asset #	: **BOE0211.000 / 470**	**Yr Built/Renovated**	: **1925 / 2003**
Area Sq Ft	: **137,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**		
Block	: **2793** **Lot** : **28**	**BIN**	: **2007387**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$824,300	$475,600
Interior Architecture	$1,474,700	$1,047,200
Electrical	$997,200	$557,900
Mechanical	$354,700	$366,100
Total	**$3,650,900**	**$2,446,800**
Importance Code A	$824,300	$475,600
Importance Code B	$2,637,400	$1,888,100
Importance Code C	$189,200	$83,100
Total	**$3,650,900**	**$2,446,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$22,100		
Interior Architecture				$10,600
Electrical	$13,800	$27,000	$4,200	$2,900
Mechanical	$31,100	$75,600	$33,000	$21,500
Total	**$44,900**	**$124,700**	**$37,200**	**$35,000**
Importance Code A	$14,000	$36,100	$14,300	$14,000
Importance Code B	$30,900	$88,600	$22,900	$21,000
Importance Code C				
Total	**$44,900**	**$124,700**	**$37,200**	**$35,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$102,700	
Masonry: Brick	60%			LIFE	* *	5	$157,800	
Masonry: Brick	30%	Now	$476,100	LIFE	* *	5	$78,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$9,900	
Windows								
Aluminum	100%	Now	$311,400	2039	* *	5	$37,200	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$14,900	
Masonry: Brick	90%			LIFE	* *	5	$17,300	
Roof								
Built-Up (BUR)	30%			2028	* *	10	$22,100	
Metal Panel	5%			2036	* *	10	$6,800	
Panel/Paver: Cer/Brk	35%			2043	* *	10	$34,400	
Paver: Asphalt	15%			2026	$99,000	10	$16,600	
Skylight, Metal/Glass	15%			2049	* *	10	$36,800	
Interior								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$46,300	
Ceramic Tile	5%			2026	$205,300	5	$10,600	
Ceramic Tile	5%			2036	* *	5	$10,600	
Terrazzo	5%	Now	$49,200	LIFE	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor								
Vinyl Tile	10%	Now	$180,100	2033	* *	3	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Cafeteria 9x9 Tiles								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : Cafeteria								
Vinyl Tile	30%	Now	$162,100	2023	$540,400	3	$23,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	5%			2051	* *	5	$19,900	
Wood	30%	Now	$838,500	2038	* *	5	$59,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$72,800	2032	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Ceramic Tile	5%			2036	* *	5	$13,200	
Gypsum Board	25%			LIFE	* *	5	$39,600	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%	Now	$116,400	LIFE	* *	5	$43,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	$5,000	
Plaster	10%	Now	$55,600	LIFE	* *	5	$13,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkheads								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Stair Bulkheads								
Plaster	75%			LIFE	* *	5	$99,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$600	
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$22,400	5	$300	
Molded Case Bkrs	80%			2022	$179,400	5	$2,900	
Molded Case Bkrs	10%			2045	* *	5	$400	
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2049	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	75%			2021	$86,300	5	$700	
Locally Mounted	25%			2036	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$122,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	3%			2031	* *	10	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
Incandescent	3%			2018	$47,200	2	$100	
Egress Lighting								
Exit, Service	50%			2018	$19,100	1		
Exit, Battery	50%			2018	$65,100	10	$4,800	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2018	$519,700	10	$400	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2028	* *	1-3	$29,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$43,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$140,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$49,400	2043	* *	4	$7,000	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	40%			2018	$305,300	1	$35,000	
Convector/Radiator	60%			2028	* *	1	$27,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$174,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$78,900	
Exhaust Fans								
Interior	100%			2023	$156,500	2	$4,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$32,900	2	$2,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX

Asset # : 470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$9,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2028	* *	4		
Unit Inoperable, Extent : Light, Area Affected : 100%								
Location : Pool Not In Use								
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 70 - BX MINISCHOOL**				
Address	: **1691 WEEKS AVENUE WEEKS AVENUE & E. 173 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X870**
Program / Asset #	: **BOE0211.010 / 2591**			**Yr Built/Renovated**	: **1970 / 2007**
Area Sq Ft	: **7,120**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Oct-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2793**	**Lot**	: **28**	**BIN**	: **2007387**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$127,300	
Interior Architecture		$167,800
Electrical	$80,400	$94,200
Mechanical	$93,300	
Total	**$301,000**	**$262,000**
Importance Code A	$127,300	
Importance Code B	$173,700	$262,000
Total	**$301,000**	**$262,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,100			
Interior Architecture	$1,500	$100		$1,200
Electrical	$400	$38,400	$400	$300
Mechanical	$400	$1,500	$1,600	$400
Total	**$10,300**	**$40,000**	**$2,000**	**$1,900**
Importance Code A	$8,400	$400	$400	$400
Importance Code B	$1,900	$39,700	$1,600	$1,500
Importance Code C				
Total	**$10,300**	**$40,000**	**$2,000**	**$1,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX MINISCHOOL

Asset # : 2591

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2049	* *	5-10	$76,700	
Windows								
Aluminum	100%	Now	$71,500	2048	* *	5	$900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Spray-on Foam	100%	Now	$8,100	2028	* *	5	$14,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	4%			LIFE	* *	5	$900	
Ceramic Tile	5%			2032	* *	5	$500	
Mosaic Tile	1%			2028	* *	5	$300	
Vinyl Tile	90%			2023	$82,900	3	$4,900	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$1,000	
Metal Panel	75%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2021	$84,900	5	$10,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$48,900	5		
Raceway								
Conduit	95%			2023	$13,200	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$2,200	5		
Molded Case Bkrs	90%			2022	$20,200	5	$200	
Wiring								
Thermoplastic	95%			2023	$17,600	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2018	$80,400	10	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX MINISCHOOL

Asset # : 2591

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Exit, Service	50%			2018	$1,000	1		
Exit, Battery	50%			2018	$3,300	10	$200	
Exterior Lighting								
HID	100%			2018	$26,900	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2031	* *	1-3	$3,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2023	$8,800	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Duct Mounted								
Explanation : 2 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,000	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%	2-4	$93,300	2028	* *	2	$400	
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Mechanical Room, A C Units								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units Associated With 2 Gas Fired Furnaces								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,000	
Exhaust Fans								
Roof	100%			2023	$5,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Electric	100%			2018	$1,100	4	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 70 - BX MINISCHOOL

Asset # : 2591

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 71 - BX**
Address : **3040 ROBERTS AVENUE @HOBART AVE.**
Borough : **BRONX** | **Agency's Number** : **X071**
Program / Asset # : **BOE0212.000 / 471** | **Yr Built/Renovated** : **1925 / 2000**
Area Sq Ft : **110,000** | **Project Type** : **EDUCATION**
Date of Survey : **03-Jan-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **4171** **Lot** : **1** | **BIN** : **2046140**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$134,800	$267,100
Interior Architecture		$1,231,500
Electrical	$684,000	$381,900
Mechanical	$677,700	$118,800
Total	**$1,496,500**	**$1,999,400**
Importance Code A	$134,800	$267,100
Importance Code B	$1,361,700	$1,679,700
Importance Code C		$52,500
Total	**$1,496,500**	**$1,999,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$29,400	$29,100
Interior Architecture	$27,300	$16,100	$32,600	
Electrical	$4,100	$3,100	$32,400	$4,200
Mechanical	$19,200	$19,000	$85,100	$17,000
Total	**$50,600**	**$38,200**	**$179,500**	**$50,300**
Importance Code A	$11,200	$11,200	$40,600	$40,600
Importance Code B	$34,300	$26,900	$138,800	$9,700
Importance Code C	$5,100			
Total	**$50,600**	**$38,200**	**$179,500**	**$50,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$82,100	
Masonry: Brick	88%			LIFE	* *	5	$185,000	
Masonry: Granite	5%			LIFE	* *	5	$7,900	
Masonry: Marble	2%			LIFE	* *	5	$3,200	
Windows								
Aluminum	98%			2040	* *	5	$58,200	
Glass Block	2%			LIFE	* *	5	$700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,900	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$6,000	
Masonry: Brick	85%			LIFE	* *	5	$13,100	
Roof								
Built-Up (BUR)	50%			2029	* *	10	$29,400	
Built-Up (BUR)	50%	Now	$134,800	2034	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Roof Over North And South Wings								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Roof Over North And South Wings								
Interior								
Floors								
Asphalt Poured	2%			2029	* *	5	$1,700	
Terrazzo	2%			LIFE	* *	5	$2,600	
Vinyl Tile	76%			2024	$1,094,400	3	$48,300	
Wood	20%			2039	* *	5	$63,500	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$50,600	
Plaster	3%	Now	$5,100	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair G								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Stair G								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair G								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$5,300	
Plaster	75%			LIFE	* *	5	$79,400	
Plaster	5%	Now	$22,200	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stair G								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Stair G								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Raceway								
Conduit	80%			2024	$166,900	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$300	
Molded Case Bkrs	90%			2046	* *	5	$2,600	
Wiring								
Braided Cloth	30%	2-4	$89,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	99%			2029	* *	10	$102,700	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Battery	50%			2019	$76,300	10	$13,700	
Exit, Service	50%			2019	$15,300	1		
Exterior Lighting								
HID	100%			2019	$415,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$99,800	1	$12,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$21,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Manual Pull Stations And Strobe Lights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$112,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$8,400	
Terminal Devices								
Convector/Radiator	60%			2029	* *	1	$21,900	
Fan Coil Unit/Heat	40%			2019	$677,700	1	$14,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$23,300	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$63,100	
Exhaust Fans								
Interior	95%	Now	$2,400	2024	$118,800	2	$2,600	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Auditorium Fan								
Roof	5%	Now	$500	2024	$4,500	2	$100	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2034	* *	1		
Galv Iron/Steel	90%			2029	* *	1		
Water Heater								
Gas Fired	100%			2019	$26,300	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 71 - BX

Asset # : 471

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,600	
Chemical System								
Wet	10%			2019	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul System								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 72 - BX**		
Address	: **2951 DEWEY AVENUE @EDISON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **X072**
Program / Asset #	: **BOE0213.000 / 472**	**Yr Built/Renovated**	: **1925 / 2011**
Area Sq Ft	: **101,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5440** **Lot** : **1**	**BIN**	: **2077162**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$298,700	$269,700
Interior Architecture	$528,900	$43,700
Electrical	$351,900	$1,894,900
Mechanical	$404,600	$562,700
Total	**$1,584,100**	**$2,770,900**
Importance Code A	$298,700	$311,700
Importance Code B	$1,285,400	$2,459,200
Total	**$1,584,100**	**$2,770,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$24,400	
Interior Architecture	$75,400	$2,900	$41,300	$6,800
Electrical	$16,600	$13,900	$10,900	$15,300
Mechanical	$34,600	$23,800	$52,500	$25,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$134,500**	**$48,500**	**$137,000**	**$55,200**
Importance Code A	$9,500	$9,800	$34,400	$9,800
Importance Code B	$109,400	$35,800	$102,700	$45,400
Importance Code C	$15,500	$2,900		
Total	**$134,500**	**$48,500**	**$137,000**	**$55,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$64,400	
Masonry: Brick	60%	Now	$298,700	LIFE	* *	5	$99,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
Location : South Side								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floors, South Side								
Masonry: Brick	30%			LIFE	* *	5	$49,500	
Masonry: Granite	5%			LIFE	* *	5	$6,200	
Windows								
Aluminum	95%			2046	* *	5	$46,600	
Glass Block	5%			LIFE	* *	5	$1,500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,400	
Concrete Masonry Unit	15%			LIFE	* *	5	$3,600	
Masonry: Brick	50%			LIFE	* *	5	$10,600	
Masonry: Brick	15%			LIFE	* *	5	$3,200	
Metal Panel	10%			2044	* *	5	$8,200	
Roof								
Built-Up (BUR)	70%			2032	* *	10	$56,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1925 Wing								
IRMA/Protected Membrane	25%			2029	* *	10	$20,300	
Metal Panel	5%			2041	* *	10	$7,400	
Interior								
Floors								
Cast in Place Concrete	6%			LIFE	* *	5	$20,400	
Ceramic Tile	2%	Now	$18,100	2027	* *	5	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Toilet(s)								
Marble Panels	2%			LIFE	* *	5	$2,300	
Vinyl Tile	40%			2019	$528,900	3	$23,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Corridor								
Explanation : 9 X 9 Tiles								
Vinyl Tile	35%			2032	* *	3	$27,200	
Wood	15%			2039	* *	5	$43,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$5,800	
Concrete Masonry Unit	20%			LIFE	* *	5	$15,500	
Masonry: Brick	8%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	10%	Now	$15,500	LIFE	* *	5	$5,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads, Stairs, Third Floor Old Wing								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bulkheads, Stairs, Third Floor Old Wing								
Plaster	32%			LIFE	* *	5	$18,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$23,300	
AcousTileConcealSpLn	15%			2037	* *	5	$29,200	
AcousTileSusp.Lay-In	25%			2041	* *	5	$38,900	
Plaster	10%	Now	$20,400	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bulkheads, Third Floor Class Rooms								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads								
Plaster	35%			LIFE	* *	5	$34,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$42,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	15%			2044	* *	5	$100	
Fused Disc Sw	85%			2024	$166,200	5	$400	
Raceway								
Conduit	60%			2024	$125,200	1		
Conduit	40%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$200	
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	40%			2040	* *	5	$1,100	
Molded Case Bkrs	40%			2023	$71,800	5	$1,100	
Wiring								
Thermoplastic	60%			2024	$179,000	1		
Thermoplastic	40%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	65%			2022	$74,800	5	$400	
Locally Mounted	30%			2029	* *	5	$200	
Locally Mounted	5%	0-2	$5,800	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$31,100	
Generators								
Diesel	100%			2033	* *	1	$39,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 150 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$3,700	
Fuel Storage								
Day Tank	50%			2040	* *	5	$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Capacity								
Main Tank	50%			2052	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	55%			2024	$634,700	10	$52,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Building								
Explanation : T-12 Lamps								
Fluorescent	40%			2029	* *	10	$38,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Incandescent	5%			2024	$57,700	2	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$381,400	10	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$91,700	1	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System , Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2019	$313,800	1-3	$18,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Furnace	10%	Now	$300	2024	$12,700	1	$4,600	
Damaged, Extent : Light, Area Affected : 10%								
Location : Insulation On Unit								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : 1 Unit								
Steam Boiler	90%			2037	* *	1	$92,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement Boiler Room								
Explanation : 2 Heat Exchangers Used To Convert Steam To Hot Water								
Distribution								
Hot Wtr Piping/Pump	30%			2032	* *	4	$1,500	
Steam Piping/Pump	70%	Now	$50,800	2034	* *	4	$3,600	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Air Handler	30%			2024	$168,100	1	$19,300	
Convector/Radiator	50%			2029	* *	1	$16,800	
Fan Coil Unit/Heat	20%	0-2	$15,600	2019	$311,100	1	$6,000	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2024	$105,800	1	$14,500	
R-22 Refrigerant, Extent : Light, Area Affected : 30% Location : Penthouse								
Window/Wall Unit	20%			2019	$42,700	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	30%			2034	* *	4	$2,300	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2024	$66,200	1	$19,300	
No Component	70%							
Heat Rejection								
Air Condenser Unit	30%			2024	$31,100	2	$21,700	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$40,500	
No Component	30%							
Exhaust Fans								
Interior	60%			2024	$68,900	2	$1,900	
Roof	10%			2029	* *	2	$300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%			2022	$93,100	1		
Water Heater								
Gas Fired	100%			2019	$24,200	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 72 - BX

Asset # : 472

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1, 2, 3								
Explanation : Two Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2044	* *	1-5	$16,300	
Sprinkler								
No Component	95%							
Generic	5%			2024	$60,700	1-2	$1,500	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 721 - Q (OTC-OL 16)**				
Address	: **41-15 104 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q721**
Program / Asset #	: **BOE0893.000 / 1459**			**Yr Built/Renovated**	: **1907 / 2010**
Area Sq Ft	: **126,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Nov-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **1985**	**Lot**	: **1**	**BIN**	: **4048820**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$323,100
Interior Architecture		$206,100
Electrical	$118,900	$627,300
Mechanical		$621,500
Total	**$118,900**	**$1,778,000**
Importance Code A		$323,100
Importance Code B	$118,900	$1,321,500
Importance Code C		$133,300
Total	**$118,900**	**$1,778,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,400		$32,700	
Interior Architecture	$8,500		$21,800	
Electrical	$16,800	$14,300	$13,900	$13,000
Mechanical	$44,700	$57,400	$47,100	$40,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$119,300**	**$79,600**	**$123,400**	**$61,300**
Importance Code A	$53,000	$11,800	$44,200	$11,600
Importance Code B	$62,700	$67,800	$79,200	$49,800
Importance Code C	$3,600			
Total	**$119,300**	**$79,600**	**$123,400**	**$61,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 - Q (OTC-OL 16)

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	$113,400	
Masonry: Brick	22%			LIFE	* *	5	$49,900	
Masonry: Brick	20%			LIFE	* *	5	$45,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : East Facade Of 1906 Wing								
Masonry: Limestone	5%			LIFE	* *	5	$8,500	
Pre-Cast Concrete	3%			LIFE	* *	5	$22,100	
Windows								
Aluminum	100%			2039	* *	5	$65,300	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$15,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1906 And 1931 Wings								
Metal Rail	20%			2036	* *	5-10	$76,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$6,700	
Roof								
Built-Up (BUR)	75%	Now	$27,800	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Over Auditorium								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 1906 And 1931 Wings								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Auditorium								
Single Ply Membrane	25%	Now	$13,600	2023	$68,100			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Second Floor Of 1998 Wing								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 1998 Wing								
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$9,700	
Vinyl Tile	90%			2028	* *	3	$65,500	
Wood	5%			2051	* *	5	$18,200	
Interior Walls								
Ceramic Tile	2%			2026	$133,300	5	$4,800	
Ceramic Tile	3%			2032	* *	5	$7,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$14,500	
Gypsum Board	10%			LIFE	* *	5	$14,500	
Plaster	45%			LIFE	* *	5	$32,600	
SGFT/Glazed Masonry	25%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P. S. 721 - Q (OTC-OL 16)

Asset # : 1459

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	10%			2036	* *	5	$24,200	
AcousTileSusp.Lay-In	25%			2036	* *	5	$48,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Second Floor Corridor Of 1998 Wing								
Gypsum Board	5%			LIFE	* *	5	$12,100	
Plaster	60%			LIFE	* *	5	$72,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : High Pressure Contact Switch Rated @ 3000 Amperes								
Transformers								
Dry Type	100%			2036	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Step Up Transformer Rated @ 750 Kva, 208/460 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2043	* *	5	$500	
Molded Case Bkrs	10%			2043	* *	5	$300	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	20%			2039	* *	5	$600	
Molded Case Bkrs	80%			2039	* *	5	$2,700	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$800	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Mechanical Room								
Explanation : Covered With Insulation And Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$38,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 - Q (OTC-OL 16)

Asset # : 1459

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2026	$121,400	1	$48,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @ 260 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$4,700	
Fuel Storage								
Day Tank	50%			2031	* *	5	$12,000	
Main Tank	50%			2038	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$118,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	100%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$114,400	1	$14,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$391,500	1-3	$24,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2043	* *	1		
Interruptible Gas/Dual Fuel	80%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 - Q (OTC-OL 16)

Asset # : 1459

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	20%			2028	* *	1	$12,800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Wing Roof								
Explanation : 3 Roof Top Units								
Steam Boiler	80%			2036	* *	1	$102,700	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2033	* *	4	$7,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Various Areas, Old Wing								
No Component	20%							
Terminal Devices								
Air Handler	30%			2023	$209,600	1	$24,000	
Convector/Radiator	50%			2028	* *	1	$20,900	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2028	* *	1	$30,100	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : A C Room								
Ext Pkg Unit - Heating/Cooling	20%			2028	* *	2	$1,600	
No Component	30%							
Distribution								
Chilled Wtr Pipe/Pump	50%			2033	* *	4	$4,800	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2023	$192,700	1	$40,100	
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2028	* *	2	$45,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,300	
Exhaust Fans								
Interior	50%			2023	$71,600	2	$2,000	
Roof	50%			2023	$51,500	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 721 - Q (OTC-OL 16)
Asset # : 1459

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$30,200	2	$1,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Roof, On Top Of Generator Room								
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2023	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement								
Backflow Preventer								
Generic	100%			2028	* *	1	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : Old Ring, B-4								
Explanation : 1 Unit								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : New Ring, 1-2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$65,300	
Sprinkler								
Generic	100%			2043	* *	1-2	$36,300	
Fire Pump								
Generic	100%			2026	$96,000	1	$24,200	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 721 AX (O T C) -BX**		
Address	: **2697 WESTCHESTER AVENUE @WATERS PL.**		
Borough	: **BRONX**	**Agency's Number**	: **X722**
Program / Asset #	: **BOE0337.000 / 327**	**Yr Built/Renovated**	: **1979 / 2005**
Area Sq Ft	: **53,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **15-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4133** **Lot** : **200**	**BIN**	: **2045725**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$51,300	
Interior Architecture	$595,600	$602,900
Electrical		$946,500
Mechanical		$1,303,500
Total	**$646,900**	**$2,852,900**
Importance Code A	$51,300	
Importance Code B	$595,600	$2,852,900
Total	**$646,900**	**$2,852,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$700		$4,800
Interior Architecture	$28,100			$8,200
Electrical	$4,700	$11,900	$4,900	$4,700
Mechanical	$35,000	$44,000	$28,200	$15,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$71,800**	**$60,600**	**$37,000**	**$36,600**
Importance Code A	$5,400	$6,200	$5,400	$10,300
Importance Code B	$48,500	$54,400	$31,600	$26,400
Importance Code C	$17,900			
Total	**$71,800**	**$60,600**	**$37,000**	**$36,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 721 AX (O T C) -BX

Asset # : 327

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$22,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$5,700	
Masonry: Brick	70%			LIFE	* *	5	$31,700	
Windows								
Aluminum	95%			2045	* *	5	$9,700	
Metal Louvers	5%			2032	* *	10	$3,200	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5	$1,700	
Metal Panel	5%			2043	* *	5	$1,400	
Metal: Cage/Fence	75%			2036	* *	5-10	$43,100	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$51,300	
Metal Panel	5%			2036	* *	10	$4,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$17,900	
Ceramic Tile	5%			2032	* *	5	$4,100	
Quarry Tile	5%			2036	* *	5	$6,100	
Vinyl Tile	80%			2023	$556,900	3	$32,700	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$3,600	
Concrete Masonry Unit	80%			LIFE	* *	5	$23,200	
Concrete Masonry Unit	5%	Now	$16,100	LIFE	* *	5	$1,400	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Stair C								
Plaster	10%			LIFE	* *	5	$2,200	
Ceilings								
AcousTileConcealSpLn	90%	0-2	$595,600	2043	* *	5	$46,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$1,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 AX (O T C) -BX

Asset # : 327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$200	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$100	
Molded Case Bkrs	90%			2031	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$200	
Motor Control Center	50%			2028	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$16,300	
Generators								
Diesel	100%			2026	$121,400	1	$20,500	
Batteries								
Lead/Acid	100%			2018	$1,500	5	$2,000	
Fuel Storage								
Day Tank	50%			2031	* *	5	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 50 Gallons								
Main Tank	50%			2038	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 AX (O T C) -BX

Asset # : 327

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2023	$577,200	10	$47,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2023	$21,800	10	$100	
Egress Lighting								
Emergency, Service	50%			2023	$13,500	1		
Exit, Service	25%			2028	* *	1		
Exit, Service	25%			2018	$3,700	1		
Exterior Lighting								
HID	100%			2023	$200,200	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$4,000	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2031	* *	1-3	$6,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$16,900	
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$54,200	
Not Energy Efficient, Extent : Light, Area Affected : 10%								
Location : No Hot Water Heater, Boiler Has To Run All Summer								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2022	$109,900	4	$1,600	
Steam Piping/Pump	60%	Now	$4,600	2033	* *	4	$1,600	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Terminal Devices								
Air Handler	40%			2023	$118,000	1	$13,500	
Convector/Radiator	50%			2028	* *	1	$8,800	
Fan Coil Unit/Heat	10%			2023	$81,900	1	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 AX (O T C) -BX

Asset # : 327

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2023	$185,700	1	$25,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2033	* *	4	$4,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2023	$432,900	1	$33,800	
Heat Rejection								
Remote Air Cond	100%			2023	$326,800	2	$38,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,500	
Exhaust Fans								
Interior	80%			2023	$48,400	2	$1,300	
Roof	20%			2023	$8,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$3,300	2043	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Basement								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : 2nd Floor Toilets								
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$8,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$27,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 721 AX (O T C) -BX

Asset # : 327

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2033	* *	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL**
Address : **155 TOMPKINS AVENUE @ VANDERBILT AVE**
Borough : **STATEN ISLAND** | **Agency's Number** : **R722**
Program / Asset # : **BOE0955.000 / 1205** | **Yr Built/Renovated** : **1978 / 1993**
Area Sq Ft : **57,700** | **Project Type** : **EDUCATION**
Date of Survey : **30-Jan-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **534** **Lot** : **75** | **BIN** : **5013955**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$279,100	$494,400
Interior Architecture	$273,300	$42,300
Electrical		$217,900
Mechanical		$1,330,800
Total	**$552,500**	**$2,085,500**
Importance Code A	$279,100	$494,400
Importance Code B	$273,300	$1,591,100
Total	**$552,500**	**$2,085,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,500		$5,400	
Interior Architecture	$71,100		$4,900	$10,000
Electrical	$12,400	$5,100	$7,300	$5,100
Mechanical	$47,300	$13,500	$25,600	$17,900
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$175,100**	**$30,400**	**$55,100**	**$44,900**
Importance Code A	$38,400	$5,900	$11,300	$5,900
Importance Code B	$94,900	$24,500	$38,900	$39,000
Importance Code C	$41,800		$4,900	
Total	**$175,100**	**$30,400**	**$55,100**	**$44,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL

Asset # : 1205

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$148,800	LIFE	* *	5	$49,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$46,400	2042	* *	5	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Insect Screens Torn								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$10,300	LIFE	* *	5	$6,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%	Now	$83,900	LIFE	* *	5	$7,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	95%	Now	$22,300	2026	$445,100			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	5%			2039	* *	10	$5,400	
Interior								
Floors								
Cast in Place Concrete	5%	0-2	$2,300	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	Now	$17,300	2029	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	90%	Now	$136,400	2031	* *	3	$30,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	54%			LIFE	* *	5	$34,100	
Folding Partition	5%			2034	* *	5	$9,900	
Marble Panels	1%			LIFE	* *	10	$300	
SGFT/Glazed Masonry	40%	2-4	$24,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL

Asset # : 1205

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$136,900	2039	* *	5	$42,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5-10	$15,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2036	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2036	* *	5	$200	
Molded Case Bkrs	30%			2036	* *	5	$500	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$100	
Molded Case Bkrs	90%			2034	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$17,800	
Generators								
Diesel	100%			2029	* *	1	$22,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 205 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$12,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL

Asset # : 1205

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2041	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 300 Gallon Tank								
Lighting								
Interior Lighting								
LED	100%			2036	* *			
Egress Lighting								
Emergency, Service	50%			2026	$14,600	1		
Exit, Service	50%			2026	$8,000	1		
Exterior Lighting								
HID	100%			2026	$217,900	10	$200	
Alarm								
Security System								
No Component	50%							
Generic	50%			2031	* *	1	$10,800	
Fire/Smoke Detection								
No Component	20%							
Generic, Digital	80%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2046	* *	5	$18,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2- 7500 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$59,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2034	* *	4	$2,200	
Steam Piping/Pump	50%			2036	* *	4	$1,500	
Terminal Devices								
Air Handler	20%			2026	$64,200	1	$7,400	
Convector/Radiator	50%			2039	* *	1	$9,600	
Fan Coil Unit/Heat	30%			2031	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL

Asset # : 1205

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$3,000	2031	* *	1	$7,500	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Ext Pkg Unit - Cooling	20%			2026	$55,000	2	$700	
Window/Wall Unit	30%			2021	$36,700	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$2,900	
Terminal Devices								
Fan Coil - Cool/Heat	100%			2026	$901,900	1	$19,200	
Heat Rejection								
Air Condenser Unit	100%	Now	$4,800	2021	$95,200	2	$33,200	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Roof (1 Of 2 Defective Condenser Coil)								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,600	
Exhaust Fans								
Interior	30%			2031	* *	2	$500	
Roof	70%			2031	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$8,900	2024	$177,900	1		
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Throughout								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$5,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Compressed Air	100%			2036	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All Floors								
Explanation : 3 Passenger Elevators From Bsmt - 3								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 722 - SI (OCC TRAIN CTR) HUNGERFORD SCHOOL

Asset # : 1205

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2046	* *	1-5	$18,000	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$1,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 73 - BX**				
Address	: **1020 ANDERSON AVENUE @ E.165 ST.**				
Borough	: **BRONX**			**Agency's Number**	: **X073**
Program / Asset #	: **BOE0214.000 / 474**			**Yr Built/Renovated**	: **1926 / 2001**
Area Sq Ft	: **77,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **2504**	**Lot**	: **82**	**BIN**	: **2003051**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$937,700	$73,800
Interior Architecture	$1,194,200	$607,900
Electrical	$766,300	$999,400
Mechanical	$295,700	$598,900
Total	**$3,193,900**	**$2,280,000**
Importance Code A	$937,700	$73,800
Importance Code B	$1,884,500	$2,206,200
Importance Code C	$371,600	
Total	**$3,193,900**	**$2,280,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$85,800			
Interior Architecture	$68,700	$3,000		$11,800
Electrical	$100	$300	$800	$10,100
Mechanical	$12,400	$11,000	$23,300	$57,900
Total	**$167,000**	**$14,300**	**$24,100**	**$79,800**
Importance Code A	$93,600	$7,800	$7,800	$8,000
Importance Code B	$50,200	$3,500	$16,300	$71,800
Importance Code C	$23,200	$3,000		
Total	**$167,000**	**$14,300**	**$24,100**	**$79,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	2-4	$30,700	LIFE	* *	5	$33,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	85%	Now	$668,200	LIFE	* *	5	$73,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Lintels								
Masonry: Granite	5%	4+	$25,700	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Marble	2%	2-4	$10,000	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	3%			LIFE	* *	5	$8,500	
Windows								
Aluminum	100%	2-4	$62,300	2041	* *	5	$14,900	
Caulking Deteriorated, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	2-4	$15,800	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	90%	4+	$105,200	LIFE	* *	5	$9,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$3,600	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Roof								
Built-Up (BUR)	100%	2-4	$102,100	2030	* *			2
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	Now	$3,100	LIFE	* *	5	$12,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	$22,900	2028	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	2-4	$42,800	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	55%	2-4	$110,600	2025	$552,900	3	$24,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	25%	2-4	$65,100	2020	$325,600	3	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	5%	4+	$19,500	2040	* *	5	$5,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$37,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	5%			2028	* *	5	$6,000	
Masonry: Brick	10%	Now	$23,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$47,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$286,500	LIFE	* *	5	$26,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	25%	2-4	$47,200	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	75%	Now	$231,200	LIFE	* *	5	$55,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2045	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5	$300	
Raceway								
Conduit	90%			2025	$111,500	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	70%			2024	$94,200	5	$1,400	
Molded Case Bkrs	10%			2047	* *	5	$200	
Molded Case Bkrs	10%			2041	* *	5	$200	
Wiring								
Braided Cloth	90%	2-4	$156,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	70%			2023	$52,900	5	$400	
Locally Mounted	30%			2038	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	78%			2025	$684,400	10	$56,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2033	* *	10	$14,500	
T-8 Lamps, Extent : Moderate, Area Affected : 20%								
Location : Basement And Hallways								
HID	2%			2025	$12,600	10	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$9,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$290,800	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2020	$319,000			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$24,500	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$78,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$3,900	
Terminal Devices								
Air Handler	15%			2025	$63,900	1	$7,300	
Convector/Radiator	60%			2023	$447,700	1	$15,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2020	$295,700	1	$6,400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2020	$16,200	1		
No Component	90%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX

Asset # : 474

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,000	
Exhaust Fans								
Interior	100%			2025	$87,300	2	$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$18,400	2	$1,200	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$7,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$1,100	2025	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Basement								
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Only								
Explanation : Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2025	$18,400	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 73 - BX MINISCHOOL**				
Address	: **1020 ANDERSON AVENUE @ W.164 ST**				
Borough	: **BRONX**			**Agency's Number**	: **X073**
Program / Asset #	: **BOE0214.010 / 4378**			**Yr Built/Renovated**	: **1969 /**
Area Sq Ft	: **6,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **07-Oct-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2504**	**Lot**	: **82**	**BIN**	: **2003051**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$100,200	
Interior Architecture	$95,600	
Electrical	$62,100	$94,200
Mechanical		$78,600
Total	**$258,000**	**$172,800**
Importance Code A	$100,200	
Importance Code B	$157,700	$172,800
Total	**$258,000**	**$172,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,800			
Interior Architecture	$36,200			$1,100
Electrical			$100	$5,700
Mechanical	$3,000	$300	$900	$1,700
Total	**$93,000**	**$300**	**$1,000**	**$8,500**
Importance Code A	$54,100	$300	$300	$300
Importance Code B	$18,800		$700	$8,200
Importance Code C	$20,100			
Total	**$93,000**	**$300**	**$1,000**	**$8,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX MINISCHOOL

Asset # : 4378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	2-4	$5,300	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	50%	Now	$58,100	LIFE	* *	5	$2,900	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Metal Panel	45%	Now	$30,400	2055	* *	5	$7,900	1
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$18,100	2033	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : South Facade								
Roof								
Metal Panel	100%	Now	$42,100	2038	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Mosaic Tile	5%	Now	$8,200	2038	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Entrances								
Vinyl Tile 9" X 9"	95%			2020	$95,600	3	$4,300	
Interior Walls								
Concrete Masonry Unit	50%	2-4	$9,000	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	50%	Now	$11,100	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX MINISCHOOL

Asset # : 4378

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$3,600	2045	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Mechanical Room								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Room								
AcousTileSusp.Lay-In	90%	0-2	$3,200	2030	* *	5	$4,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical And Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	$48,900	5	$200	
Raceway								
Conduit	100%			2025	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2024	$22,400	5	$200	
Wiring								
Thermoplastic	100%			2025	$18,500	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$5,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$4,100	10	$700	
Exit, Service	50%			2025	$800	1		
Exterior Lighting								
HID	100%			2033	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2020	$62,100			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 73 - BX MINISCHOOL

Asset # : 4378

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$78,600	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mech Room								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$2,600	LIFE	* *	2-5	$3,400	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Dampers - Various Areas								
Exhaust Fans								
Interior	100%			2025	$6,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$1,400	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.**
Address : **211 DANIEL LOW TERRACE BTWN BENZIGER AVE - CORSON AVE**
Borough : **STATEN ISLAND** | **Agency's Number** : **R831**
Program / Asset # : **BOE0957.000 / 1181** | **Yr Built/Renovated** : **1920 / 2008**
Area Sq Ft : **31,000** | **Project Type** : **EDUCATION**
Date of Survey : **10-Oct-2012** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **18** **Lot** : **6** | **BIN** : **5000290**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$418,500	$77,100
Interior Architecture	$62,800	
Electrical	$192,800	$157,900
Total	**$674,100**	**$234,900**
Importance Code A	$418,500	$77,100
Importance Code B	$255,600	$157,900
Total	**$674,100**	**$234,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$4,600	$1,900		$4,600
Electrical	$13,500	$600	$69,400	$700
Mechanical	$27,200	$4,600	$12,700	$5,400
Total	**$45,300**	**$7,100**	**$82,100**	**$10,700**
Importance Code A	$11,000	$2,700	$2,700	$2,700
Importance Code B	$34,300	$2,500	$79,400	$8,000
Importance Code C		$1,900		
Total	**$45,300**	**$7,100**	**$82,100**	**$10,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.

Asset # : 1181

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$35,800	
Masonry: Brick	90%			LIFE	* *	5	$41,300	
Windows								
Aluminum	100%	Now	$418,500	2049	* *	5	$5,000	1
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,500	
Masonry: Brick	90%			LIFE	* *	5	$5,200	
Roof								
Built-Up (BUR)	100%			2034	* *	10	$27,200	
Interior								
Floors								
Ceramic Tile	5%	Now	$2,000	2033	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Quarry Tile	5%			2037	* *	5	$3,100	
Vinyl Tile	90%	Now	$62,800	2029	* *	3	$13,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2033	* *	5	$3,800	
Gypsum Board	15%			LIFE	* *	5	$6,800	
Plaster	80%			LIFE	* *	5	$18,200	
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	$2,100	
Exposed Concrete	15%			LIFE	* *	5	$1,000	
Plaster	80%			LIFE	* *	5	$20,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.

Asset # : 1181

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$8,300	2054	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$100	
Raceway								
Conduit	85%			2034	* *	1		
Conduit	10%			2044	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$7,500	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$700	
Wiring								
Braided Cloth	75%	2-4	$49,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2034	* *	1		
Thermoplastic	5%			2050	* *	1		
Motor Controllers								
Locally Mounted	90%			2022	$40,800	5	$200	
Locally Mounted	10%	2-4	$4,500	2044	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
Fluorescent	83%			2029	* *	10	$20,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	10%			2019	$30,500	10	$2,500	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement								
HID	2%			2019	$4,400	10		
Incandescent	5%			2019	$15,200	2		
Egress Lighting								
Emergency, Battery	50%			2019	$18,500	10	$3,300	
Exit, Service	50%			2019	$3,700	1		
Exterior Lighting								
HID	100%			2024	$117,100	10	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.

Asset # : 1181

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$112,400	1-3	$6,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2034	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 5,000 Gal. Tank								
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$27,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,100	2034	* *	4	$1,400	
Corroded, Extent : Severe, Area Affected : 10%								
Location : Condensate Return								
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Convector/Radiator	100%	Now	$9,600	2029	* *	1	$8,000	
Damaged, Extent : Severe, Area Affected : 30%								
Location : Thermostats, Throughout								
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%			2022	$28,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,300	
Exhaust Fans								
Roof	100%			2032	* *	2	$800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2023	$6,400	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 74 - SI FUTURE LEADERS ELEMENTARY SCH.

Asset # : 1181

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Boiler Make Up Line							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$400	
Chemical System								
Dry	20%			2019	$5,200	1-3	$10,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fire Extinguishers							
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS**
Address : **1664 BENSON AVENUE BTWN: BAY 14 ST., 17 AVE.**
Borough : **BROOKLYN**
Agency's Number : **K748**
Program / Asset # : **BOE0463.000 / 1332**
Yr Built/Renovated : **1909 / 2007**
Area Sq Ft : **58,748**
Project Type : **EDUCATION**
Date of Survey : **23-Oct-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **6399** **Lot** : **26**
BIN : **3167623**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$141,700	$89,900
Interior Architecture	$476,200	$83,700
Electrical		$933,400
Mechanical		$220,900
Total	**$617,900**	**$1,327,800**
Importance Code A	$141,700	$89,900
Importance Code B	$423,600	$1,237,900
Importance Code C	$52,600	
Total	**$617,900**	**$1,327,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$37,900		$3,500	
Interior Architecture	$96,700	$1,700		$5,700
Electrical	$8,900	$600	$600	$1,000
Mechanical	$23,700	$8,600	$10,000	$10,100
Total	**$167,200**	**$10,900**	**$14,100**	**$16,700**
Importance Code A	$44,000	$6,000	$9,400	$6,000
Importance Code B	$88,700	$4,900	$4,700	$10,800
Importance Code C	$34,500			
Total	**$167,200**	**$10,900**	**$14,100**	**$16,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	40%			LIFE	* *		5	$84,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%									
Location : Throughout									
Masonry: Brick	45%			LIFE	* *		5	$95,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Masonry: Granite	5%			LIFE	* *		5	$7,900	
Masonry: Limestone	10%			LIFE	* *		5	$15,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%									
Location : Throughout									
Windows									
Aluminum	100%			2042	* *		5	$30,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 1%									
Location : Throughout									
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Throughout									
Parapets									
Masonry: Brick	90%			LIFE	* *		5-10	$60,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Masonry: Limestone	10%			LIFE	* *		5-10	$12,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Roof									
Built-Up (BUR)	85%			2031	* *		10	$32,100	
Built-Up (BUR)	10%			2036	* *		10	$3,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Metal Panel	5%			2039	* *		10	$3,500	
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$27,700	
Mosaic Tile	3%	Now	$32,500	2031	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	5%	Now	$11,500	2021	$38,500	3	$1,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	45%	Now	$34,600	2031	* *	3	$15,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%			2036	* *	3	$5,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	25%	Now	$298,300	2041	* *	5	$21,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Classrooms Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$31,100	2029	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$3,400	
Plaster	85%			LIFE	* *	5-10	$81,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceilings								
AcousTile,Adhered	5%	Now	$4,200	2031	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	5%	0-2	$1,800	2039	* *	5	$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5-10	$11,300	
Plaster	80%			LIFE	* *	5-10	$124,400	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2026	$6,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Fused Disc Sw	70%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	60%			2026	$88,000	5	$200	
Fused Disc Sw	40%			2052	* *	5	$100	
Raceway								
Conduit	95%			2026	$117,700	1		
Conduit	5%			2052	* *	1		
Panelboards								
Fused Disc Sw	5%			2048	* *	5	$100	
Fused Disc Sw	10%			2025	$10,500	5	$100	
Molded Case Bkrs	65%			2025	$68,000	5	$1,000	
Molded Case Bkrs	20%			2048	* *	5	$300	
Wiring								
Thermoplastic	80%			2026	$139,100	1		
Thermoplastic	20%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$45,300	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2036	* *	10	$55,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2021	$40,800	10	$7,300	
Exit, Service	50%			2021	$8,200	1		
Exterior Lighting								
HID	100%			2021	$221,900	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$35,500	1	$4,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$121,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 8,000 Gal Capacity. Using Oil No. 2								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$59,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,000	
Terminal Devices								
Air Handler	30%			2031	* *	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Room Behind Auditorium								
Explanation : Air Handler Is Under Construction For Auditorium								
Convector/Radiator	60%			2031	* *	1	$11,700	
Fan Coil Unit/Heat	10%			2026	$90,500	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2024	$87,000	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$10,700	
No Component	80%							
Exhaust Fans								
Interior	65%	Now	$4,300	2026	$43,400	2	$1,000	
Broken, Extent : Severe, Area Affected : 20%								
Location : Basement, Kitchen Exhaust								
Roof	35%	Now	$3,400	2026	$16,800	2	$500	
Broken, Extent : Severe, Area Affected : 35%								
Location : Bathroom Exhaust Fan								
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 748 - BK SCHOOL FOR GLOBAL SCHOLARS
Asset # : 1332

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	$14,100	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Hot Water Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$3,300	2031	* *	4	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Sump Pump								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 75 - BX**
Address : **984 FAILE STREET**
Borough : **BRONX**
Program / Asset # : **BOE0216.000 / 462**
Area Sq Ft : **109,000**
Date of Survey : **18-Feb-2014**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2747** **Lot** : **1**

Agency's Number : **X075**
Yr Built/Renovated : **1958 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2006079**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$117,200	$295,900
Interior Architecture	$378,200	$164,500
Electrical	$726,000	$580,700
Mechanical	$69,100	$409,700
Total	**$1,290,500**	**$1,450,800**
Importance Code A	$117,200	$337,900
Importance Code B	$972,700	$1,069,000
Importance Code C	$200,600	$43,900
Total	**$1,290,500**	**$1,450,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$24,800		$9,400	$15,700
Electrical	$9,000	$400	$1,200	$68,400
Mechanical	$53,400	$16,200	$18,500	$16,200
Total	**$87,200**	**$16,500**	**$29,100**	**$100,300**
Importance Code A	$11,100	$11,100	$11,100	$11,300
Importance Code B	$76,100	$5,400	$12,800	$89,000
Importance Code C			$5,200	
Total	**$87,200**	**$16,500**	**$29,100**	**$100,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$48,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	92%			LIFE	* *	5	$191,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$33,900	
Windows								
Aluminum	95%	2-4	$117,200	2041	* *	5	$28,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$1,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,800	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$13,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
Copper/Terne	5%			2065	* *	10	$7,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	95%			2035	* *	10	$55,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$17,500	LIFE	* *	5	$36,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$8,400	
Marble Panels	3%	2-4	$36,500	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terrazzo	7%			LIFE	* *	5	$9,200	
Vinyl Tile	73%	2-4	$104,200	2030	* *	3	$45,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	2%	2-4	$7,400	2020	$37,000	3	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$10,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%	2-4	$83,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	0-2	$117,300	LIFE	* *	5	$43,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$5,200	
Plaster	80%			LIFE	* *	5	$83,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2025	$21,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$195,500	5	$500	
Raceway								
Conduit	100%			2025	$208,700	1		
Panelboards								
Fused Disc Sw	10%			2024	$17,900	5	$300	
Fused Knife Sw	5%	2-4	$9,000	2050	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 5%								
Location : Fan Room - Basement								
Molded Case Bkrs	10%			2041	* *	5	$300	
Molded Case Bkrs	75%			2024	$134,500	5	$2,200	
Wiring								
Braided Cloth	75%	2-4	$223,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2045	* *	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	88%			2030	* *	10	$90,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2033	* *	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways & Gym								
Explanation : T-8 Lamps								
Incandescent	2%			2020	$24,900	2	$100	
Egress Lighting								
Emergency, Service	50%			2020	$27,600	1		
Exit, Service	50%			2020	$15,100	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	100%			2020	$411,700	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$111,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,700	2035	* *	4	$5,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	40%			2025	$241,800	1	$27,700	
Convector/Radiator	50%			2030	* *	1	$18,100	
Fan Coil Unit/Heat	10%			2025	$167,900	1	$3,600	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 75 - BX

Asset # : 462

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	30%	Now	$3,500	2020	$69,100	1		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$12,500	
No Component	80%							
Exhaust Fans								
Interior	20%			2025	$24,800	2	$700	
No Component	80%							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	$16,700	2030	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Water Main And Basement								
Water Heater								
Gas Fired	100%			2023	$26,100	2	$1,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 752 - Q (OLD J. H. S. 142)**
Address : **142-10 LINDEN BLVD**
Borough : **QUEENS**
Agency's Number : **Q752**
Program / Asset # : **BOE0789.000 / 2630**
Yr Built/Renovated : **1930 / 2002**
Area Sq Ft : **125,000**
Project Type : **EDUCATION**
Date of Survey : **01-May-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **11972** **Lot** : **70** **BIN** : **4259200**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$94,500	$52,600
Interior Architecture	$280,700	$1,123,400
Electrical	$89,500	$2,626,400
Mechanical	$187,500	$828,500
Total	**$652,300**	**$4,630,900**
Importance Code A	$94,500	$52,600
Importance Code B	$557,700	$4,341,600
Importance Code C		$236,600
Total	**$652,300**	**$4,630,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,300	$2,600	$28,900	
Interior Architecture	$13,500	$3,100		$10,400
Electrical	$28,300	$19,600	$12,700	$12,900
Mechanical	$24,600	$106,600	$32,000	$23,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$93,800**	**$135,900**	**$77,500**	**$50,300**
Importance Code A	$37,100	$16,600	$42,700	$13,800
Importance Code B	$56,600	$119,200	$34,800	$36,500
Importance Code C				
Total	**$93,800**	**$135,900**	**$77,500**	**$50,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - Q (OLD J. H. S. 142)

Asset # : 2630

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$23,900	
Copper/Terne	2%	Now	$23,300	2058	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Gymnasium Wall Facing Fourth Floor Roof								
Masonry: Brick	5%			LIFE	* *	5	$3,100	
Masonry: Brick	81%			LIFE	* *	5	$49,600	
Masonry: Limestone	2%			LIFE	* *	5	$900	
Pre-Cast Concrete	5%			LIFE	* *	5	$9,900	
Windows								
Aluminum	95%			2039	* *	5	$57,800	
Glass Block	5%			LIFE	* *	5	$1,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$16,500	
Copper/Terne	5%			2058	* *	5	$5,100	
Masonry: Brick	80%			LIFE	* *	5	$17,000	
Metal Rail	5%			2036	* *	5-10	$19,200	
Roof								
Built-Up (BUR)	97%			2028	* *	10	$94,500	
IRMA/Protected Membrane	3%			2023	$23,300	10	$2,900	
Interior								
Floors								
Ceramic Tile	3%			2032	* *	5	$6,200	
Terrazzo	10%			LIFE	* *	5	$16,300	
Vinyl Tile	40%			2023	$708,000	3	$41,600	
Vinyl Tile	12%			2018	$212,400	3	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Rooms In 1950 Wing								
Explanation : 9x9 Tiles								
Wood	35%			2038	* *	5	$136,600	
Interior Walls								
Ceramic Tile	3%			2026	$196,100	5	$7,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	57%			LIFE	* *	5	$40,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$3,200	
Gypsum Board	5%			LIFE	* *	5	$13,000	
Plaster	85%			LIFE	* *	5	$110,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - Q (OLD J. H. S. 142)

Asset # : 2630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2033	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2043	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$500	
Raceway								
Conduit	70%			2033	* *	1		
Conduit	30%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$300	
Molded Case Bkrs	60%			2031	* *	5	$2,000	
Molded Case Bkrs	30%			2039	* *	5	$1,000	
Wiring								
Braided Cloth	30%	2-4	$89,500	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2033	* *	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2036	* *	5	$600	
Locally Mounted	30%			2028	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$38,500	
Generators								
Diesel	100%			2026	$121,400	1	$48,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 150 Kw								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$27,900	
Fuel Storage								
Main Tank	100%			2038	* *	5	$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P. S. 752 - Q (OLD J. H. S. 142)

Asset # : 2630

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	80%			2023	$1,236,000	10	$102,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	15%			2023	$231,700	10	$19,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Hallways								
Explanation : T-8 Lamps								
HID	5%			2023	$55,500	10	$200	
Egress Lighting								
Emergency, Service	50%			2023	$34,200	1		
Exit, Battery	50%			2028	* *	10	$4,700	
Exterior Lighting								
HID	100%			2023	$472,100	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$14,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$388,400	1-3	$23,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$137,700	
Repairs In Progress, Extent : Light, Area Affected : 33%								
Location : Boiler Room, 1 Of 3 Boilers Being Retubed								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 3 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$10,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - Q (OLD J. H. S. 142)

Asset # : 2630

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%			2018	$187,500	1	$21,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Convector/Radiator	50%			2021	$656,900	1	$22,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	25%			2028	* *	1	$11,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$171,600	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$77,600	
Exhaust Fans								
Interior	20%			2018	$30,800	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Roof	20%			2018	$22,100	2	$900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Roof								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$32,400	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$8,500	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 752 - Q (OLD J. H. S. 142)

Asset # : 2630

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2033	* *	1-2	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 76 - BX**
Address : **900 ADEE AVENUE @BRONXWOOD AVENUE**
Borough : **BRONX** | **Agency's Number** : **X076**
Program / Asset # : **BOE0217.000 / 143** | **Yr Built/Renovated** : **1932 / 2012**
Area Sq Ft : **66,000** | **Project Type** : **EDUCATION**
Date of Survey : **02-Jan-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **4552** **Lot** : **10** | **BIN** : **2054933**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$54,400	$55,400
Interior Architecture	$215,400	$50,300
Electrical	$482,900	$652,000
Mechanical	$177,800	$174,400
Total	**$930,600**	**$932,100**
Importance Code A	$54,400	$92,500
Importance Code B	$876,100	$839,700
Total	**$930,600**	**$932,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$8,900	$2,500	$19,000	$6,300
Electrical	$32,300	$2,600	$8,700	$2,300
Mechanical	$10,600	$10,400	$21,900	$11,200
Total	**$51,700**	**$15,500**	**$49,600**	**$19,900**
Importance Code A	$6,700	$6,700	$6,800	$6,700
Importance Code B	$42,500	$8,800	$42,700	$13,200
Importance Code C	$2,600			
Total	**$51,700**	**$15,500**	**$49,600**	**$19,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2044	* *	10	$8,100	
Masonry: Brick	60%			LIFE	* *	5	$41,600	
Masonry: Brick	20%			LIFE	* *	5	$13,900	
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Masonry: Limestone	10%			LIFE	* *	5	$5,200	
Windows								
Aluminum	100%			2046	* *	5	$24,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,500	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$54,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Around Flashing								
Copper/Terne	5%			2052	* *	10	$7,200	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,200	
Ceramic Tile	5%			2033	* *	5	$5,100	
Vinyl Tile	25%			2019	$215,400	3	$9,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs, Corridors								
Explanation : 9x9 Units								
Vinyl Tile	50%			2029	* *	3	$25,300	
Wood	10%			2039	* *	5	$19,000	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$5,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	82%			LIFE	* *	5	$25,100	
Ceilings								
AcousTileConcealSpLn	10%			2029	* *	5	$12,600	
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	80%			LIFE	* *	5	$50,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$6,700	5	$100	
Fused Knife Sw	5%	2-4	$6,700	2049	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2040	* *	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,400	
Wiring								
Braided Cloth	90%	2-4	$156,500	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$400	
Locally Mounted	20%	2-4	$15,100	2044	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$60,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2029	* *	10	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stair Landings								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$6,500	
Exit, Service	60%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$249,300	10	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$59,900	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	0-2	$205,100	2034	* *	1-3	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$47,300	2034	* *	4	$3,300	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Condensate Return Lines								
On Extended Life, Extent : Moderate, Area Affected : 10%								
Location : Vacuum Condensate Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$73,000	1	$8,400	
Convector/Radiator	70%			2029	* *	1	$15,300	
Fan Coil Unit/Heat	10%			2024	$101,400	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2019	$55,700	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 76 - BX

Asset # : 143

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%			2019	$74,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	40%			2044	* *	1		
Galv Iron/Steel	60%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2024	$600	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$900	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 78 - BX**		
Address	: **1400 NEEDHAM AVENUE @FISH AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X078**
Program / Asset #	: **BOE0219.000 / 144**	**Yr Built/Renovated**	: **1924 / 2009**
Area Sq Ft	: **91,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **4719** **Lot** : **1**	**BIN**	: **2060191**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$173,200	$83,000
Interior Architecture	$382,300	$116,400
Electrical	$230,000	$1,690,700
Mechanical	$672,400	$234,100
Total	**$1,457,800**	**$2,124,200**
Importance Code A	$630,400	$120,100
Importance Code B	$790,100	$2,004,200
Importance Code C	$37,400	
Total	**$1,457,800**	**$2,124,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$9,200
Interior Architecture	$6,200		$4,400	$2,600
Electrical	$21,300	$3,500	$18,900	$3,200
Mechanical	$30,300	$14,800	$49,600	$14,800
Total	**$57,700**	**$18,300**	**$72,900**	**$29,800**
Importance Code A		$9,300	$9,500	$18,500
Importance Code B	$57,700	$9,000	$63,400	$11,300
Importance Code C				
Total	**$57,700**	**$18,300**	**$72,900**	**$29,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$14,400	
Masonry: Brick	70%			LIFE	* *	5	$64,600	
Masonry: Brick	20%	Now	$111,400	LIFE	* *	5	$18,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair Between 4th Floor And Roof, Foundation At North Wall								
Masonry: Granite	3%			LIFE	* *	5	$2,100	
Masonry: Limestone	5%			LIFE	* *	5	$3,500	
Windows								
Aluminum	95%			2040	* *	5	$18,400	
Glass Block	5%			LIFE	* *	5	$600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,300	
Masonry: Brick	90%			LIFE	* *	5	$7,600	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$61,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2027	* *	5	$7,000	
Marble Panels	5%			LIFE	* *	5	$5,300	
Terrazzo	5%			LIFE	* *	5	$5,500	
Vinyl Tile	15%			2029	* *	3	$10,500	
Vinyl Tile	25%			2019	$298,800	3	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria, Corridors								
Explanation : 9x9 Units								
Wood	35%			2039	* *	5	$92,300	
Interior Walls								
Glass: Single Pane	10%	Now	$37,400	LIFE	* *	5	$9,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Masonry: Brick	10%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Marble Panels	5%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$28,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	20%			LIFE	* *	5	$4,400	
Plaster	80%			LIFE	* *	5	$70,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 307								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2024	$153,900	5	$400	
Fused Disc Sw	10%			2044	* *	5		
Raceway								
Conduit	90%			2024	$155,300	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Toggle Switch	10%	2-4	$17,900	2049	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	80%			2023	$143,500	5	$1,900	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2029	* *	5	$100	
Locally Mounted	90%			2022	$68,000	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2024	$970,200	10	$80,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2029	* *	10	$4,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Hallways								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2024	$7,500	10		
Incandescent	1%			2024	$10,400	2		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$11,300	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$82,600	1	$10,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$17,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2034	* *	5	$29,100	
Conversion Equipment								
Steam Boiler	100%	0-2	$457,200	2044	* *	1	$83,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Both Boilers								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$65,600	2034	* *	4	$4,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Pneumatic Control System								
Steam Traps Faulty, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2019	$101,300	1	$11,600	
Convector/Radiator	70%			2029	* *	1	$21,200	
Fan Coil Unit/Heat	10%			2024	$140,600	1	$3,000	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$48,300	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,400	
Exhaust Fans								
Interior	90%			2024	$93,400	2	$2,600	
Roof	10%			2024	$7,500	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2044	* *	1		
Galv Iron/Steel	90%	0-2	$25,200	2029	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Heater								
Gas Fired	100%			2023	$21,800	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - BX

Asset # : 144

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul-102*								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 78 - Q / ECC ANNEX**				
Address	: **48-09 CENTER BLVD**				
Borough	: **QUEENS**			**Agency's Number**	: **LEASE-Q868**
Program / Asset #	: **BOE1064.000 / 14392**			**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **25,850**			**Project Type**	: **EDUCATION**
Date of Survey	: **19-Sep-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **18**	**Lot**	: **1**	**BIN**	: **4000019**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$82,000	$44,700
Electrical		$554,900
Total	**$82,000**	**$599,600**
Importance Code B		$554,900
Importance Code C	$82,000	$44,700
Total	**$82,000**	**$599,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture	$5,900		$23,700	$3,000
Electrical	$2,600	$2,100	$5,100	$2,100
Mechanical	$19,600	$11,800	$13,700	$6,100
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$32,000**	**$17,800**	**$46,500**	**$15,200**
Importance Code A				
Importance Code B	$30,400	$17,800	$46,500	$13,100
Importance Code C	$1,700			$2,100
Total	**$32,000**	**$17,800**	**$46,500**	**$15,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - Q / ECC ANNEX

Asset # : 14392

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,500	
Ceramic Tile	5%			2035	* *	5	$1,900	
Vinyl Tile	90%			2031	* *	3	$13,100	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$4,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,300	
Gypsum Board	90%			LIFE	* *	5-10	$126,700	
Ceilings								
AcousTileSusp.Lay-In	100%			2039	* *	5	$38,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Rated @ 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$100	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$100	
Molded Case Bkrs	90%			2034	* *	5	$600	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$8,000	
Generators								
Diesel	100%			2029	* *	1	$10,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @175 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - Q / ECC ANNEX

Asset # : 14392

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2034	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Capacity								
Main Tank	50%			2041	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Garage								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	99%			2026	$284,300	10	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2026	$2,900	10	$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Egress Lighting								
Emergency, Service	50%			2026	$6,400	1		
Exit, Service	50%			2026	$3,500	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$23,500	1	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2026	$267,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Smoke Detectors, Strobe Lights And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$1,900	
Terminal Devices								
Convector/Radiator	10%			2039	* *	1	$800	
Fan Coil Unit/Heat	90%			2031	* *	1	$7,500	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 78 - Q / ECC ANNEX

Asset # : 14392

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2027	* *	2	$1,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : 4 Units								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$1,900	
Heat Rejection								
Water Cool Tower	100%			2027	* *	2	$26,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor Mechanical Equipment Room								
Explanation : Cooling Tower Provides Condenser Water To Packaged Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,800	
Exhaust Fans								
Interior	100%			2031	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$6,000	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-2								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$13,000	
Sprinkler								
Generic	100%			2046	* *	1-2	$7,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 79 - BX**
Address : **125 EAST 181 STREET BTWN: CRESTON AVE - MORRIS AVE**
Borough : **BRONX** | **Agency's Number** : **X079**
Program / Asset # : **BOE0220.000 / 449** | **Yr Built/Renovated** : **1925 / 2010**
Area Sq Ft : **198,899** | **Project Type** : **EDUCATION**
Date of Survey : **29-Nov-2011** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,p**
Block : **3170** **Lot** : **1** | **BIN** : **2013849**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$285,500	$327,700
Interior Architecture	$1,008,500	$1,389,000
Electrical	$483,100	$800,200
Mechanical	$460,800	$1,704,300
Total	**$2,237,900**	**$4,221,200**
Importance Code A	$285,500	$1,005,500
Importance Code B	$1,244,000	$3,025,300
Importance Code C	$708,400	$190,400
Total	**$2,237,900**	**$4,221,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$10,700		
Interior Architecture	$60,100	$37,200		$14,900
Electrical	$21,800	$64,800	$20,500	$21,300
Mechanical	$118,800	$38,700	$74,500	$26,800
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$215,600**	**$166,200**	**$109,900**	**$77,800**
Importance Code A	$16,500	$27,800	$16,700	$16,700
Importance Code B	$189,600	$138,300	$93,100	$61,000
Importance Code C	$9,500			
Total	**$215,600**	**$166,200**	**$109,900**	**$77,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$77,600	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$31,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : New Addition								
Explanation : Recent Installation								
Masonry: Brick	60%	Now	$179,700	LIFE	* *	5	$119,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Outside Room 404 & Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Outside Classroom 404								
Masonry: Brick	30%			LIFE	* *	5	$59,600	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : New Addition								
Masonry: Limestone	3%			LIFE	* *	5	$4,500	
Windows								
Aluminum	70%	Now	$62,500	2039	* *	5	$14,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Aluminum	25%			2048	* *	5	$10,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout New Addition								
Metal Louvers	2%			2038	* *	10	$5,300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition								
Metal Louvers	3%			2032	* *	10	$8,000	
Parapets								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$5,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout New Addition								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$2,400	
Masonry: Brick	60%			LIFE	* *	5	$6,200	
Masonry: Brick	30%			LIFE	* *	5	$3,100	
Recent Construction, Extent : Light, Area Affected : 100%								
Location : Throughout New Addition								
Roof								
Built-Up (BUR)	70%	Now	$43,300	2028	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Built-Up (BUR)	30%			2033	* *	10	$40,500	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : New Addition								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$15,500	LIFE	* *	5	$65,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2032	* *	5	$14,900	
Marble Panels	5%			LIFE	* *	5	$11,200	
Terrazzo	10%	Now	$27,700	LIFE	* *	5	$23,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : First Floor								
Terrazzo	5%			LIFE	* *	5	$11,600	
Vinyl Tile	40%	Now	$101,300	2023	$1,012,500	3	$44,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Building								
Vinyl Tile	20%			2033	* *	3	$22,300	
Wood	5%			2051	* *	5	$27,900	
Interior Walls								
Cast in Place Concrete	7%	Now	$281,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Cast in Place Concrete	3%			LIFE	* *			
Ceramic Tile	3%			2032	* *	5	$19,000	
Ceramic Tile	12%			2038	* *	5	$76,200	
Gypsum Board	20%			LIFE	* *	5	$76,200	
Masonry: Brick	15%	Now	$185,600	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 2%								
Location : North Wall At Basement Level								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : North Wall At Basement Level								
Plaster	40%	Now	$203,700	LIFE	* *	5	$76,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	20%			2043	* *	5	$59,500	
Exposed Concrete	15%	Now	$71,800	LIFE	* *	5	$7,000	
Loose/Delam Surface, Extent : Moderate, Area Affected : 50%								
Location : At Basement Perimeter								
Plaster	65%	Now	$127,000	LIFE	* *	5	$120,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2053	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2053	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$900	
Raceway								
Conduit	95%			2033	* *	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$25,400	5	$500	
Molded Case Bkrs	85%			2022	$216,000	5	$4,500	
Molded Case Bkrs	5%			2048	* *	5	$300	
Wiring								
Braided Cloth	50%	2-4	$194,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	45%			2033	* *	1		
Thermoplastic	5%			2053	* *	1		
Motor Controllers								
Locally Mounted	20%			2028	* *	5	$300	
Motor Control Center	70%			2040	* *	5	$3,800	
Variable Speed Drives, Extent : Moderate, Area Affected : 100%								
Location : Roof Top								
Motor Control Center	10%			2028	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$61,200	
Generators								
Diesel	100%			2038	* *	1	$77,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$7,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2063	* *	5	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	63%			2028	* *	10	$114,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	30%			2033	* *	10	$54,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Wing								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	* *	10	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby New Wing								
Explanation : T-5 Lamps								
HID	5%			2018	$79,400	10	$300	
Egress Lighting								
Emergency, Service	15%			2031	* *	1		
Emergency, Battery	35%			2018	$93,900	10	$16,800	
Exit, Service	35%			2018	$18,800	1		
Exit, Service	15%			2031	* *	1		
Exterior Lighting								
HID	70%			2023	$525,800	10	$400	
HID	30%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$22,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$36,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Tanks Of 7500 Gals								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	30%			2040	* *	1	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units Used To Provide Hydronic Loop								
Steam Boiler	70%	Now	$13,600	2021	$677,800	1	$124,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Regulating Valve, Metering Valve Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2045	* *	4	$4,400	
Steam Piping/Pump	70%	Now	$19,400	2033	* *	4	$6,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Steam Header								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	14%			2018	$150,100	1	$17,200	
Convector/Radiator	50%			2021	$939,400	1	$32,100	
Fan Coil Unit/Heat	6%			2018	$178,700	1	$3,900	
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Covered Under A C System								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2031	* *	2	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rtu With Built In Gas Furnace - Refrigerant 410-a								
Window/Wall Unit	10%			2021	$40,900	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2	$103,500	
No Component	60%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	60%	Now	$20,600	LIFE	* *	2-5	$66,500	
Corroded, Extent : Severe, Area Affected : 70%								
Location : Basement								
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Covered Under AC Units								
Exhaust Fans								
Interior	60%	Now	$13,200	2018	$131,900	2	$2,900	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : House Exhaust, Basement								
Roof	10%			2031	* *	2	$600	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	$46,300	2	$2,900	
Sanitary Piping								
Cast Iron	70%	Now	$15,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	70%	Now	$19,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : School Yard								
Cast Iron	30%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$12,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
No Component	70%							
Generic	30%			2049	* *	1-5	$30,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 79 - BX

Asset # : 449

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	65%							
Generic	35%			2049	* *	1-2	$19,500	
Fire Pump								
No Component	70%							
Generic	30%			2036	* *	1	$11,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S. 806 - BK PUPIL PERSONNEL & SERVICES**			
Address	:	**362 SCHERMERHORN ST. @ 3RD AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K806**
Program / Asset #	:	**BOE0664.000 / 311**	**Yr Built/Renovated**	:	**1850 / 2014**
Area Sq Ft	:	**46,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**25-Feb-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**173** **Lot** : **23**	**BIN**	:	**3000575**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$124,200	$57,800
Interior Architecture	$267,700	
Electrical		$825,400
Mechanical	$58,600	$316,100
Total	**$450,500**	**$1,199,300**
Importance Code A	$124,200	$57,800
Importance Code B	$260,300	$1,141,500
Importance Code C	$66,000	
Total	**$450,500**	**$1,199,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$28,400
Interior Architecture	$38,300	$5,300	$1,500	$800
Electrical	$500	$1,000	$600	$900
Mechanical	$54,800	$5,500	$6,100	$8,800
Total	**$93,600**	**$11,900**	**$8,200**	**$38,800**
Importance Code A	$4,000	$4,000	$4,000	$32,500
Importance Code B	$58,500	$7,800	$4,200	$6,300
Importance Code C	$31,100			
Total	**$93,600**	**$11,900**	**$8,200**	**$38,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 806 - BK PUPIL PERSONNEL & SERVICES

Asset # : 311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$26,600	
Masonry: Brick	85%			LIFE	* *	5	$57,800	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Brownstone	10%			LIFE	* *	5	$5,100	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$124,200	2041	* *	5	$7,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$1,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Metal Cornice	80%			2040	* *	10	$22,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
Asphalt Shingle	85%			2034	* *	10	$5,700	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Repairs In Progress								
Modified Bitumen	15%			2030	* *	10	$6,100	
Interior								
Floors								
Asphalt Poured	5%	Now	$4,200	2045	* *	5	$800	
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs B, C/d								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Stair Landings								
Cast in Place Concrete	10%			LIFE	* *	5	$13,300	
Ceramic Tile	5%			2034	* *	5	$3,000	
Vinyl Tile	10%	Now	$51,800	2035	* *	3	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Vinyl Tile	45%			2030	* *	3	$10,300	
Vinyl Tile	25%			2033	* *	3	$5,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Third Floor								

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DEPARTMENT OF EDUCATION - 040

P. S. 806 - BK PUPIL PERSONNEL & SERVICES

Asset # : 311

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$31,100	2028	* *	5	$5,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Stair C/d,Toilets								
Gypsum Board	25%			LIFE	* *	5	$16,900	
Masonry: Brick	15%	Now	$66,000	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Tank Room								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Southeast Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Custodian Office								
Plaster	50%			LIFE	* *	5	$16,900	
Ceilings								
AcousTileSusp.Lay-In	10%			2042	* *	5	$6,100	
Embossed Metal	70%	Now	$150,000	LIFE	* *	5	$19,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5	$1,000	
Plaster	10%			LIFE	* *	5	$3,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2035	* *	5	$100	
Fused Disc Sw	50%			2025	$73,300	5	$100	
Raceway								
Conduit	50%			2025	$43,500	1		
Conduit	50%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$100	
Molded Case Bkrs	75%			2033	* *	5	$900	
Molded Case Bkrs	15%			2024	$13,500	5	$200	
Wiring								
Thermoplastic	100%			2035	* *	1		

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DEPARTMENT OF EDUCATION - 040

P. S. 806 - BK PUPIL PERSONNEL & SERVICES

Asset # : 311

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$514,900	10	$37,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	30%			2025	$16,500	10	$2,900	
Exit, Service	70%			2025	$9,500	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	* *	1	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$142,900			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$40,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$20,900	2035	* *	4	$2,000	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Areas								

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DEPARTMENT OF EDUCATION - 040

P. S. 806 - BK PUPIL PERSONNEL & SERVICES

Asset # : 311

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	90%	Now	$25,500	2023	$255,100	1	$10,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Regulators								
Fan Coil Unit/Heat	10%			2025	$61,000	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	0-2	$2,900	2020	$58,600	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Areas								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$2,300	
No Component	90%							
Exhaust Fans								
Roof	10%			2020	$3,200	2	$100	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$24,300	1		
Water Heater								
Gas Fired	100%			2023	$9,500	2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 250 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 81 - BX**				
Address	: **5550 RIVERDALE AVENUE @W. 256 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X081**
Program / Asset #	: **BOE0222.000 / 451**			**Yr Built/Renovated**	: **1926 / 2008**
Area Sq Ft	: **62,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **03-Dec-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**				
Block	: **5850**	**Lot**	: **1550**	**BIN**	: **2084806**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$341,800	$118,700
Interior Architecture	$724,500	
Electrical	$143,200	$1,684,600
Mechanical	$91,500	$763,000
Total	**$1,301,000**	**$2,566,300**
Importance Code A	$341,800	$155,700
Importance Code B	$959,200	$2,410,600
Total	**$1,301,000**	**$2,566,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,000			$8,100
Interior Architecture	$16,300		$7,100	$8,300
Electrical	$38,400	$2,600	$33,300	$1,700
Mechanical	$35,600	$8,800	$29,100	$9,700
Total	**$108,300**	**$11,400**	**$69,400**	**$27,900**
Importance Code A	$24,300	$6,300	$6,400	$14,400
Importance Code B	$76,400	$5,100	$63,000	$13,400
Importance Code C	$7,700			
Total	**$108,300**	**$11,400**	**$69,400**	**$27,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$36,700	
Masonry: Fieldstone	15%	Now	$118,900	LIFE	* *	5	$5,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Basement								
Masonry: Marble	5%			LIFE	* *	5	$1,700	
Windows								
Aluminum	85%			2040	* *	5	$16,300	
Steel	15%			2032	* *	5	$35,900	
Parapets								
Cast Stone/Terra Cotta	65%			LIFE	* *	5	$82,000	
Masonry: Limestone	35%	Now	$119,500	LIFE	* *	5	$7,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Cornices								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Asphalt Shingle	70%	Now	$43,200	2027	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Copper/Terne	25%	Now	$60,200	2039	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Modified Bitumen	5%			2024	$26,100	10	$4,500	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$20,800	
Ceramic Tile	5%			2027	* *	5	$4,800	
Marble Panels	5%			LIFE	* *	5	$3,600	
Terrazzo	3%			LIFE	* *	5	$2,200	
Vinyl Tile	70%	Now	$566,600	2034	* *	3	$25,000	
Poor Subfloor Evident, Extent : Moderate, Area Affected : 30%								
Location : Cafeteria								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : 9 inch X 9 inch Vinyl Tiles								
Wood	7%			2052	* *	5	$12,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,900	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$14,400	
Plaster	10%	Now	$7,700	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$14,200	
Exposed Concrete	25%			LIFE	* *	5	$3,700	
Metal Panel	10%	4+	$157,900	LIFE	* *	5	$11,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	50%			LIFE	* *	5	$29,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Stair, Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 600 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2034	* *	1		
Panelboards								
Fused Disc Sw	20%			2032	* *	5	$300	
Fused Knife Sw	20%	2-4	$26,900	2049	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment								
Molded Case Bkrs	60%			2023	$80,700	5	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2024	$34,800	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	35%			2029	* *	5	$100	
Locally Mounted	65%			2022	$49,100	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	95%			2024	$671,100	10	$55,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2024	$14,100	10	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Compact Fluorescent Lamps								
HID	1%			2019	$5,100	10		
Incandescent	2%			2019	$14,100	2		
Egress Lighting								
Emergency, Battery	25%			2029	* *	10	$3,800	
Emergency, Battery	25%			2019	$21,400	10	$3,800	
Exit, Service	25%			2029	* *	1		
Exit, Service	25%			2019	$4,300	1		
Exterior Lighting								
HID	100%			2024	$234,200	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$56,300	1	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$192,600	1-3	$11,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Smoke Detectors And Manual Pull Stations								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$63,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$22,200	2044	* *	4	$3,100	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Vacuum Pump, Sub Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$68,600	1	$7,900	
Convector/Radiator	50%			2022	$300,400	1	$10,300	
Fan Coil Unit/Heat	30%			2024	$285,700	1	$6,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2019	$91,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,500	
Exhaust Fans								
Interior	100%	Now	$1,400	2024	$70,300	2	$1,600	
Noisy/Vibrating, Extent : Severe, Area Affected : 10%								
Location : Motor Of Cafeteria Exhaust Fan And Filters Needs To Be Replaced								
Plumbing								
H/C Water Piping								
Brass/Copper	80%	Now	$3,000	2034	* *	1		
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Explanation : All Hot Water Mixing Valves Are Malfunctioning								
Galv Iron/Steel	20%			2022	$38,000	1		
Water Heater								
Gas Fired	100%			2019	$14,800	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 81 - BX

Asset # : 451

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

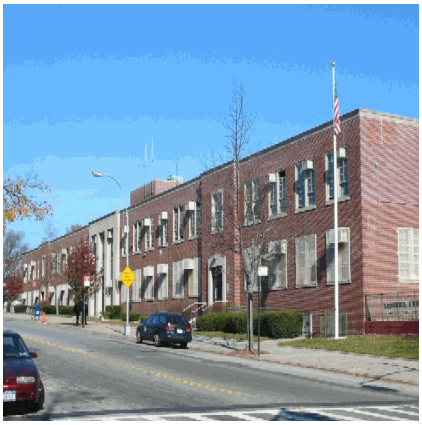
Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 811 - Q (OL 187-CMHC)**		
Address	: **61-25 MARATHON PKWY**		
Borough	: **QUEENS**	**Agency's Number**	: **Q811**
Program / Asset #	: **BOE0896.000 / 1462**	**Yr Built/Renovated**	: **1953 / 2007**
Area Sq Ft	: **59,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8361** **Lot** : **1**	**BIN**	: **4173060**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$81,100	$39,300
Electrical	$86,900	$1,515,100
Mechanical	$74,700	$1,069,900
Total	**$242,700**	**$2,624,300**
Importance Code A	$81,100	$333,900
Importance Code B	$161,600	$2,290,400
Total	**$242,700**	**$2,624,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$4,100	$9,100
Interior Architecture	$15,700	$1,400	$11,000	$9,900
Electrical	$5,200	$4,700	$17,800	$5,100
Mechanical	$17,800	$12,000	$52,300	$13,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$42,700**	**$22,000**	**$89,100**	**$41,200**
Importance Code A	$6,000	$6,000	$10,200	$15,100
Importance Code B	$36,700	$14,700	$78,900	$26,100
Importance Code C		$1,400		
Total	**$42,700**	**$22,000**	**$89,100**	**$41,200**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 811 - Q (OL 187-CMHC)

Asset # : 1462

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$39,300	
Masonry: Limestone	5%			LIFE	* *	5	$1,600	
Metal Panel	5%			2044	* *	5-10	$15,000	
Windows								
Aluminum	100%			2040	* *	5	$18,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$14,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$81,100	
Copper/Terne	5%			2052	* *	10	$10,700	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$2,700	
Terrazzo	5%			LIFE	* *	5	$3,500	
Vinyl Tile	87%			2029	* *	3	$39,400	
Wood	5%			2039	* *	5	$8,500	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$2,700	
Glazed Ceramic Panel	5%			LIFE	* *			
Plaster	62%			LIFE	* *	5	$17,000	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$13,500	
AcousTileSusp.Lay-In	10%			2037	* *	5	$9,000	
Exposed Concrete	10%			LIFE	* *	5	$1,400	
Exposed Struc: Steel	2%			LIFE	* *			
Fiber Board	3%			2024	$17,600			
Plaster	60%			LIFE	* *	5	$33,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	100%			2024	$123,800	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 811 - Q (OL 187-CMHC)

Asset # : 1462

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	40%			2023	$41,900	5	$500	
Molded Case Bkrs	60%			2023	$62,800	5	$900	
Wiring								
Braided Cloth	50%	2-4	$86,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	50%			2024	$86,900	1		
Motor Controllers								
Locally Mounted	50%			2022	$22,700	5	$200	
Locally Mounted	50%			2029	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	96%			2024	$645,400	10	$53,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	2%			2024	$13,400	10	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Compact Fluorescent Lamps								
Incandescent	2%			2019	$13,400	2		
Egress Lighting								
Emergency, Battery	50%			2024	$40,800	10	$7,300	
Exit, Service	50%			2024	$8,200	1		
Exterior Lighting								
HID	100%			2024	$222,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$53,600	1	$6,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
Generic	100%			2032	* *	1-3	$37,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 811 - Q (OL 187-CMHC)

Asset # : 1462

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2024	$149,100	5	$18,800	
Conversion Equipment								
Steam Boiler	100%			2022	$294,600	1	$59,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2024	$422,600	4	$3,000	
Terminal Devices								
Air Handler	20%			2029	* *	1	$7,500	
Convector/Radiator	80%			2029	* *	1	$15,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2024	$41,100	1	$5,600	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : A C Room								
Window/Wall Unit	60%			2019	$74,700	1		
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	20%			2034	* *	4	$900	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2024	$41,100	1	$7,500	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2024	$57,800	2	$8,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$33,700	
Exhaust Fans								
Interior	95%			2024	$63,600	2	$1,800	
Roof	5%			2019	$2,400	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2019	$14,100	2	$900	
HW Heat Exchanger								
Low Temp	100%	Now	$3,800	2024	$18,800	4	$6,000	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Inside Coil Leaks, Boiler Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 811 - Q (OL 187-CMHC)

Asset # : 1462

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$4,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Under Ground #2 Storage Tank								
Sump Pump(s)								
Rigid Piping	100%			2019	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-2 Floors								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$21,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 83 - BX**		
Address	: **950 RHINELANDER AVENUE @BOGART AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X083**
Program / Asset #	: **BOE0224.000 / 443**	**Yr Built/Renovated**	: **1925 / 2012**
Area Sq Ft	: **80,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,p**		
Block	: **4125** **Lot** : **1**	**BIN**	: **2045344**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$88,800	$182,000
Interior Architecture	$308,000	$873,200
Electrical	$302,100	$1,565,700
Mechanical	$255,500	$931,900
Total	**$954,500**	**$3,552,900**
Importance Code A	$209,000	$219,000
Importance Code B	$576,200	$3,298,400
Importance Code C	$169,300	$35,400
Total	**$954,500**	**$3,552,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,600			$21,600
Interior Architecture	$6,500	$12,300	$15,000	
Electrical	$25,100	$3,100	$28,200	$2,200
Mechanical	$69,700	$16,100	$37,700	$12,100
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$115,800**	**$36,500**	**$85,800**	**$40,800**
Importance Code A	$9,600	$8,100	$8,300	$29,800
Importance Code B	$106,200	$28,300	$74,400	$11,000
Importance Code C			$3,100	
Total	**$115,800**	**$36,500**	**$85,800**	**$40,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$59,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 New Elevator								
Masonry: Brick	80%			LIFE	* *	5	$122,300	
Masonry: Limestone	5%			LIFE	* *	5	$5,700	
Masonry: Marble	5%	0-2	$46,000	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Stucco Cement	5%			2037	* *	5	$19,100	
Windows								
Aluminum	100%			2040	* *	5	$43,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,700	
Masonry: Brick	90%			LIFE	* *	5	$10,100	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$42,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,500	
Ceramic Tile	3%			2027	* *	5	$3,700	
Marble Panels	2%			LIFE	* *	5	$1,800	
Quarry Tile	5%			2037	* *	5	$9,200	
Vinyl Tile	80%			2024	$837,800	3	$36,900	
Wood	5%			2039	* *	5	$11,500	
Interior Walls								
Ceramic Tile	4%			2039	* *	5	$6,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout 2012								
Ceramic Tile	4%	0-2	$169,300	2039	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$2,300	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	77%			LIFE	* *	5	$35,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2029	* *	5	$12,300	
Exposed Concrete	70%	Now	$138,700	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Plaster	20%			LIFE	* *	5	$15,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	85%			2024	$105,300	1		
Conduit	10%			2034	* *	1		
Conduit	5%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	80%			2023	$107,600	5	$1,700	
Molded Case Bkrs	10%			2032	* *	5	$200	
Wiring								
Thermoplastic	90%			2024	$156,500	1		
Thermoplastic	10%			2034	* *	1		
Motor Controllers								
Locally Mounted	70%			2022	$52,900	5	$400	
Locally Mounted	30%	Now	$22,700	2044	* *	5	$100	
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	97%			2024	$886,600	10	$73,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2019	$6,600	10		
Incandescent	2%			2019	$18,300	2		
Egress Lighting								
Emergency, Service	30%			2024	$12,100	1		
Exit, Service	70%			2024	$15,500	1		
Exterior Lighting								
HID	100%			2019	$302,100	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$6,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2034	* *	1-3	$17,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2044	* *	5	$25,500	
Conversion Equipment								
Steam Boiler	100%	0-2	$120,200	2037	* *	1	$73,300	
On Extended Life, Extent : Moderate, Area Affected : 40%								
Location : Boilers								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$28,700	2034	* *	4	$4,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	15%			2024	$66,600	1	$7,600	
Convector/Radiator	60%			2022	$466,400	1	$16,000	
Fan Coil Unit/Heat	25%	Now	$15,400	2024	$308,000	1	$6,000	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2019	$135,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$45,900	
Exhaust Fans								
Interior	100%	Now	$9,100	2024	$91,000	2	$2,000	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Basement & Penthouse								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$12,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX

Asset # : 443

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement & Side Yard								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Submersible	100%			2017	$6,700	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 5th Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2044	* *	1-2	$1,200	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 83 - BX ANNEX**		
Address	: **1840 BOGART AVENUE @ RHINELANDER AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X083**
Program / Asset #	: **BOE0224.010 / 13417**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **52,500**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **4125** **Lot** : **1**	**BIN**	: **2045344**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$108,700	$311,100
Interior Architecture	$36,400	$78,600
Electrical	$49,500	
Total	**$194,600**	**$389,700**
Importance Code A	$108,700	$311,100
Importance Code B	$85,900	$36,400
Importance Code C		$42,300
Total	**$194,600**	**$389,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,900		$8,000	$12,800
Interior Architecture	$11,100	$7,100		$8,100
Electrical	$6,200	$5,100	$12,900	$7,400
Mechanical	$17,800	$4,600	$22,700	$6,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$60,800**	**$24,600**	**$51,600**	**$42,500**
Importance Code A	$18,100		$8,400	$12,800
Importance Code B	$42,700	$19,600	$43,200	$29,800
Importance Code C		$5,000		
Total	**$60,800**	**$24,600**	**$51,600**	**$42,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$75,500	
Masonry: Limestone	7%			LIFE	* *	5	$4,500	
Metal Panel	5%			2044	* *	5-10	$29,500	
Windows								
Aluminum	100%			2040	* *	5	$25,500	
Parapets								
Masonry: Limestone	10%	Now	$5,800	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Explanation : Loose Flashing								
Metal Rail	90%			2037	* *	5-10	$179,100	
Roof								
Metal Panel	5%			2037	* *	10	$3,900	
Roll Roofing	95%	0-2	$8,300	2023	$165,300	5	$33,400	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,800	
Ceramic Tile	5%			2033	* *	5	$4,000	
Quarry Tile	5%			2037	* *	5	$6,100	
Terrazzo	5%			LIFE	* *	5	$3,200	
Vinyl Tile	80%			2029	* *	3	$32,300	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2033	* *	5	$10,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,000	
Gypsum Board	70%			LIFE	* *	5	$42,300	
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	$72,700	
Gypsum Board	10%			LIFE	* *	5	$10,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	80%			2044	* *	5	$200	
Molded Case Bkrs	20%			2044	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Service Room								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$16,200	
Generators								
Diesel	100%			2033	* *	1	$20,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Caterpillar Genset; No Available Ratings								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$11,700	
Fuel Storage								
Day Tank	25%			2040	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gals								
Main Tank	75%			2052	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 285 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$49,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps And Cfl Lamps								
Egress Lighting								
Exit, Service	100%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$3,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$11,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Radiant Heater	5%			2029	* *	2	$1,300	
No Component	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : 9 Furnaces Are Part Of The A C System								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$7,100	2029	* *	2	$2,600	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : A C Units								
R-22 Refrigerant, Extent : Light, Area Affected : 1%								
Location : A C Units On Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,100	
Exhaust Fans								
Roof	100%	Now	$2,100	2029	* *	2	$1,300	
Broken, Extent : Severe, Area Affected : 5%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2044	* *	1		
Galv Iron/Steel	20%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$12,600	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,800	LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Side Yard								
Explanation : Backs Up When It Rains Hard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 83 - BX ANNEX

Asset # : 13417

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st: 3rd, Basement: 3rd								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$28,200	
Sprinkler								
Generic	100%			2044	* *	1-2	$15,100	
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul-102								
No Component	70%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 847 - M MINISCHOOL**		
Address	: **93 NAGLE AVE. @ ELLWOOD ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M847**
Program / Asset #	: **BOE0092.010 / 1710**	**Yr Built/Renovated**	: **1985 /**
Area Sq Ft	: **11,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **2173** **Lot** : **1**	**BIN**	: **1064149**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$386,300	
Electrical	$41,500	
Mechanical		$144,100
Total	**$427,900**	**$144,100**
Importance Code A	$386,300	
Importance Code B	$41,500	$144,100
Total	**$427,900**	**$144,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,900			
Interior Architecture	$19,200	$2,000	$400	
Electrical	$100	$200	$100	$52,600
Mechanical	$800	$600	$1,600	$3,200
Total	**$67,000**	**$2,800**	**$2,100**	**$55,800**
Importance Code A	$47,400	$600	$600	$600
Importance Code B	$13,400	$2,200	$1,600	$55,200
Importance Code C	$6,100			
Total	**$67,000**	**$2,800**	**$2,100**	**$55,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 847 - M MINISCHOOL

Asset # : 1710

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$24,800	2035	* *	5	$32,300	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Restrooms								
Windows								
Aluminum	100%	0-2	$22,100	2033	* *	5	$1,300	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	$386,300	2045	* *			1
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Rooms 1, 2 And Various Others								
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$800	
Vinyl Tile	95%			2030	* *	3	$6,000	
Interior Walls								
Gypsum Board	100%	0-2	$6,100	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$13,100	2030	* *	5	$8,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Rooms 1, 2								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rooms 1, 2 And Various Others								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 400 Amps Main Disconnect								
Raceway								
Conduit	100%			2035	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 847 - M MINISCHOOL

Asset # : 1710

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	50%			2033	* *	5	$100	
Molded Case Bkrs	50%			2033	* *	5	$100	
Wiring								
Thermoplastic	100%			2035	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location :								
Explanation : Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	$10,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$1,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$41,500	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$6,700	1	$800	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$34,200			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		
Conversion Equipment								
Furnace	100%			2025	$13,700	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 847 - M MINISCHOOL

Asset # : 1710

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2023	$144,100	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	50%			2025	$6,200	2	$200	
Roof	50%			2025	$4,400	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2038	* *	1		
Water Heater								
Gas Fired	100%			2020	$2,600	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 85 - BX**
Address : **2400 MARION AVENUE @E. 187 STREET**
Borough : **BRONX** **Agency's Number** : **X085**
Program / Asset # : **BOE0226.000 / 445** **Yr Built/Renovated** : **1933 / 2011**
Area Sq Ft : **99,000** **Project Type** : **EDUCATION**
Date of Survey : **18-Oct-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,3,4**
Block : **3024** **Lot** : **21** **BIN** : **2011054**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$235,200	$62,400
Interior Architecture	$937,200	$75,500
Electrical	$178,900	$2,313,200
Mechanical	$520,600	$232,200
Total	**$1,871,900**	**$2,683,200**
Importance Code A	$235,200	$99,400
Importance Code B	$1,636,700	$2,583,900
Total	**$1,871,900**	**$2,683,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$2,800
Interior Architecture	$31,700		$7,600	$13,700
Electrical	$21,900	$6,000	$16,700	$6,400
Mechanical	$52,400	$15,000	$22,500	$15,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$109,900**	**$25,000**	**$50,700**	**$42,600**
Importance Code A	$10,100	$10,100	$10,300	$12,800
Importance Code B	$97,500	$15,000	$40,400	$29,800
Importance Code C	$2,300			
Total	**$109,900**	**$25,000**	**$50,700**	**$42,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	$62,400	
Masonry: Fieldstone	25%			LIFE	* *	5	$19,500	
Masonry: Limestone	15%			LIFE	* *	5	$11,700	
Windows								
Aluminum	15%			2040	* *	5	$5,500	
Aluminum	85%			2046	* *	5	$31,200	
Recent Replace Evident, Extent : Light, Area Affected : 100% *Location : Throughout*								
Parapets								
Masonry: Brick	85%	Now	$76,600	LIFE	* *	5	$13,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10% *Location : East Parapet* *Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%* *Location : Throughout*								
Masonry: Limestone	15%			LIFE	* *	5	$2,900	
Roof								
Built-Up (BUR)	25%	Now	$98,400	2034	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25% *Location : Over Gymnasium* *Vegetation Growth, Extent : Light, Area Affected : 20%* *Location : Over Gymnasium* *Worn/Eroded, Extent : Moderate, Area Affected : 50%* *Location : Over Gymnasium*								
Copper/Terne	5%			2052	* *	10	$10,700	
IRMA/Protected Membrane	70%			2029	* *	10	$60,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	3%	Now	$26,500	2033	* *	5	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Restrooms								
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	15%			2029	* *	3	$11,400	
Vinyl Tile	57%	Now	$736,700	2034	* *	3	$32,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Wood	20%	Now	$200,500	2039	* *	5	$28,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$4,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	55%			LIFE	* *	5	$25,300	
SGFT/Glazed Masonry	27%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$15,100	
Exposed Concrete	10%			LIFE	* *	5	$2,400	
Plaster	80%			LIFE	* *	5	$75,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$171,100	5	$400	
Raceway								
Conduit	95%			2024	$164,000	1		
Conduit	5%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2023	$17,900	5	$200	
Molded Case Bkrs	70%			2023	$125,600	5	$1,800	
Molded Case Bkrs	15%			2032	* *	5	$400	
Molded Case Bkrs	5%			2040	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$178,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2024	$63,900	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	30%			2022	$22,700	5	$200	
Locally Mounted	50%			2037	* *	5	$300	
Locally Mounted	20%	0-2	$15,100	2044	* *	5	$100	
Obsolete Equipment, Extent : Light, Area Affected : 20%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2024	$1,105,500	10	$91,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2024	$8,100	10		
Incandescent	1%			2019	$11,300	2		
Egress Lighting								
Emergency, Battery	50%			2024	$68,500	10	$12,300	
Exit, Service	50%			2024	$13,700	1		
Exterior Lighting								
HID	100%			2024	$373,900	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$89,900	1	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2029	* *	1-3	$44,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Alarm Bells, Manual Pull Station								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$100,600	
Repairs In Progress, Extent : Light, Area Affected : 30%								
Location : #3 Boiler Being Re Tubed								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$14,200	2044	* *	4	$5,000	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Thermostats, Various Areas								
Terminal Devices								
Air Handler	30%			2019	$164,300	1	$18,800	
Convector/Radiator	50%			2029	* *	1	$16,400	
Fan Coil Unit/Heat	20%			2019	$304,100	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2019	$52,200	1		
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,600	
Exhaust Fans								
Interior	100%			2024	$112,300	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$60,700	1		
Water Heater								
Gas Fired	100%			2017	$23,600	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX

Asset # : 445

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : C, B, 1-4							
	Explanation : 1 Unit							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$59,300	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 85 - BX MINISCHOOL**				
Address	: **2400 MARION AVENUE @E. 187 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X885**
Program / Asset #	: **BOE0226.010 / 446**			**Yr Built/Renovated**	: **1982 / 2008**
Area Sq Ft	: **10,620**			**Project Type**	: **EDUCATION**
Date of Survey	: **18-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **3024**	**Lot**	: **21**	**BIN**	: **2011054**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$60,600	$119,700
Interior Architecture	$126,600	$133,300
Electrical		$40,100
Total	**$187,200**	**$293,200**
Importance Code A	$60,600	$119,700
Importance Code B	$126,600	$173,500
Total	**$187,200**	**$293,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,000			
Interior Architecture	$1,900	$2,200		
Electrical	$500	$500	$21,300	$500
Mechanical	$600	$6,500	$27,900	$700
Total	**$15,000**	**$9,300**	**$49,200**	**$1,200**
Importance Code A	$12,500	$500	$13,800	$500
Importance Code B	$2,500	$8,500	$35,500	$600
Importance Code C		$200		
Total	**$15,000**	**$9,300**	**$49,200**	**$1,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX MINISCHOOL

Asset # : 446

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$12,000	2024	$119,700	5	$31,200	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	100%			2046	* *	5	$2,500	
Roof								
Metal Panel	100%			2029	* *	10	$60,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Roof Is Covered With Tar								
Interior								
Floors								
Ceramic Tile	3%	Now	$1,900	2039	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Toilet Rooms								
Vinyl Tile	97%			2024	$133,300	3	$5,900	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$400	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,900	
Metal Panel	47%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$126,600	2044	* *	5	$7,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$4,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Switch Rated @ 600 Amperes								
Raceway								
Conduit	100%			2024	$22,200	1		
Panelboards								
Fused Disc Sw	50%			2023	$14,900	5	$100	
Molded Case Bkrs	50%			2023	$14,900	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX MINISCHOOL

Asset # : 446

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2024	$24,300	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$9,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$1,300	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$40,100	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$9,600	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Motion Sensors								
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2029	* *	1-3	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2024	$8,800	1		
Conversion Equipment								
Furnace	100%			2019	$13,200	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Level - Repair Of #2 Unit Is In Progress								
Explanation : 2 Internal Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2023	$30,600	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2018	$5,900	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 85 - BX MINISCHOOL

Asset # : 446

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2019	$10,700	2	$300	
Roof	10%			2019	$900	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2019	$1,700	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 86 - BX**				
Address	: **2756 RESERVOIR AVENUE @W. 195 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X086**	
Program / Asset #	: **BOE0227.000 / 1093**		**Yr Built/Renovated**	: **1928 / 2004**	
Area Sq Ft	: **110,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **02-Nov-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,5**				
Block	: **3247**	**Lot** : **70**	**BIN**	: **2100971**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$859,300	$153,900
Interior Architecture	$731,300	$788,000
Electrical	$97,300	$674,400
Mechanical	$314,000	$1,036,700
Total	**$2,001,900**	**$2,653,100**
Importance Code A	$859,300	$153,900
Importance Code B	$1,048,800	$2,358,400
Importance Code C	$93,700	$140,800
Total	**$2,001,900**	**$2,653,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,300		$19,100	
Interior Architecture	$99,200			$11,600
Electrical	$3,200	$41,900	$4,200	$4,400
Mechanical	$23,600	$42,200	$25,900	$15,900
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$149,200**	**$89,000**	**$54,200**	**$36,800**
Importance Code A	$29,500	$11,200	$30,500	$11,200
Importance Code B	$92,800	$77,900	$23,600	$25,700
Importance Code C	$26,900			
Total	**$149,200**	**$89,000**	**$54,200**	**$36,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$7,000	LIFE	* *	5	$31,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast Stone/Terra Cotta	5%	Now	$303,000	LIFE	* *	5	$48,500	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	85%	Now	$318,200	LIFE	* *	5	$105,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$4,700	
Windows								
Aluminum	90%			2039	* *	5	$38,200	
Wood	10%			2031	* *	5	$42,500	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$11,300	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	95%	Now	$158,600	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2028	* *	10	$79,600	
Interior								
Floors								
Asphalt Poured	5%	Now	$11,500	2043	* *	5	$2,100	
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : 1st Floor Play Area								
Cast in Place Concrete	5%			LIFE	* *	5	$18,500	
Ceramic Tile	3%			2026	$98,200	5	$5,100	
Marble Panels	2%			LIFE	* *	5	$2,500	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	30%			2023	$430,800	3	$25,300	
Vinyl Tile	25%	Now	$18,000	2018	$359,000	3	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	25%	4+	$278,500	2038	* *	5	$39,600	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$26,900	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2026	$140,800	5	$5,100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	65%	Now	$44,300	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	15%	Now	$49,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria And Play Room								
Explanation : Vertical Cracks								
Ceilings								
AcousTileConcealSpLn	5%	Now	$3,400	2028	* *	5	$5,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	20%			LIFE	* *	5	$5,200	
Plaster	75%	Now	$33,000	LIFE	* *	5	$78,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Minischool								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$500	
Raceway								
Conduit	80%			2023	$166,900	1		
Conduit	20%			2049	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2045	* *	5	$100	
Fused Disc Sw	10%			2022	$17,900	5	$300	
Molded Case Bkrs	85%			2045	* *	5	$2,500	
Wiring								
Thermoplastic	30%			2033	* *	1		
Thermoplastic	70%			2049	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$92,100	5	$600	
Motor Control Center	20%			2036	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,600	
Lighting								
Interior Lighting								
Fluorescent	94%			2028	* *	10	$97,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	4%			2028	* *	10	$100	
Incandescent	2%			2018	$25,100	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$13,600	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$415,400	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$12,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$20,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : #2 Oil - One 5,000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$111,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$39,400	2033	* *	4	$5,600	
Steam Traps Faulty, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$121,700	1	$14,000	
Convector/Radiator	70%			2021	$746,100	1	$25,500	
Fan Coil Unit/Heat	10%			2023	$169,000	1	$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2018	$162,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$62,900	
Exhaust Fans								
Interior	90%	Now	$2,200	2018	$112,300	2	$2,500	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Basement, Auditorium Exhaust Fan								
Roof	10%			2023	$9,000	2	$300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2018	$26,300	2	$1,600	
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$16,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Low Consumption Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX

Asset # : 1093

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1, 3, 5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 86 - BX MINISCHOOL**
Address : **2756 RESERVOIR AVENUE @W. 195 STREET**
Borough : **BRONX**
Agency's Number : **X886**
Program / Asset # : **BOE0227.010 / 2691**
Yr Built/Renovated : **1988 /**
Area Sq Ft : **11,000**
Project Type : **EDUCATION**
Date of Survey : **01-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3247** **Lot** : **70** **BIN** : **2100971**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$153,100	
Interior Architecture		$128,100
Electrical		$41,500
Total	**$153,100**	**$169,700**
Importance Code A	$153,100	
Importance Code B		$169,700
Total	**$153,100**	**$169,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,800			
Interior Architecture	$28,000		$900	$1,900
Electrical	$200	$10,500	$500	$200
Mechanical	$2,300	$3,200	$1,600	$600
Total	**$63,300**	**$13,700**	**$3,000**	**$2,700**
Importance Code A	$33,400	$500	$600	$500
Importance Code B	$17,700	$13,200	$2,400	$2,200
Importance Code C	$12,300			
Total	**$63,300**	**$13,700**	**$3,000**	**$2,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX MINISCHOOL

Asset # : 2691

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%	Now	$37,200	2033	* *	5	$32,300	1
Deformed/Dented, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$31,500	2031	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Explanation : Water Penetration From Wind Blown Rain								
Glass Block	5%	Now	$1,300	LIFE	* *	5	$100	
Roof								
Metal Panel	100%	Now	$115,900	2028	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : At Drains								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : At Drains								
Interior								
Floors								
Panel/Paver: Cer/Brk	5%			2039	* *	5	$1,900	
Quarry Tile	5%			2036	* *	5	$1,300	
Vinyl Tile	90%			2023	$128,100	3	$7,500	
Interior Walls								
Gypsum Board	100%	Now	$12,300	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	85%	Now	$11,100	2028	* *	5	$6,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : At Drains								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout & Near Drains								
Exposed Struc: Steel	10%			LIFE	* *			
Metal Panel	5%	Now	$2,700	LIFE	* *	5	$1,000	
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX MINISCHOOL

Asset # : 2691

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2039	* *	5		
Molded Case Bkrs	90%			2039	* *	5	$300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$10,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2023	$7,500	10	$1,400	
Exit, Service	50%			2023	$1,500	1		
Exterior Lighting								
HID	100%			2023	$41,500	10		
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2028	* *	1-3	$2,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2043	* *	1		
Natural Gas	95%			2043	* *	1		
Conversion Equipment								
Furnace	95%			2023	$13,000	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ceiling Duct Mounted								
Explanation : 2 Units								
Radiant Heater	5%			2023	$2,500	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallway								
Explanation : 5 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 86 - BX MINISCHOOL

Asset # : 2691

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2021	$6,100	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : A C Units Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Roof	20%			2023	$1,800	2	$100	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Mechanical Room								
Explanation : Fresh Air And Exhaust Are Provided Through A C Units								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2018	$2,600	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Gutters And Leaders Are Leaking Throughout Perimeter Of The Building								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 87 - BX**		
Address	: **1935 BUSSING AVENUE @ EDSON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X087**
Program / Asset #	: **BOE0228.000 / 434**	**Yr Built/Renovated**	: **1931 / 2006**
Area Sq Ft	: **43,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Dec-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5018** **Lot** : **1**	**BIN**	: **2069061**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$366,000	$81,900
Electrical	$482,100	$662,600
Mechanical	$243,100	$250,000
Total	**$1,091,300**	**$994,500**
Importance Code B	$1,091,300	$994,500
Total	**$1,091,300**	**$994,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,400			$1,600
Interior Architecture	$37,800	$18,600	$1,000	$8,600
Electrical	$21,300	$600	$900	$9,100
Mechanical	$6,200	$6,200	$16,200	$25,700
Total	**$86,700**	**$25,400**	**$18,000**	**$45,100**
Importance Code A	$46,500	$4,400	$4,400	$6,000
Importance Code B	$40,100	$21,000	$13,700	$39,100
Importance Code C				
Total	**$86,700**	**$25,400**	**$18,000**	**$45,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$15,700	
Masonry: Brick	85%			LIFE	* *	5	$34,100	
Masonry: Granite	3%			LIFE	* *	5	$900	
Masonry: Limestone	7%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : East Facade								
Explanation : Painted Surfaces								
Windows								
Aluminum	100%			2041	* *	5	$14,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$3,300	
Masonry: Brick Cavity	80%			LIFE	* *	5	$6,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$300	
Metal Panel	10%			2045	* *	5	$3,300	
Pre-Cast Concrete	2%			LIFE	* *	5	$1,100	
Roof								
Built-Up (BUR)	100%	Now	$21,400	2033	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Around Stair C / D								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair C / D								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$14,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	3%			2034	* *	5	$2,000	
Terrazzo	2%			LIFE	* *	5	$1,000	
Traffic Topping	10%	Now	$16,400	2025	$81,900	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Wrinkling, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Vinyl Tile 9" X 9"	45%	4+	$327,300	2035	* *	3	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	30%			2028	* *	5	$37,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$2,700	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$12,000	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2030	* *	5	$9,800	
Exposed Concrete	35%			LIFE	* *	5	$3,600	
Fiber Board	5%	2-4	$21,400	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Plaster	45%	Now	$38,700	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Third Floor Classrooms & Stair								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Classrooms & Stair								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$20,800	2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes. Obsolete Equipment, On Extended Life								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$122,200	2055	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Electrical And Mech Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical And Mech Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	80%			2025	$55,600	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$100	
Molded Case Bkrs	30%			2041	* *	5	$300	
Molded Case Bkrs	65%			2024	$68,000	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$63,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2023	$22,700	5	$100	
Locally Mounted	50%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	8%			2030	* *	10	$3,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Fluorescent	90%			2025	$441,000	10	$36,400	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2025	$9,800	2		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$5,300	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	60%	Now	$97,400	2035	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
HID	40%			2020	$65,000	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$39,000	1	$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$133,600	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 87 - BX

Asset # : 434

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$43,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$2,200	
Terminal Devices								
Air Handler	20%			2020	$47,600	1	$5,500	
Convector/Radiator	60%			2023	$250,000	1	$8,600	
Fan Coil Unit/Heat	20%			2020	$132,100	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2020	$63,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$9,800	
No Component	60%							
Exhaust Fans								
Interior	40%			2020	$19,500	2	$500	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2023	$10,300	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 88 - BX**
Address : **1340 SHERIDAN AVENUE BTWN: MARCY PL., EAST 170 ST.**
Borough : **BRONX** | **Agency's Number** : **X088**
Program / Asset # : **BOE0229.000 / 2689** | **Yr Built/Renovated** : **1924 / 2002**
Area Sq Ft : **23,000** | **Project Type** : **EDUCATION**
Date of Survey : **26-Mar-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2830** **Lot** : **17** | **BIN** : **2094535**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$51,000	
Interior Architecture	$204,700	$225,800
Electrical	$111,400	$398,300
Mechanical		$115,200
Total	**$367,100**	**$739,300**
Importance Code A	$51,000	$115,200
Importance Code B	$256,000	$624,200
Importance Code C	$60,100	
Total	**$367,100**	**$739,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$23,400			$22,200
Interior Architecture	$6,900			$3,300
Electrical	$300	$300	$500	$6,100
Mechanical	$24,100	$3,200	$6,900	$12,600
Total	**$54,700**	**$3,600**	**$7,400**	**$44,200**
Importance Code A	$34,900	$2,300	$2,300	$24,600
Importance Code B	$15,400	$1,200	$5,000	$19,600
Importance Code C	$4,300			
Total	**$54,700**	**$3,600**	**$7,400**	**$44,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	$51,000	LIFE	* *	5	$33,800	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Stucco Cement	5%			2030	* *	5	$4,700	
Windows								
Aluminum	100%	2-4	$23,400	2041	* *	5	$5,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,600	
Masonry: Limestone	5%			LIFE	* *	5	$300	
Roof								
Built-Up (BUR)	95%			2030	* *	10	$17,500	
Copper/Terne	5%			2060	* *	10	$2,300	
Interior								
Floors								
Cast in Place Concrete	5%	Now	$900	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%	0-2	$1,700	2034	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	75%	Now	$67,700	2025	$225,800	3	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	15%	4+	$35,000	2040	* *	5	$5,000	
Deteriorated Finish, Extent : Light, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,800	
Masonry: Brick	5%	2-4	$4,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	85%	0-2	$60,100	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$600	
Plaster	90%	0-2	$41,800	LIFE	* *	5	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$100	
Raceway								
Conduit	80%			2025	$42,000	1		
Conduit	20%			2055	* *	1		
Panelboards								
Molded Case Bkrs	25%			2050	* *	5	$200	
Molded Case Bkrs	75%			2024	$56,100	5	$500	
Wiring								
Braided Cloth	60%	2-4	$39,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2025	$13,300	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	97%			2025	$254,900	10	$21,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	3%			2020	$5,700	10		
Egress Lighting								
Exit, Service	50%			2025	$3,200	1		
Exit, Battery	50%			2025	$10,900	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$20,900	1	$2,600	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$71,500			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 1- 6300 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%	Now	$11,500	2023	$115,200	1	$21,100	
Corroded, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub Basement								
Explanation : 2- Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2035	* *	4	$1,200	
Terminal Devices								
Air Handler	10%	Now	$600	2025	$12,800	1	$1,300	
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : 1st Floor, Cafeteria								
Convector/Radiator	90%	0-2	$10,100	2030	* *	1	$6,200	
Damaged, Extent : Light, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	3%	Now	$100	2023	$1,500	1		
Malfunctioning, Extent : Light, Area Affected : 5%								
Location : Basement								
No Component	97%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,200	
Exhaust Fans								
Interior	70%	Now	$900	2030	* *	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Fan Motor - Kitchen								
Roof	30%			2020	$5,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	2%			2045	* *	1		
Galv Iron/Steel	98%			2030	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$2,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 88 - BX

Asset # : 2689

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL**		
Address	: **265 WARWICK STREET @ ATLANTIC AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K089**
Program / Asset #	: **BOE1105.000 / 14561**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **52,080**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **3952** **Lot** : **47**	**BIN**	: **3087940**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$190,400	$184,000
Interior Architecture	$160,800	$116,300
Electrical		$46,800
Total	**$351,200**	**$347,100**
Importance Code A	$190,400	$184,000
Importance Code B	$62,900	$109,700
Importance Code C	$97,900	$53,400
Total	**$351,200**	**$347,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$21,100	$12,800		
Interior Architecture	$43,500	$3,500	$35,500	
Electrical	$1,000	$1,100		
Mechanical	$26,000	$11,700	$17,500	$11,100
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$103,400**	**$40,900**	**$64,800**	**$22,900**
Importance Code A	$23,700	$15,400	$2,600	$2,600
Importance Code B	$74,200	$25,500	$45,100	$20,400
Importance Code C	$5,500		$17,100	
Total	**$103,400**	**$40,900**	**$64,800**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL

Asset # : 14561

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$220,300	
Masonry: Limestone	5%			LIFE	* *	5	$8,700	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$94,000	
Masonry: Limestone	10%			LIFE	* *	5-10	$18,600	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$73,800	
Interior								
Floors								
Carpet	5%			2027	* *	3	$10,500	
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Ceramic Tile	5%			2039	* *	5	$7,000	
Vinyl Tile	85%			2034	* *	3	$44,600	
Interior Walls								
Ceramic Tile	25%			2039	* *	5	$34,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$11,000	
Gypsum Board	65%			LIFE	* *	5-10	$151,300	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$125,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,000	
Metal Panel	5%			LIFE	* *	5	$17,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps And One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2043	* *	5	$100	
Motor Control Center	50%			2043	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Controllers Is Monitored By Bms								
Variable Frequency Drive	20%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$46,800	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2034	* *	10		
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$6,300	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2066	* *	5	$1,500	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	80%			2034	* *	1	$20,600	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Hot Water Boiler	20%			2043	* *	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL
Asset # : 14561

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2048	* *	4	$500	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2043	* *	1	$3,400	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rtu								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$46,000	
Exhaust Fans								
Roof	100%			2034	* *	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$12,100	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$3,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-4 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$14,600	
Fire Pump								
Generic	100%			2039	* *	1	$9,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BK CYPRESS HILLS COMMUNITY SCHOOL

Asset # : 14561

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 89 - BX**				
Address	: **980 MACE AVENUE @ WILLIAMSBRIDGE RD.**				
Borough	: **BRONX**			**Agency's Number**	: **X089**
Program / Asset #	: **BOE0230.000 / 420**			**Yr Built/Renovated**	: **1927 / 2007**
Area Sq Ft	: **98,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **10-Jan-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **4444**	**Lot**	: **16**	**BIN**	: **2051571**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$329,200	$148,900
Interior Architecture	$227,200	$667,300
Electrical	$407,400	$725,800
Mechanical	$219,500	$1,005,000
Total	**$1,183,400**	**$2,547,000**
Importance Code A	$329,200	$185,900
Importance Code B	$854,100	$2,361,100
Total	**$1,183,400**	**$2,547,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$18,200	
Interior Architecture	$4,700	$2,800		$4,700
Electrical	$52,700	$23,400	$7,200	$5,500
Mechanical	$35,900	$69,100	$22,500	$14,800
Total	**$93,300**	**$95,300**	**$47,900**	**$25,000**
Importance Code A	$10,000	$10,200	$28,100	$10,000
Importance Code B	$83,400	$85,200	$19,800	$15,000
Importance Code C				
Total	**$93,300**	**$95,300**	**$47,900**	**$25,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$56,300	
Masonry: Brick	40%	Now	$248,400	LIFE	* *	5	$41,200	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation								
Masonry: Brick	50%			LIFE	* *	5	$51,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Walls Facing School Yard								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Walls Facing School Yard								
Explanation : New Face Brick								
Masonry: Granite	3%			LIFE	* *	5	$2,300	
Windows								
Aluminum	100%			2039	* *	5	$36,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$12,000	
Masonry: Brick	40%			LIFE	* *	5	$6,200	
Masonry: Brick	45%			LIFE	* *	5	$7,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Parapets Facing School Yard								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$80,800	
Copper/Terne	5%			2051	* *	10	$10,600	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$82,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Ceramic Tile	5%			2026	$145,800	5	$7,500	
Terrazzo	5%			LIFE	* *	5	$5,900	
Vinyl Tile	25%			2023	$319,800	3	$18,800	
Vinyl Tile	15%			2018	$191,900	3	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	25%			2038	* *	5	$70,500	
Interior Walls								
Glass: Single Pane	5%			LIFE	* *	5	$5,700	
Gypsum Board	10%			LIFE	* *	5	$9,100	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$22,700	
SGFT/Glazed Masonry	15%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,300	
Plaster	90%			LIFE	* *	5	$84,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	50%			2043	* *	5	$200	
Fused Knife Sw	50%	2-4	$85,500	2053	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2039	* *	5	$200	
Fused Knife Sw	10%	2-4	$17,900	2048	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2039	* *	5	$300	
Molded Case Bkrs	70%			2022	$125,600	5	$1,800	
Wiring								
Braided Cloth	80%	2-4	$204,400	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	25%			2036	* *	5	$200	
Locally Mounted	50%			2021	$37,800	5	$300	
Locally Mounted	25%	2-4	$18,900	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded And Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$90,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	1%			2023	$8,000	10		
Incandescent	1%			2023	$11,200	2		
Egress Lighting								
Emergency, Battery	20%			2018	$27,100	10	$4,900	
Emergency, Battery	30%			2028	* *	10	$7,300	
Exit, Service	20%			2018	$5,400	1		
Exit, Service	30%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$370,100	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
No Component	20%							
Generic	80%			2031	* *	1-3	$48,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms, Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$99,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 89 - BX

Asset # : 420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$14,000	2033	* *	4	$5,000	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Condensate Tank, Basement								
Terminal Devices								
Air Handler	20%	Now	$2,200	2018	$108,400	1	$11,200	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Flexible Connections, Basement								
Convector/Radiator	80%			2021	$759,600	1	$26,000	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$31,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$56,100	
Exhaust Fans								
Interior	100%			2018	$111,100	2	$3,100	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%	Now	$4,200	2021	$210,200	1		
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2018	$23,400	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Outside Building								
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$35,200	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 90 - BX**		
Address	: **1116 SHERIDAN AVENUE BTWN: MC CLELLAN ST., EAST 166 S**		
Borough	: **BRONX**	**Agency's Number**	: **X090**
Program / Asset #	: **BOE0231.000 / 421**	**Yr Built/Renovated**	: **1928 / 2000**
Area Sq Ft	: **92,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **2456** **Lot** : **100**	**BIN**	: **2002745**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$459,700	$91,800
Interior Architecture	$652,500	$138,600
Electrical	$231,300	$1,565,100
Mechanical	$326,500	$1,473,700
Total	**$1,670,000**	**$3,269,200**
Importance Code A	$459,700	$91,800
Importance Code B	$1,123,100	$3,177,400
Importance Code C	$87,200	
Total	**$1,670,000**	**$3,269,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$67,800			
Interior Architecture	$61,200	$2,100		$12,300
Electrical	$1,000	$200		$700
Mechanical	$42,400	$14,300	$21,100	$29,000
Total	**$172,400**	**$16,700**	**$21,100**	**$42,000**
Importance Code A	$77,200	$9,300	$9,300	$9,300
Importance Code B	$66,900	$7,300	$11,800	$32,600
Importance Code C	$28,300			
Total	**$172,400**	**$16,700**	**$21,100**	**$42,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	$276,900	LIFE	* *	5	$91,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads								
Masonry: Limestone	5%	Now	$26,400	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$142,900	2041	* *	5	$17,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$39,800	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$1,300	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	Now	$34,800	2030	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Rooms 404, 411								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Rooms 404, 411, 455								
Copper/Terne	5%	Now	$5,400	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$30,900	
Terrazzo	5%	0-2	$32,800	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	Now	$18,000	2020	$180,200	3	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	15%	Now	$18,000	2030	* *	3	$7,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout 12x12 Tiles								
Wood	55%			2040	* *	5	$145,700	

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Masonry: Brick	15%	2-4	$41,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$28,300	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	80%	Now	$45,600	LIFE	* *	5	$34,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 4th Floor, Classrooms, Stair(s) & Around Auditorium Windows								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 4th Floor, Classrooms, Stair Tower								
Ceilings								
AcousTile,Adhered	10%			2030	* *	5	$14,000	
AcousTileSusp.Lay-In	3%			2038	* *	5	$4,200	
Exposed Concrete	12%			LIFE	* *	5	$2,600	
Plaster	75%	Now	$276,300	LIFE	* *	5	$65,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 4th Floor, Classrooms, Stair(s)								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Bulkheads, Rooms 404, 411, 455								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	70%			2051	* *	5	$300	
Molded Case Bkrs	30%			2025	$51,300	5	$700	
Raceway								
Conduit	80%			2025	$138,100	1		
Conduit	20%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$200	
Molded Case Bkrs	10%			2033	* *	5	$200	
Molded Case Bkrs	80%			2047	* *	5	$1,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$178,900	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$700	
Generic	50%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	85%			2025	$891,100	10	$73,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2033	* *	10	$8,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	5%			2020	$52,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2025	$63,600	10	$11,400	
Exit, Service	50%			2025	$12,700	1		
Exterior Lighting								
HID	100%			2025	$347,500	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2045	* *	5	$29,200	
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$93,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 - Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	20%			2045	* *	4	$1,400	
Steam Piping/Pump	80%			2025	$527,200	4	$5,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Steam And Condensate Piping Are Beyond Useful Life Cycle Rating								
Terminal Devices								
Air Handler	20%			2020	$101,800	1	$11,700	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Blowers Are Beyond Useful Life Cycle Rating								
Convector/Radiator	70%			2023	$624,000	1	$21,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Radiators Are Beyond Useful Life Cycle Rating								
Fan Coil Unit/Heat	10%	0-2	$14,100	2020	$141,300	1	$2,700	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Classrooms, Multiple Mechanical / Electrical Defects								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout Classrooms, Unit Ventilators Are Beyond Useful Life Cycle Rating								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2023	$97,000	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$52,600	
Exhaust Fans								
Interior	80%			2020	$83,500	2	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, Exhaust Fans Are Beyond Useful Life Cycle Rating								
Roof	20%	Now	$1,500	2025	$15,000	2	$500	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : Roof (Defective Kitchen Exhaust Fan Motor)								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2045	* *	1		
Galv Iron/Steel	80%			2023	$225,500	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room, Domestic Hot And Cold Water Piping Beyond Useful Life Cycle Rating								
Water Heater								
Gas Fired	100%			2024	$22,000	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Gallon Capacity								

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DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX

Asset # : 421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%	Now	$10,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Riser Near Boiler Room								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room, Sanitary Piping Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Beyond The Boiler Room, Storm Drain Piping Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Rigid Piping	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2035	* *	1	$5,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 90 - BX MINISCHOOL**				
Address	: **1116 SHERIDAN AVENUE BTWN: MC CLELLAN ST., EAST 166 S**				
Borough	: **BRONX**			**Agency's Number**	: **X890**
Program / Asset #	: **BOE0231.010 / 422**			**Yr Built/Renovated**	: **1969 / 1997**
Area Sq Ft	: **12,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2014**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **2456**	**Lot**	: **100**	**BIN**	: **2002745**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$68,500
Interior Architecture	$163,600	
Electrical	$6,800	$90,600
Total	**$170,400**	**$159,100**
Importance Code A		$68,500
Importance Code B	$170,400	$90,600
Total	**$170,400**	**$159,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,400			
Interior Architecture	$55,900			$2,200
Electrical			$100	$600
Mechanical	$800	$600	$1,800	$2,500
Total	**$69,300**	**$600**	**$1,900**	**$5,300**
Importance Code A	$13,100	$600	$600	$600
Importance Code B	$52,600		$1,300	$4,700
Importance Code C	$3,600			
Total	**$69,300**	**$600**	**$1,900**	**$5,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX MINISCHOOL

Asset # : 422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$4,700	
Metal Panel	95%	Now	$6,400	2035	* *	5	$33,500	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$6,000	2033	* *	5	$1,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Metal Panel	100%			2042	* *	10	$68,500	
Interior								
Floors								
Ceramic Tile	5%	Now	$17,700	2040	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	20%	2-4	$3,100	2030	* *	3	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	60%			2020	$120,700	3	$5,500	
Vinyl Tile 9" X 9"	15%	Now	$30,200	2035	* *	3	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	50%	Now	$3,600	LIFE	* *	5	$3,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$42,900	2030	* *	5	$8,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical / Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX MINISCHOOL

Asset # : 422

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	90%			2025	$19,900	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$3,000	5		
Molded Case Bkrs	70%			2024	$20,900	5	$200	
Molded Case Bkrs	20%			2047	* *	5	$100	
Wiring								
Thermoplastic	90%			2025	$21,900	1		
Thermoplastic	10%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	5%			2020	$6,800	10	$600	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Mechanical Room								
Explanation : T-12 Lamps								
Fluorescent	95%			2033	* *	10	$10,600	
Other Observation, Extent : Moderate, Area Affected : 95%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2025	$8,200	10	$1,500	
Exit, Service	50%			2025	$1,600	1		
Exterior Lighting								
HID	100%			2025	$45,300	10		
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2033	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 - Gas Fired Hot Air Furnaces								
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 90 - BX MINISCHOOL

Asset # : 422

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2029	* *	2	$700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,800	
Exhaust Fans								
Interior	100%			2025	$13,500	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Electric	100%			2020	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 91 - BX**				
Address	: **2200 AQUEDUCT AVENUE @W. 182 STREET**				
Borough	: **BRONX**			**Agency's Number**	: **X091**
Program / Asset #	: **BOE0232.000 / 198**			**Yr Built/Renovated**	: **1929 / 1999**
Area Sq Ft	: **66,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **29-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3208**	**Lot**	: **1**	**BIN**	: **2014505**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$96,300	$62,400
Interior Architecture		$316,400
Electrical	$258,100	$355,500
Mechanical	$322,200	$522,000
Total	**$676,600**	**$1,256,200**
Importance Code A	$96,300	$99,400
Importance Code B	$580,300	$1,156,800
Total	**$676,600**	**$1,256,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$12,200
Interior Architecture	$1,900	$5,700	$28,500	$1,900
Electrical	$27,900	$1,600	$10,200	$2,500
Mechanical	$39,900	$9,800	$55,700	$9,800
Total	**$69,700**	**$17,000**	**$94,400**	**$26,400**
Importance Code A	$6,700	$6,700	$6,800	$18,900
Importance Code B	$63,000	$10,300	$87,600	$7,500
Importance Code C				
Total	**$69,700**	**$17,000**	**$94,400**	**$26,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,100	
Masonry: Brick	70%			LIFE	* *	5	$48,500	
Masonry: Brick	10%			LIFE	* *	5	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : North Facade								
Masonry: Brick	10%	Now	$41,800	LIFE	* *	5	$6,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Masonry: Granite	5%			LIFE	* *	5	$2,600	
Windows								
Aluminum	100%			2040	* *	5	$24,500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$4,000	
Masonry: Brick	45%			LIFE	* *	5	$4,700	
Masonry: Brick	45%			LIFE	* *	5	$4,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,300	
Roof								
Built-Up (BUR)	95%			2029	* *	10	$54,400	
Copper/Terne	5%			2052	* *	10	$7,200	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$44,300	
Ceramic Tile	5%			2033	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$4,000	
Vinyl Tile	15%			2029	* *	3	$7,600	
Vinyl Tile	25%			2024	$215,400	3	$9,500	
Wood	30%			2039	* *	5	$57,000	
Interior Walls								
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								
Plaster	70%			LIFE	* *	5	$21,400	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$1,600	
Plaster	80%			LIFE	* *	5	$50,300	
Plaster	10%			LIFE	* *	5	$6,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Auditorium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$146,600	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	90%			2040	* *	5	$1,600	
Wiring								
Braided Cloth	10%	2-4	$17,400	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	90%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2022	$60,400	5	$400	
Locally Mounted	20%			2037	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$60,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2029	* *	10	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lamps								
HID	1%			2029	* *	10		
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$8,200	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2019	$59,900	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic	20%	0-2	$136,700	2034	* *	1-3	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Obsolete Equipment; Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$21,000	
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$23,600	2034	* *	4	$3,300	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Vacuum Pump, Basement								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Areas								
Terminal Devices								
Air Handler	40%			2019	$146,000	1	$16,800	
Convector/Radiator	50%			2022	$319,800	1	$10,900	
Fan Coil Unit/Heat	10%			2019	$101,400	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2019	$13,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX

Asset # : 198

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	100%	Now	$1,500	2019	$74,800	2	$1,700	
Not in Service, Extent : Moderate, Area Affected : 80%								
Location : No Belts Available For Replacement								
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2024	$161,800	1		
Galv Iron/Steel	20%	2-4	$4,000	2022	$40,400	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Water Heater								
Gas Fired	100%			2019	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$23,700	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 91 - BX MINISCHOOL**
Address : **2200 AQUEDUCT AVENUE @ W. 182 STREET**
Borough : **BRONX**
Agency's Number : **X891**
Program / Asset # : **BOE0232.010 / 3027**
Yr Built/Renovated : **1969 / 2000**
Area Sq Ft : **6,130**
Project Type : **EDUCATION**
Date of Survey : **29-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1**
Block : **3208** **Lot** : **1** **BIN** : **2014505**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$75,400	
Total	**$75,400**	
Importance Code B	$75,400	
Total	**$75,400**	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$40,500			
Interior Architecture	$36,900			$1,100
Electrical	$300	$200	$6,700	$200
Mechanical	$1,300	$400	$800	$400
Total	**$78,900**	**$600**	**$7,500**	**$1,700**
Importance Code A	$40,800	$300	$300	$300
Importance Code B	$24,300	$300	$7,100	$1,400
Importance Code C	$13,800			
Total	**$78,900**	**$600**	**$7,500**	**$1,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX MINISCHOOL

Asset # : 3027

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	50%	Now	$19,800	LIFE	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	50%	Now	$3,500	2044	* *	5	$9,000	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	0-2	$6,100	2032	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Modified Bitumen	100%	0-2	$11,100	2029	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%	Now	$900	2033	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	95%	0-2	$7,500	2019	$75,400	3	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9" X 9" Units								
Interior Walls								
Concrete Masonry Unit	35%	2-4	$6,400	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	65%	Now	$7,400	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$14,600	2029	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Main Service Switch Rated @ 400 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX MINISCHOOL

Asset # : 3027

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	25%			2032	* *	5		
Molded Case Bkrs	75%			2032	* *	5	$100	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$800	
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$23,200	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$5,600	1	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only; Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$19,000	1-3	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 91 - BX MINISCHOOL

Asset # : 3027

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2024	$7,600	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit Ceiling Duct Mounted								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2022	$3,400	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,500	
Exhaust Fans								
Interior	100%			2024	$6,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%	0-2	$1,000	2024	$1,000	4		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 92 - BX**
Address : **700 EAST 179 STREET BTWN: CROTONA AVE - CLINTON AVE**
Borough : **BRONX** **Agency's Number** : **X092**
Program / Asset # : **BOE0233.000 / 423** **Yr Built/Renovated** : **1930 / 2009**
Area Sq Ft : **87,000** **Project Type** : **EDUCATION**
Date of Survey : **13-Jan-2012** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3092** **Lot** : **14** **BIN** : **2012620**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$319,900	$117,900
Interior Architecture	$303,700	$836,700
Electrical	$828,900	$719,000
Mechanical	$326,600	$186,600
Total	**$1,779,000**	**$1,860,200**
Importance Code A	$319,900	$154,900
Importance Code B	$1,419,800	$1,593,900
Importance Code C	$39,300	$111,400
Total	**$1,779,000**	**$1,860,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,700		$16,100	
Interior Architecture	$7,000			$7,000
Electrical	$19,100	$13,800	$2,500	$2,900
Mechanical	$45,100	$34,100	$16,900	$14,200
Total	**$72,900**	**$48,000**	**$35,500**	**$24,100**
Importance Code A	$10,500	$9,000	$25,000	$8,800
Importance Code B	$62,400	$38,900	$10,600	$15,300
Importance Code C				
Total	**$72,900**	**$48,000**	**$35,500**	**$24,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$35,700	
Masonry: Brick	90%	Now	$248,100	LIFE	* *	5	$82,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Foundation, Boiler Room								
Masonry: Granite	5%			LIFE	* *	5	$3,400	
Windows								
Aluminum	100%			2039	* *	5	$32,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,600	
Copper/Terne	5%			2067	* *	5	$3,300	
Masonry: Brick	80%			LIFE	* *	5	$11,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,300	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$71,800	
Copper/Terne	5%			2051	* *	10	$9,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$58,400	
Ceramic Tile	3%			2026	$77,700	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,200	
Vinyl Tile	42%			2023	$477,000	3	$28,100	
Wood	30%	Now	$264,300	2038	* *	5	$37,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	3%			2026	$111,400	5	$4,000	
Masonry: Brick	15%	Now	$39,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Marble Panels	2%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$32,300	
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	$2,100	
Plaster	90%			LIFE	* *	5	$74,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 1600 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$171,100	5	$400	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$17,900	5	$200	
Fused Disc Sw	5%			2039	* *	5	$100	
Molded Case Bkrs	80%			2022	$143,500	5	$1,800	
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	90%	2-4	$230,000	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Locally Mounted	10%	Now	$7,600	2043	* *	5		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$80,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$10,800	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2018	$328,600	10	$300	
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$79,000	1	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only								
Fire/Smoke Detection								
No Component	70%							
Generic	30%	2-4	$270,300	2033	* *	1-3	$14,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Obsolete Equipment, Alarm Bells And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$88,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$6,600	
Terminal Devices								
Air Handler	50%			2018	$240,600	1	$27,600	
Convector/Radiator	50%	Now	$21,100	2028	* *	1	$13,000	
Leak Evident, Extent : Moderate, Area Affected : 8%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$36,700	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%	Now	$7,700	LIFE	* *	2-5	$24,900	
Broken, Extent : Severe, Area Affected : 20%								
Location : Roof Cap								
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 92 - BX

Asset # : 423

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	50%	Now	$2,500	2018	$49,300	2	$1,100	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : 4th Floor Exhaust Fan, Basement								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2033	* *	1		
Galv Iron/Steel	70%			2021	$186,600	1		
Water Heater								
Gas Fired	100%			2018	$20,800	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2033	* *	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 93 - BX**		
Address	: **1535 STORY AVENUE @ELDER AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **X093**
Program / Asset #	: **BOE0234.000 / 424**	**Yr Built/Renovated**	: **1930 / 2012**
Area Sq Ft	: **78,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **3652** **Lot** : **1**	**BIN**	: **2097341**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$64,300	$73,700
Interior Architecture	$509,100	$338,100
Electrical	$1,241,500	$371,000
Mechanical		$252,200
Total	**$1,814,900**	**$1,035,000**
Importance Code A	$64,300	$92,200
Importance Code B	$1,750,600	$942,800
Total	**$1,814,900**	**$1,035,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,600			$14,500
Interior Architecture	$11,400	$4,000	$27,600	
Electrical	$1,800	$2,400	$12,300	$1,700
Mechanical	$22,300	$13,000	$30,600	$15,800
Total	**$39,100**	**$19,400**	**$70,500**	**$31,900**
Importance Code A	$11,500	$7,900	$8,100	$22,400
Importance Code B	$25,800	$11,500	$62,400	$9,600
Importance Code C	$1,800			
Total	**$39,100**	**$19,400**	**$70,500**	**$31,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$32,000	
Masonry: Brick	90%			LIFE	* *	5	$73,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$13,300	
Windows								
Aluminum	100%			2040	* *	5	$28,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$10,500	
Masonry: Brick	5%	Now	$3,600	LIFE	* *	5	$600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Parapet Over Canopy At Exit 4/5								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Canopy At Exit 4/5								
Metal Security Bars	5%			2039	* *			
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
Copper/Terne	5%			2052	* *	10	$8,500	
Modified Bitumen	95%			2029	* *	10	$64,300	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout, 2012								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$13,100	
Ceramic Tile	3%			2027	* *	5	$3,600	
Terrazzo	5%			LIFE	* *	5	$4,700	
Vinyl Tile	27%			2024	$274,900	3	$12,100	
Vinyl Tile	50%			2019	$509,100	3	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Corridors								
Explanation : 9x9 Units								
Wood	10%			2039	* *	5	$22,500	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$2,400	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	75%			LIFE	* *	5	$27,100	
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$17,800	
Plaster	80%			LIFE	* *	5	$59,500	
Plaster	5%	Now	$7,800	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Exit 4/5								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Exit 4/5								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	70%			2024	$102,600	5	$200	
Fused Disc Sw	30%			2044	* *	5	$100	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$100	
Fused Disc Sw	10%			2023	$13,500	5	$200	
Molded Case Bkrs	75%			2023	$100,900	5	$1,500	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	70%	2-4	$121,700	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2044	* *	1		
Thermoplastic	20%			2024	$34,800	1		
Motor Controllers								
Locally Mounted	20%			2022	$15,100	5	$100	
Locally Mounted	80%			2037	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	15%			2029	* *	10	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	80%			2019	$711,000	10	$58,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
Incandescent	5%			2019	$44,400	2	$100	
Egress Lighting								
Emergency, Battery	50%			2029	* *	10	$9,700	
Exit, Service	50%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2019	$294,600	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2034	* *	1-3	$16,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$79,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$3,900	
Terminal Devices								
Air Handler	40%			2024	$172,600	1	$19,800	
Convector/Radiator	60%			2029	* *	1	$15,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2022	$32,900	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,600	
Exhaust Fans								
Interior	90%	Now	$4,000	2024	$79,600	2	$1,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Roof	10%			2019	$6,400	2	$200	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$18,600	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit - 400 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX

Asset # : 424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Backs Up In The Basement With A Hard Rain								
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Backflow Preventer								
No Component	90%							
Generic	10%			2024	$800	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Boiler Make Up Line								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,100	
Chemical System								
Wet	20%			2022	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
Wet	10%			2019	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Hood (whdr-600) - Wet								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 93 - BX MINISCHOOL**
Address : **1535 STORY AVENUE @ELDER AVE.**
Borough : **BRONX**
Program / Asset # : **BOE0234.010 / 425**
Area Sq Ft : **12,120**
Date of Survey : **24-Oct-2012**
Areas Surveyed : **Floors 1**
Block : **3652** **Lot** : **1**

Agency's Number : **X893**
Yr Built/Renovated : **1972 / 2006**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **2097341**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$104,800	$95,000
Interior Architecture	$43,300	$152,200
Electrical	$182,700	$45,300
Mechanical		$158,800
Total	**$330,800**	**$451,200**
Importance Code A	$104,800	$95,000
Importance Code B	$226,000	$356,300
Total	**$330,800**	**$451,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$1,500
Interior Architecture	$500	$2,200		
Electrical	$10,000	$600	$23,500	$500
Mechanical	$1,500	$1,400	$5,700	$1,400
Total	**$12,100**	**$4,300**	**$29,200**	**$3,400**
Importance Code A	$600	$600	$600	$2,100
Importance Code B	$11,200	$3,700	$28,600	$1,300
Importance Code C	$200			
Total	**$12,100**	**$4,300**	**$29,200**	**$3,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX MINISCHOOL

Asset # : 425

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	100%			2044	* *	5-10	$130,600	
Windows								
Aluminum	100%			2040	* *	5	$2,900	
Roof								
Metal Panel	100%			2037	* *	10	$69,200	
Interior								
Floors								
Ceramic Tile	3%			2027	* *	5	$600	
Vinyl Tile	97%			2024	$152,200	3	$6,700	
Interior Walls								
Ceramic Tile	3%			2027	* *	5	$500	
Concrete Masonry Unit	25%			LIFE	* *	5	$1,600	
Metal Panel	72%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$43,300	2037	* *	5	$8,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$4,800	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical & Electrical Room								
Explanation : Two 200 Amps Main Disconnect Switch								
Raceway								
Conduit	100%			2024	$22,200	1		
Panelboards								
Fused Disc Sw	10%			2023	$3,000	5		
Molded Case Bkrs	90%			2023	$26,900	5	$300	
Wiring								
Thermoplastic	100%			2024	$24,300	1		
Motor Controllers								
Locally Mounted	100%			2022	$45,300	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX MINISCHOOL

Asset # : 425

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2019	$136,900	10	$11,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2019	$8,300	10	$1,500	
Exit, Service	50%			2019	$1,700	1		
Exterior Lighting								
HID	100%			2019	$45,800	10		
Alarm								
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2034	* *	1-3	$5,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	100%			2024	$15,100	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room - Ceiling Duct Mounted								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	100%			2025	$158,800	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Mechanical Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Interior	100%			2024	$13,600	2	$400	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 93 - BX MINISCHOOL

Asset # : 425

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	100%			2019	$1,900	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	20%			2022	$5,700	1-3	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Pressure Fire Extinguishers								
No Component	80%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 94 - BX**				
Address	: **3530 KINGS COLLEGE PLACE @E. 211 STREET**				
Borough	: **BRONX**		**Agency's Number**	: **X094**	
Program / Asset #	: **BOE0235.000 / 426**		**Yr Built/Renovated**	: **1929 / 2003**	
Area Sq Ft	: **66,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **13-Sep-2011**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**				
Block	: **3356**	**Lot** : **36**	**BIN**	: **2018628**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$137,300	$107,700
Interior Architecture	$382,800	$716,300
Electrical	$1,084,900	$705,700
Mechanical	$452,000	$319,800
Total	**$2,057,000**	**$1,849,500**
Importance Code A	$137,300	$144,700
Importance Code B	$1,919,700	$1,620,300
Importance Code C		$84,500
Total	**$2,057,000**	**$1,849,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$600	$12,100	
Interior Architecture	$17,300			$2,500
Electrical	$2,600	$2,500	$1,800	$1,900
Mechanical	$15,100	$23,900	$15,400	$9,900
Total	**$35,000**	**$27,000**	**$29,400**	**$14,300**
Importance Code A	$6,700	$7,500	$18,800	$6,700
Importance Code B	$20,100	$19,500	$10,600	$7,600
Importance Code C	$8,200			
Total	**$35,000**	**$27,000**	**$29,400**	**$14,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$40,700	
Masonry: Brick	25%	Now	$56,200	LIFE	* *	5	$18,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker, Boiler Room, Foundation, Rooms 452 And 359								
Masonry: Brick	65%			LIFE	* *	5	$48,400	
Masonry: Limestone	3%			LIFE	* *	5	$1,700	
Windows								
Aluminum	95%			2039	* *	5	$24,200	
Wood	5%	Now	$35,800	2048	* *	5	$6,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,300	
Copper/Terne	3%			2058	* *	5	$1,300	
Masonry: Brick	90%			LIFE	* *	5	$7,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$45,400	
Copper/Terne	5%			2051	* *	10	$6,000	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$55,400	
Mosaic Tile	5%			2021	$303,100	5	$12,700	
Vinyl Tile	20%			2023	$172,300	3	$10,100	
Wood	50%	Now	$334,200	2038	* *	5	$47,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Fourth Floor Corridor, Gymnasium, Room 421								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Fourth Floor Corridor, Gymnasium, Room 421								
Interior Walls								
Ceramic Tile	3%			2026	$84,500	5	$3,100	
Masonry: Brick	20%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Marble Panels	2%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$21,400	
Plaster	5%	Now	$8,200	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 452								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Room 452								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	15%	Now	$48,600	LIFE	* *	5	$2,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Steel Beam In Boiler Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Plaster	5%	Now	$6,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Room 454								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 454								
Plaster	80%			LIFE	* *	5	$50,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$146,600	5	$300	
Raceway								
Conduit	90%			2023	$111,500	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	15%			2022	$20,200	5	$200	
Molded Case Bkrs	10%			2031	* *	5	$200	
Molded Case Bkrs	75%			2022	$100,900	5	$1,300	
Wiring								
Braided Cloth	70%	2-4	$121,700	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2033	* *	1		
Motor Controllers								
Locally Mounted	80%			2021	$60,400	5	$400	
Locally Mounted	20%			2036	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Metal Water Pipe - Point Of Contact Not Visible, Covered With Insulation								
Lighting								
Interior Lighting								
Fluorescent	80%			2018	$601,600	10	$49,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	15%			2028	* *	10	$9,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	5%			2018	$37,600	2	$100	
Egress Lighting								
Emergency, Service	50%			2023	$16,700	1		
Exit, Service	50%			2023	$9,100	1		
Exterior Lighting								
HID	100%			2023	$249,300	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$59,900	1	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only , Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$205,100	1-3	$12,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX

Asset # : 426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$67,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$5,000	
Terminal Devices								
Air Handler	20%			2018	$73,000	1	$8,400	
Convector/Radiator	50%			2021	$319,800	1	$10,900	
Fan Coil Unit/Heat	30%			2018	$304,100	1	$6,600	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$13,900	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$37,800	
Exhaust Fans								
Interior	100%			2018	$74,800	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$4,000	2033	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main, Basement								
Water Heater								
Gas Fired	100%			2022	$15,800	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$23,700	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S. 94 - BX ANNEX**		
Address	: **268 EAST 211 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **X361**
Program / Asset #	: **BOE0235.020 / 14575**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **51,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Sep-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3356** **Lot** : **36**	**BIN**	: **2115241**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$310,100
Interior Architecture	$59,400	$116,900
Electrical		$46,800
Total	**$59,400**	**$473,800**
Importance Code A		$310,100
Importance Code B	$59,400	$106,200
Importance Code C		$57,500
Total	**$59,400**	**$473,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$41,900		
Interior Architecture		$47,000		
Electrical	$1,900	$2,700	$2,500	$2,700
Mechanical	$7,500	$5,400	$11,100	$5,400
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$21,200**	**$108,800**	**$25,400**	**$20,000**
Importance Code A	$2,500	$44,400	$2,600	$2,500
Importance Code B	$18,700	$54,100	$22,800	$17,400
Importance Code C		$10,300		
Total	**$21,200**	**$108,800**	**$25,400**	**$20,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$63,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : New Building Completed In 2010.								
Metal Panel	5%			2053	* *	5-10	$39,900	
Pre-Cast Concrete	35%			LIFE	* *	5	$131,900	
Window Wall	5%			2053	* *	5	$21,700	
Windows								
Aluminum	95%			2048	* *	5	$24,300	
Metal Louvers	5%			2038	* *	10	$8,000	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$7,600	
Pre-Cast Concrete	50%			LIFE	* *	5	$48,000	
Roof								
Copper/Terne	10%			2063	* *	10	$18,400	
IRMA/Protected Membrane	90%			2033	* *	10	$66,400	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$15,300	
Ceramic Tile	5%			2038	* *	5	$7,000	
Quarry Tile	5%			2043	* *	5	$10,500	
Sheet Vinyl/Rubber	15%			2033	* *	5	$31,500	
Vinyl Tile	70%			2033	* *	3	$36,700	
Interior Walls								
Ceramic Tile	15%			2038	* *	5	$20,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$5,500	
Gypsum Board	70%			LIFE	* *	5	$57,500	
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$118,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$17,500	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$44,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Cfl Compact Fluorescent Light Fixtures								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Some Light Fixtures Equipped With Battery Pack								
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Steel								
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance System And Intrusion Alarm System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2031	* *	1-3	$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Furnace	70%			2031	* *	1	$17,700	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Hot Water Boiler	30%			2040	* *	1	$7,600	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%			2045	* *	4	$1,100	
No Component	70%							
Terminal Devices								
Convector/Radiator	30%			2040	* *	1	$4,900	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,400	
Exhaust Fans								
Roof	100%			2031	* *	2	$1,600	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 94 - BX ANNEX

Asset # : 14575

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2022	$11,900	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-3 (1) C-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	$14,300	
Fire Pump								
Generic	100%			2036	* *	1	$9,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 96 - BX**
Address : **650 WARING AVENUE @BARKER AVE.**
Borough : **BRONX** | **Agency's Number** : **X096**
Program / Asset # : **BOE0237.000 / 429** | **Yr Built/Renovated** : **1930 / 2001**
Area Sq Ft : **68,000** | **Project Type** : **EDUCATION**
Date of Survey : **05-Feb-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **4341** **Lot** : **13** | **BIN** : **2049999**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$269,100	$64,300
Interior Architecture	$53,800	$248,300
Electrical	$449,600	$386,200
Mechanical	$43,000	$189,900
Total	**$815,600**	**$888,800**
Importance Code A	$269,100	$101,300
Importance Code B	$546,400	$787,500
Total	**$815,600**	**$888,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$6,000	$1,300	$5,200	
Electrical	$2,100	$2,600	$9,400	$2,100
Mechanical	$11,400	$13,000	$22,100	$11,300
Total	**$19,500**	**$17,000**	**$36,700**	**$13,400**
Importance Code A	$6,900	$6,900	$7,100	$6,900
Importance Code B	$11,500	$10,100	$29,600	$6,500
Importance Code C	$1,100			
Total	**$19,500**	**$17,000**	**$36,700**	**$13,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,900	
Masonry: Brick	90%			LIFE	* *	5	$64,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$11,600	
Windows								
Aluminum	100%	Now	$211,300	2040	* *	5	$12,600	
Air Infiltration, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$9,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,700	
Roof								
Built-Up (BUR)	98%			2029	* *	10	$57,900	
Copper/Terne	2%			2052	* *	10	$3,000	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$57,100	
Ceramic Tile	2%			2027	* *	5	$2,100	
Marble Panels	1%			LIFE	* *	5	$800	
Quarry Tile	5%			2037	* *	5	$7,800	
Terrazzo	2%			LIFE	* *	5	$1,600	
Vinyl Tile	10%			2024	$88,800	3	$3,900	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Auditorium								
Explanation : 9 X 9 Tiles								
Wood	55%			2039	* *	5	$107,700	
Interior Walls								
Ceramic Tile	2%			2027	* *	5	$2,100	
Glass: Single Pane	2%			LIFE	* *	5	$1,600	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	79%			LIFE	* *	5	$24,900	
Ceilings								
AcousTile,Adhered	10%			2029	* *	5	$10,400	
Exposed Concrete	15%			LIFE	* *	5	$2,400	
Plaster	75%			LIFE	* *	5	$48,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Rated At 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$300	
Raceway								
Conduit	90%			2024	$111,500	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	90%			2023	$121,100	5	$1,600	
Molded Case Bkrs	10%			2040	* *	5	$200	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2034	* *	1		
Thermoplastic	10%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2022	$75,500	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$64,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	40%			2029	* *	10	$6,700	
Exit, LED	60%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2024	$41,100	1	$5,100	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2019	$246,500	1-3	$14,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 96 - BX

Asset # : 429

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$69,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$5,200	
Terminal Devices								
Air Handler	30%			2024	$112,800	1	$12,900	
Convector/Radiator	70%			2037	* *	1	$15,800	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$43,000	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,900	
Exhaust Fans								
Interior	100%			2024	$77,100	2	$2,100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		
Water Heater								
Gas Fired	100%			2022	$16,200	2	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2034	* *	1-2	$1,000	
Chemical System								
No Component	80%							
Generic	20%			2019	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S. 96 - BX
Asset # : 429

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S. 97 - BX**
Address : **1375 MACE AVENUE BTWN: FISH AVE., SEYMOUR AVE.**
Borough : **BRONX** | **Agency's Number** : **X097**
Program / Asset # : **BOE0238.000 / 430** | **Yr Built/Renovated** : **1931 / 2014**
Area Sq Ft : **36,000** | **Project Type** : **EDUCATION**
Date of Survey : **29-Apr-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4474** **Lot** : **1** | **BIN** : **2052739**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$37,300	$39,100
Interior Architecture	$148,000	
Electrical	$46,600	$745,400
Mechanical		$629,400
Total	**$231,900**	**$1,413,900**
Importance Code A	$37,300	$39,100
Importance Code B	$194,600	$1,374,800
Total	**$231,900**	**$1,413,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$46,800			
Interior Architecture	$93,900		$4,800	$1,400
Electrical	$13,400		$100	$400
Mechanical	$56,200	$6,000	$9,100	$5,100
Total	**$210,400**	**$6,000**	**$14,100**	**$6,900**
Importance Code A	$50,400	$3,700	$3,700	$3,700
Importance Code B	$102,100	$2,400	$10,400	$3,200
Importance Code C	$57,800			
Total	**$210,400**	**$6,000**	**$14,100**	**$6,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$60,500	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$5,000	
Windows								
Aluminum	100%			2042	* *	5	$12,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$43,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5-10	$8,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2036	* *	10	$39,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$12,100	
Ceramic Tile	3%	Now	$12,900	2035	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Terrazzo	2%	Now	$5,100	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2034	* *	3	$4,100	
Vinyl Tile	20%	Now	$94,000	2036	* *	3	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	50%			2031	* *	3	$10,400	
Interior Walls								
Cast in Place Concrete	5%	2-4	$8,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%	0-2	$18,400	2029	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *	10	$1,700	
Marble Panels	2%	2-4	$4,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	80%			LIFE	* *	5-10	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	5%			2031	* *	5	$2,700	
Exposed Concrete	20%			LIFE	* *	5-10	$13,700	
Plaster	75%	0-2	$54,100	LIFE	* *	5	$25,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2026	$6,600	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 600 Amps Main Disconnect Switch								
Fused Disc Sw	10%			2026	$800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Kitchen								
Fused Disc Sw	10%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$97,700	5	$200	
Raceway								
Conduit	90%			2026	$47,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Knife Sw	5%	2-4	$3,700	2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	80%			2025	$59,800	5	$800	
Molded Case Bkrs	15%			2042	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$46,600	2051	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	20%			2026	$13,300	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	30%			2039	* *	5	$100	
Locally Mounted	70%			2024	$31,700	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$33,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	2%			2021	$8,200	2		
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$4,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$136,000	10	$100	
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2021	$372,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 10,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	80%			2026	$206,300	4	$2,200	
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Steam Piping/Pump	20%			2046	* *	4	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2021	$39,800	1	$4,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Convector/Radiator	35%			2031	* *	1	$4,200	
Convector/Radiator	10%	0-2	$34,900	2046	* *	1	$1,100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective Radiator Control Valves And Thermostat								
Fan Coil Unit/Heat	35%			2021	$193,500	1	$4,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2024	$60,700	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$32,600	
Exhaust Fans								
Interior	100%			2021	$40,800	2	$1,100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2046	* *	1		
Galv Iron/Steel	80%			2024	$88,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2021	$8,600	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit - 250 Gals								
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cast Iron	5%	Now	$4,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S. 97 - BX

Asset # : 430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2031	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Back Flow Preventer Serve Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2036	* *	1-2	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 208 - Q**				
Address	: **74-30 COMMONWEALTH BOULEVARD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q208**
Program / Asset #	: **BOE1041.000 / 13595**			**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **180,358**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**				
Block	: **7870**	**Lot**	: **70**	**BIN**	: **4529898**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$120,100	$136,900
Interior Architecture	$101,200	$210,100
Electrical	$162,100	$1,405,300
Mechanical		$86,700
Total	**$383,400**	**$1,838,900**
Importance Code A	$120,100	$136,900
Importance Code B	$263,300	$1,652,200
Importance Code C		$49,800
Total	**$383,400**	**$1,838,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$16,800
Interior Architecture	$57,400	$2,700		$25,300
Electrical	$24,200	$18,600	$40,100	$28,300
Mechanical	$84,600	$59,000	$93,600	$94,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$174,000**	**$88,200**	**$141,500**	**$173,200**
Importance Code A	$17,900	$17,900	$18,200	$34,700
Importance Code B	$156,200	$70,300	$123,300	$138,500
Importance Code C				
Total	**$174,000**	**$88,200**	**$141,500**	**$173,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$136,900	
Pre-Cast Concrete	7%			LIFE	* *	5	$34,600	
Window Wall	3%			2050	* *	5	$17,100	
Windows								
Aluminum	97%			2040	* *	5	$16,500	
Metal Louvers	3%			2033	* *	10	$3,200	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	$15,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$7,100	
Roof								
Fiberglass Panel	10%			2033	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Side								
Explanation : Canopies Along Building Perimeter								
IRMA/Protected Membrane	75%	Now	$82,300	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : At Drains								
Metal Panel	15%			2037	* *	10	$37,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$59,100	
Ceramic Tile	2%			2033	* *	5	$5,400	
Terrazzo	3%			LIFE	* *	5	$6,300	
Vinyl Tile	75%			2029	* *	3	$101,200	
Wood	10%			2052	* *	5	$50,600	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$49,800	
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Gypsum Board	8%			LIFE	* *	5	$9,200	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$13,500	
AcousTileSusp.Lay-In	75%			2037	* *	5	$202,500	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$16,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kva, 480/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$800	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$4,700	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$55,500	
Generators								
Diesel	100%			2033	* *	1	$69,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 500 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$40,200	
Fuel Storage								
Day Tank	50%			2040	* *	5	$16,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2052	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$162,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2024	$681,200	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$5,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$163,700	1	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$560,400	1-3	$33,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$178,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$8,900	
Terminal Devices								
Air Handler	60%			2029	* *	1	$66,900	
Convector/Radiator	40%			2037	* *	1	$23,300	
Air Conditioning								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 208 - Q

Asset # : 13595

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$83,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$8,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$111,500	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$125,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,600	
Exhaust Fans								
Interior	80%			2032	* *	2	$4,400	
Roof	20%			2029	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$42,000	2	$2,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B,1,2,3 (1) B-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$94,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$50,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P. S./I. S. 208 - Q
Asset # : 13595

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 89 - M**				
Address	: **201 WARREN STREET @ WEST ST**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M089**
Program / Asset #	: **BOE0962.000 / 4468**			**Yr Built/Renovated**	: **1998 / 2013**
Area Sq Ft	: **95,000**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,4,5**				
Block	: **16**	**Lot**	: **220**	**BIN**	: **1085459**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$52,100	$390,200
Interior Architecture	$162,400	$120,900
Electrical		$89,700
Total	**$214,500**	**$600,800**
Importance Code A	$52,100	$390,200
Importance Code B	$96,900	$145,100
Importance Code C	$65,500	$65,500
Total	**$214,500**	**$600,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$50,600		$5,800	
Interior Architecture	$104,200		$58,900	$9,000
Electrical	$25,900	$8,000	$10,000	$8,000
Mechanical	$140,200	$40,800	$64,800	$41,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$330,700**	**$58,700**	**$149,300**	**$68,300**
Importance Code A	$55,600	$5,000	$10,700	$5,000
Importance Code B	$236,800	$53,700	$138,500	$58,000
Importance Code C	$38,300			$5,200
Total	**$330,700**	**$58,700**	**$149,300**	**$68,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	2%			LIFE	* *	5	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above 3rd Fl Courtyard								
Explanation : Trellis Structure								
Masonry: Brick Cavity	93%			LIFE	* *	5	$104,200	
Granite Panels	3%			LIFE	* *	5	$2,500	
Pre-Cast Concrete	2%			LIFE	* *	5	$7,300	
Windows								
Aluminum	85%			2034	* *	5	$11,500	
Glass Block	15%			LIFE	* *	5	$2,500	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$39,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	70%			2026	$300,400	10	$37,700	
IRMA/Protected Membrane	30%	Now	$3,200	2031	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Courtyard - Southwest Corner								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Courtyard								
Interior								
Floors								
Carpet	5%			2025	$96,300	3	$11,300	
Cast in Place Concrete	10%			LIFE	* *	5	$66,000	
Ceramic Tile	5%			2035	* *	5	$7,500	
Quarry Tile	2%			2039	* *	5	$4,500	
Vinyl Tile	68%			2031	* *	3	$38,500	
Wood	10%			2054	* *	5	$28,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$10,500	
Concrete Masonry Unit	60%			LIFE	* *	5	$100,800	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Perimeter Walls								
Concrete Masonry Unit	18%			LIFE	* *	5	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium And Main Corridors								
Explanation : Premium Material Type								
Glass: Single Pane	5%			LIFE	* *	5	$15,700	
Gypsum Board	5%			LIFE	* *	5-10	$17,800	
Operable Wall	3%			2046	* *	5	$22,000	
SGFT/Glazed Masonry	2%			LIFE	* *	10	$2,100	
Wood	2%			LIFE	* *	5	$33,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium Walls								
Explanation : Wood Panels								
Ceilings								
AcousTileConcealSpLn	25%	2-4	$6,000	2039	* *	5	$23,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	35%			2039	* *	5	$51,700	
Exposed Struc: Steel	8%			LIFE	* *	10	$23,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								
Gypsum Board	30%			LIFE	* *	5-10	$152,300	
Plaster	2%			LIFE	* *	5-10	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Stucco								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2039	* *	5	$100	
Motor Control Center	90%			2039	* *	5	$2,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pump Room								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$29,200	
Generators								
Diesel	100%			2035	* *	1	$36,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Generator Rated @ 400 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$21,200	
Fuel Storage								
Day Tank	50%			2042	* *	5	$9,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 50 Gallons Tank Capacity								
Main Tank	50%			2054	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : 550 Gallons Tank Capacity								
Lighting								
Interior Lighting								
Fluorescent	92%			2031	* *	10	$85,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$4,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Explanation : Compact Fluorescent Light								
HID	2%			2031	* *	10	$100	
Incandescent	1%			2031	* *	2		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
Fluorescent	10%			2031	* *	10	$900	
HID	90%			2031	* *	10	$300	
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Bells, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 7,500 Gallon Tank For #2 Fuel								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2048	* *	4	$5,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convector/Radiator	60%	0-2	$28,600	2039	* *	1	$17,600	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Eastside Corridor Near Custodian Office								
Induction Unit	40%	0-2	$7,700	2035	* *	1	$11,700	
Damaged, Extent : Moderate, Area Affected : 25%								
Location : Various Classrooms, Broken Speed Control Selector Switches, Clogged Unit Ventilator Drain Piping								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Unit Ventilators								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$109,100	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse,1 Of 2 Chillers Recently Refurbished, The Other Scheduled To Be Rehabed In The Near Future.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Chiller Room								
Explanation : 2 Chillers / R-123 Refrigerant								
Distribution								
Chilled Wtr Pipe/Pump	100%			2052	* *	4	$5,000	
Terminal Devices								
Air Handler/Cool/Ht	60%			2031	* *	1	$37,400	
Fan Coil - Cool/Heat	40%			2031	* *	1	$13,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Equipment Accounted For Under Heating Section Of This Report								
Heat Rejection								
Water Cool Tower	100%			2027	* *	2	$101,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Roof, Equipment Recently Rehabed								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,000	
Exhaust Fans								
Interior	90%			2031	* *	2	$2,800	
Roof	10%			2031	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$6,000	2052	* *	1		
Damaged, Extent : Severe, Area Affected : 100%								
Location : First Floor Water Meter Room, Defective Compression Tank								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ist Floor								
Explanation : Triplex Booster Pumps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 89 - M

Asset # : 4468

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$23,500	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 6th Floor Penthouse Mechanical Room								
Explanation : 2- 600 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	* *	1	$6,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 To 5								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$50,800	
Sprinkler								
Generic	100%			2052	* *	1-2	$28,200	
Fire Pump								
Generic	100%			2035	* *	1	$18,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 176 - M**		
Address	: **4862 BROADWAY @ W.204 ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M176**
Program / Asset #	: **BOE0964.000 / 4478**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **76,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **02-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2234** **Lot** : **7**	**BIN**	: **1064900**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$110,300	$416,600
Interior Architecture	$180,900	$103,400
Electrical		$273,700
Total	**$291,200**	**$793,700**
Importance Code A	$110,300	$416,600
Importance Code B	$180,900	$377,100
Total	**$291,200**	**$793,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$81,400		$8,600	
Interior Architecture	$173,000		$19,500	$6,000
Electrical	$13,100	$5,900	$8,200	$5,900
Mechanical	$54,800	$31,000	$33,200	$24,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$326,300**	**$40,800**	**$73,500**	**$40,400**
Importance Code A	$93,300	$8,000	$16,600	$8,000
Importance Code B	$113,000	$32,800	$57,000	$28,200
Importance Code C	$120,000			$4,200
Total	**$326,300**	**$40,800**	**$73,500**	**$40,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	$1,000	
Masonry: Brick	83%			LIFE	* *	5	$69,300	
Pre-Cast Concrete	5%			LIFE	* *	5	$13,600	
Stucco Cement	10%			2039	* *	5	$10,400	
Windows								
Aluminum	95%	Now	$41,400	2042	* *	5	$4,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 404, 410, Library								
Glass Block	5%	Now	$5,200	LIFE	* *	5	$300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Stair C								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair C								
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$37,900	
Metal Rail	5%			2039	* *	5-10	$5,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,900	
Roof								
IRMA/Protected Membrane	75%			2026	$309,000	10	$38,800	
Metal Panel	15%			2031	* *	10	$14,200	
Sloped Glazing	10%			LIFE	* *	5	$137,800	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$52,800	
Ceramic Tile	3%			2035	* *	5	$3,600	
Quarry Tile	2%			2039	* *	5	$3,600	
Vinyl Tile	80%			2031	* *	3	$36,200	
Wood	5%			2054	* *	5	$11,300	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$8,400	
Concrete Masonry Unit	30%			LIFE	* *	5	$40,300	
Glass Block	2%			LIFE	* *	10	$1,300	
Gypsum Board	15%			LIFE	* *	5-10	$42,800	
Plaster	13%			LIFE	* *	5-10	$18,600	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$25,200	
Wood	5%			LIFE	* *	5	$67,200	
Ceilings								
AcousTile,Adhered	10%			2031	* *	5	$11,800	
AcousTileSusp.Lay-In	5%			2031	* *	5	$5,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,800	
Gypsum Board	70%			LIFE	* *	5-10	$284,300	
Metal Panel	10%			LIFE	* *	5	$29,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$200	
Molded Case Bkrs	90%			2042	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$23,400	
Generators								
Diesel	100%			2035	* *	1	$29,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse Generator Room								
Explanation : One 250 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$2,800	
Fuel Storage								
Day Tank	50%			2042	* *	5	$7,500	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room								
Explanation : One 40 Gallons								
Main Tank	50%			2054	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : One 10,000 Gallons								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$70,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2031	* *	10	$100	
Incandescent	2%			2026	$17,900	2		
Egress Lighting								
Emergency, Service	50%			2026	$19,800	1		
Exit, Service	50%			2026	$10,900	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$46,000	1	$5,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$157,400			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 1- 10,000 Gallon Tank For #2 Fuel Oil								
Conversion Equipment								
Steam Boiler	99%			2039	* *	1	$79,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Steam Boiler	1%	Now	$3,900	2046	* *	1	$700	
Damaged, Extent : Severe, Area Affected : 50%								
Location : Basement Boiler Room, 1 Of 2 Defective Boiler Blower Fan Motor								
Distribution								
Steam Piping/Pump	100%			2046	* *	4	$6,000	
Terminal Devices								
Air Handler	50%			2031	* *	1	$24,900	
Convector/Radiator	50%			2039	* *	1	$13,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 176 - M

Asset # : 4478

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	100%			2031	* *			
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$49,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fan Rooms								
Explanation : Equipment Accounted For Under Heating Section Of This Report								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$71,200	
Exhaust Fans								
Interior	100%			2031	* *	2	$2,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,800	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 400 Gallon Hot Water Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$40,700	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$2,300	
Fire Pump								
Generic	100%			2035	* *	1	$15,100	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S./I. S. 194 - BX**
Address : **1301 ZEREGA AVENUE @WATERBURY AVENUE**
Borough : **BRONX** | **Agency's Number** : **X194**
Program / Asset # : **BOE1029.000 / 13582** | **Yr Built/Renovated** : **2003 / 2013**
Area Sq Ft : **163,130** | **Project Type** : **EDUCATION**
Date of Survey : **22-Feb-2013** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **3834** **Lot** : **70** | **BIN** : **2103494**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$79,700	$181,100
Interior Architecture	$101,900	$331,300
Electrical	$148,100	
Mechanical		$546,600
Total	**$329,700**	**$1,059,000**
Importance Code A	$79,700	$181,100
Importance Code B	$250,000	$648,500
Importance Code C		$229,400
Total	**$329,700**	**$1,059,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$26,500			$26,500
Interior Architecture	$45,500	$6,100		$60,900
Electrical	$15,100	$15,400	$12,300	$21,500
Mechanical	$89,700	$54,700	$119,100	$65,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$184,800**	**$84,200**	**$139,300**	**$182,500**
Importance Code A	$42,700	$16,200	$16,500	$42,600
Importance Code B	$137,000	$68,000	$122,800	$108,100
Importance Code C	$5,100			$31,900
Total	**$184,800**	**$84,200**	**$139,300**	**$182,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$133,000	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Pre-Cast Concrete	10%			LIFE	* *	5	$48,000	
Windows								
Aluminum	95%			2040	* *	5	$52,900	
Glass Block	2%			LIFE	* *	5	$700	
Metal Louvers	3%			2033	* *	10	$10,400	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$14,500	
Metal Rail	10%			2037	* *	5-10	$43,700	
Pre-Cast Concrete	10%			LIFE	* *	5	$15,200	
Under Construction	20%							
Roof								
Built-Up (BUR)	75%			2029	* *	10	$79,700	
Under Construction	25%							
Interior								
Floors								
Carpet	5%			2023	$155,800	3	$24,400	
Cast in Place Concrete	5%			LIFE	* *	5	$26,700	
Ceramic Tile	5%			2033	* *	5	$12,200	
Terrazzo	5%			LIFE	* *	5	$9,500	
Vinyl Tile	75%			2029	* *	3	$91,600	
Wood	5%			2052	* *	5	$22,900	
Interior Walls								
Ceramic Tile	2%			2037	* *	5	$10,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$20,400	
Folding Partition	5%			2040	* *	5	$63,700	
Gypsum Board	55%			LIFE	* *	5	$168,200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	3%			LIFE	* *	5	$61,200	
Ceilings								
AcousTileSusp.Lay-In	85%			2037	* *	5	$203,800	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$30,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	90%			2044	* *	5	$600	
Molded Case Bkrs	10%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2040	* *	5	$200	
Molded Case Bkrs	95%			2040	* *	5	$4,100	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,000	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Connected To Main Water Pipe; Point Of Contact Not Visible - Covered With Insulation								
Stand-by Power								
Generators								
Diesel	100%			2033	* *	1	$63,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Emergency Generator Rated @ 500 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,000	
Fuel Storage								
Day Tank	50%			2040	* *	5	$15,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 60 Gallons Capacity								
Main Tank	50%			2052	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	97%			2029	* *	10	$145,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2029	* *	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light Fixtures								
HID	1%			2032	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$18,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$31,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$161,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$8,000	
Terminal Devices								
Air Handler	40%			2029	* *	1	$40,400	
Convector/Radiator	60%			2037	* *	1	$31,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2033	* *	1	$176,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$8,000	
Heat Rejection								
Water Cool Tower	100%			2025	$468,300	2	$164,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$91,000	
Exhaust Fans								
Interior	80%			2029	* *	2	$4,000	
Roof	20%			2029	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$37,900	2	$2,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$10,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1-4								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$85,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$45,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 194 - BX

Asset # : 13582

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2033	* *	1	$30,500	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 217 - M**		
Address	: **645 MAIN ST., ROOSEVELT ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M271**
Program / Asset #	: **BOE0985.000 / 4150**	**Yr Built/Renovated**	: **1992 / 2011**
Area Sq Ft	: **95,800**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **1373** **Lot** : **1**	**BIN**	: **1084848**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$103,800	$304,800
Interior Architecture	$250,700	$37,700
Electrical		$1,933,000
Mechanical		$246,200
Total	**$354,500**	**$2,521,700**
Importance Code A	$103,800	$304,800
Importance Code B	$114,300	$2,179,200
Importance Code C	$136,400	$37,700
Total	**$354,500**	**$2,521,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,100			
Interior Architecture	$110,400		$33,800	$2,300
Electrical	$10,900	$7,700	$20,000	$7,700
Mechanical	$72,200	$52,700	$45,800	$52,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$231,400**	**$68,300**	**$107,500**	**$70,200**
Importance Code A	$35,600	$4,600	$5,500	$4,600
Importance Code B	$159,500	$63,700	$102,000	$65,600
Importance Code C	$36,400			
Total	**$231,400**	**$68,300**	**$107,500**	**$70,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$94,300	
Masonry: Brick	60%			LIFE	* *	5	$113,200	
Metal Panel	10%			2046	* *	5-10	$64,900	
Window Wall	20%			2046	* *	5	$70,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 1%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Cafeteria								
Windows								
Aluminum	80%			2042	* *	5	$29,700	
Glass Block	15%			LIFE	* *	5	$7,000	
Metal Louvers	5%			2035	* *	10	$11,600	
Parapets								
Masonry: Brick	70%			LIFE	* *	5-10	$12,800	
Metal Rail	25%			2031	* *	5-10	$12,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,700	
Roof								
Modified Bitumen	97%			2036	* *	10	$83,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Metal/Glass	3%			2046	* *	10	$8,600	
Interior								
Floors								
Carpet	10%			2025	$196,400	3	$23,100	
Cast in Place Concrete	5%			LIFE	* *	5	$33,700	
Ceramic Tile	3%			2035	* *	5	$4,600	
Quarry Tile	2%			2039	* *	5	$4,600	
Sheet Vinyl/Rubber	10%			2031	* *	5	$23,100	
Terrazzo	15%			LIFE	* *	5	$36,100	
Vinyl Tile	50%			2031	* *	3	$28,800	
Wood	5%			2054	* *	5	$14,400	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$67,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,200	
Gypsum Board	35%			LIFE	* *	5-10	$106,800	
Masonry: Brick	20%			LIFE	* *	10	$10,800	
Metal Panel	5%			LIFE	* *	10	$4,000	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$18,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$13,900	
Exposed Concrete	15%			LIFE	* *	5-10	$26,100	
Exposed Concrete	60%			LIFE	* *	5-10	$104,500	
Gypsum Board	10%			LIFE	* *	5-10	$47,900	
Metal Panel	5%			LIFE	* *	5	$17,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Transformers								
Dry Type	100%			2031	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kva, 460/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$400	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$100	
Molded Case Bkrs	95%			2034	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	10%			2031	* *	5	$100	
Motor Control Center	90%			2031	* *	5	$2,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$29,500	
Generators								
Diesel	100%			2029	* *	1	$37,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Rated @ 175 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,500	
Fuel Storage								
Day Tank	100%			2034	* *	5	$19,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gallons Rated Capacity								
Lighting								

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	86%			2026	$981,900	10	$81,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2026	$114,200	10	$9,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2026	$16,400	10	$100	
Incandescent	2%			2026	$22,800	2		
Egress Lighting								
Emergency, Service	50%			2026	$25,300	1		
Exit, Service	50%			2026	$13,900	1		
Exterior Lighting								
HID	100%			2026	$361,800	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$87,000	1	$10,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System, Motion Sensors								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	$297,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Hot Water Boiler	90%			2039	* *	1	$45,700	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Second Floor Mechanical Equipment Room								
Explanation : 2 - Electric Hot Water Boilers								
Radiant Heater	10%			2031	* *	2	$4,800	
Distribution								
Hot Wtr Piping/Pump	90%			2042	* *	4	$6,800	
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	60%			2031	* *	1	$38,100	
Fan Coil Unit/Heat	40%			2031	* *	1	$13,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2029	* *	1	$111,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Mechanical Equipment Room								
Explanation : 350 Tons - R12 Refrigerant								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$7,600	
Terminal Devices								
Air Handler/Cool/Ht	60%			2031	* *	1	$38,100	
Fan Coil - Cool/Heat	40%			2031	* *	1	$13,300	
Heat Rejection								
Air Condenser Unit	100%			2026	$205,300	2	$71,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,700	
Exhaust Fans								
Interior	50%			2031	* *	2	$1,600	
Roof	50%			2026	$40,900	2	$1,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2025	$23,900	2	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor Mechanical Equipment Room								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$6,300	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 217 - M

Asset # : 4150

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$51,800	
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$7,200	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 235 (218) - BX**		
Address	: **1220 GERARD AVE. @E. 167 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X235**
Program / Asset #	: **BOE1007.000 / 4514**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **125,458**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **2480** **Lot** : **8**	**BIN**	: **2097130**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$122,400	$188,800
Interior Architecture	$42,300	$162,900
Electrical	$115,100	
Total	**$279,700**	**$351,700**
Importance Code A	$122,400	$188,800
Importance Code B	$157,300	$77,500
Importance Code C		$85,400
Total	**$279,700**	**$351,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$4,500			$11,800
Interior Architecture	$70,300			$17,600
Electrical	$15,700	$12,500	$28,900	$15,000
Mechanical	$83,600	$34,900	$82,800	$43,400
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$185,900**	**$59,200**	**$123,500**	**$99,700**
Importance Code A	$16,300	$11,800	$12,100	$23,600
Importance Code B	$164,400	$47,400	$111,400	$76,100
Importance Code C	$5,200			
Total	**$185,900**	**$59,200**	**$123,500**	**$99,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 235 (218) - BX

Asset # : 4514

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,600	
Masonry: Brick	80%			LIFE	* *	5	$117,300	
Pre-Cast Concrete	15%			LIFE	* *	5	$71,500	
Windows								
Aluminum	100%			2040	* *	5	$23,600	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$6,900	
Metal Rail	5%			2037	* *	5-10	$7,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,100	
Roof								
Built-Up (BUR)	65%			2029	* *	10	$61,600	
Metal Panel	35%			2037	* *	10	$60,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$20,500	
Ceramic Tile	10%			2037	* *	5	$18,800	
Terrazzo	5%			LIFE	* *	5	$7,300	
Vinyl Tile	75%			2029	* *	3	$70,400	
Wood	5%			2052	* *	5	$17,600	
Interior Walls								
Ceramic Tile	5%			2037	* *	5	$10,400	
Concrete Masonry Unit	30%			LIFE	* *	5	$25,000	
Glass Block	5%			LIFE	* *			
Gypsum Board	35%			LIFE	* *	5	$43,800	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$41,700	
Ceilings								
AcousTileConcealSpLn	25%			2037	* *	5	$58,700	
AcousTileSusp.Lay-In	45%			2037	* *	5	$84,500	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$35,200	
Metal Panel	5%			LIFE	* *	5	$11,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Main Services Rated @ 2500 & 2000 & 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 235 (218) - BX

Asset # : 4514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	30%			2040	* *	5	$900	
Molded Case Bkrs	70%			2040	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$38,600	
Generators								
Diesel	100%			2033	* *	1	$48,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kw & Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$28,000	
Fuel Storage								
Main Tank	100%			2052	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 500 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$115,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	* *	1	$9,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 235 (218) - BX

Asset # : 4514

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$31,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Heat Exchanger	10%			2033	* *	1	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Heat Exchangers Convert Steam To Hot Water For Heating Devices								
Steam Boiler	90%			2037	* *	1	$111,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	70%			2040	* *	4	$4,300	
Steam Piping/Pump	30%			2044	* *	4	$1,900	
Terminal Devices								
Convector/Radiator	20%			2041	* *	1	$8,100	
Fan Coil Unit/Heat	50%			2029	* *	1	$20,300	
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Covered Under A C								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$58,200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Chillers								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$6,200	
Terminal Devices								
Air Handler/Cool/Ht	30%			2029	* *	1	$23,300	
Fan Coil - Cool/Heat	70%			2029	* *	1	$28,400	
Heat Rejection								
Remote Air Cond	100%			2029	* *	2	$87,400	
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 235 (218) - BX

Asset # : 4514

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,000	
Exhaust Fans								
Interior	70%			2029	* *	2	$2,700	
Roof	30%			2029	* *	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$29,200	2	$1,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%	Now	$600	2029	* *	1	$6,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Main Water Service Entrance								
Explanation : Leak From Discharge Port								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 70%								
Location : B-4								
Explanation : Two Units								
Hydraulic	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : B-2								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$65,600	
Sprinkler								
Generic	100%	Now	$29,300	2044	* *	1-2	$30,500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor, Auditorium And Principal Office								
Fire Pump								
Generic	100%			2033	* *	1	$23,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 235 (218) - BX

Asset # : 4514

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Wet	10%			2022	$2,800	1-3	$5,700	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : Ansul-102*								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100% *Location : Throughout* *Explanation : Fire Extinguishers*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 266 - Q**				
Address	: **74-10 COMMONWEALTH BOULEVARD**				
Borough	: **QUEENS**			**Agency's Number**	: **Q266**
Program / Asset #	: **BOE1035.000 / 13588**			**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **180,358**			**Project Type**	: **EDUCATION**
Date of Survey	: **11-Oct-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**				
Block	: **7870**	**Lot**	: **74**	**BIN**	: **4529900**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$90,800	$136,900
Interior Architecture	$101,200	$210,100
Electrical	$162,100	$1,405,300
Mechanical	$125,900	$86,700
Total	**$480,100**	**$1,838,900**
Importance Code A	$90,800	$136,900
Importance Code B	$389,300	$1,652,200
Importance Code C		$49,800
Total	**$480,100**	**$1,838,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,300			$16,800
Interior Architecture	$57,400	$2,700		$25,300
Electrical	$24,200	$18,600	$40,100	$28,300
Mechanical	$126,600	$59,200	$93,300	$86,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$249,300**	**$88,400**	**$141,300**	**$164,500**
Importance Code A	$51,200	$17,900	$18,200	$34,700
Importance Code B	$198,100	$70,600	$123,100	$129,800
Importance Code C				
Total	**$249,300**	**$88,400**	**$141,300**	**$164,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$136,900	
Pre-Cast Concrete	7%			LIFE	* *	5	$34,600	
Window Wall	3%			2050	* *	5	$17,100	
Windows								
Aluminum	97%			2040	* *	5	$16,500	
Metal Louvers	3%			2033	* *	10	$3,200	
Parapets								
Masonry: Brick	93%			LIFE	* *	5	$15,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$7,100	
Roof								
Fiberglass Panel	10%			2033	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance Side								
Explanation : Canopies Along Building Perimeter								
IRMA/Protected Membrane	75%			2029	* *	10	$90,800	
Metal Panel	15%			2037	* *	10	$33,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$59,100	
Ceramic Tile	2%			2033	* *	5	$5,400	
Terrazzo	3%			LIFE	* *	5	$6,300	
Vinyl Tile	75%			2029	* *	3	$101,200	
Wood	10%			2052	* *	5	$50,600	
Interior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$49,800	
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Gypsum Board	8%			LIFE	* *	5	$9,200	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2037	* *	5	$13,500	
AcousTileSusp.Lay-In	75%			2037	* *	5	$202,500	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$16,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2037	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 750 Kva, 480/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$800	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2040	* *	5	$4,700	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%			2037	* *	5	$100	
Motor Control Center	90%			2037	* *	5	$4,400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$55,500	
Generators								
Diesel	100%			2033	* *	1	$69,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 500 Kva								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$40,200	
Fuel Storage								
Day Tank	50%			2040	* *	5	$16,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Capacity								
Main Tank	50%			2052	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$162,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$681,200	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$5,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2024	$163,700	1	$20,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2024	$560,400	1-3	$33,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detector								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$178,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$125,900	2044	* *	4	$8,900	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Terminal Devices								
Air Handler	60%	Now	$11,700	2029	* *	1	$60,200	
Broken, Extent : Moderate, Area Affected : 15%								
Location : Flexible Connections								
Convector/Radiator	40%			2037	* *	1	$23,300	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$83,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units In Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	$17,600	2044	* *	4	$8,900	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Penthouse								
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$111,500	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$125,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$100,600	
Exhaust Fans								
Interior	80%			2032	* *	2	$4,400	
Roof	20%			2032	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$42,000	2	$2,600	
Sanitary Piping								
Cast Iron	100%	Now	$19,600	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Cafeteria								
Explanation : Under Sized Sewage Piping Causing Water Backup								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B,1,2,3 (1) B-4								
Explanation : Two Elevators								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 266 - Q

Asset # : 13588

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$94,300	
Sprinkler								
Generic	100%			2044	* *	1-2	$50,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./I. S. 270 - Q**		
Address	: **233-15 MERRICK BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **Q270**
Program / Asset #	: **BOE1037.000 / 13590**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **87,428**	**Project Type**	: **EDUCATION**
Date of Survey	: **20-Feb-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **12973** **Lot** : **1**	**BIN**	: **4529511**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$85,700	$99,700
Interior Architecture	$52,300	$52,300
Electrical		$78,600
Total	**$138,000**	**$230,700**
Importance Code A	$85,700	$99,700
Importance Code B	$52,300	$130,900
Total	**$138,000**	**$230,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,400			
Interior Architecture	$20,900	$24,200		$9,800
Electrical	$8,900	$8,400	$20,900	$9,200
Mechanical	$43,700	$29,600	$58,700	$35,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$113,700**	**$70,100**	**$87,500**	**$62,500**
Importance Code A	$41,100	$8,700	$8,700	$8,800
Importance Code B	$72,700	$50,300	$78,900	$53,700
Importance Code C		$11,100		
Total	**$113,700**	**$70,100**	**$87,500**	**$62,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$99,700	
Panel/Paver: Limestone	20%			LIFE	* *	5	$18,700	
Windows								
Aluminum	100%	Now	$39,400	2040	* *	5	$9,400	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$12,600	
Metal Rail	15%			2037	* *	5-10	$42,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,900	
Roof								
Built-Up (BUR)	80%			2029	* *	10	$46,300	
Metal Panel	20%	Now	$6,500	2037	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$28,600	
Ceramic Tile	20%			2033	* *	5	$26,200	
Quarry Tile	5%			2037	* *	5	$9,800	
Vinyl Tile	60%			2029	* *	3	$39,300	
Wood	5%			2052	* *	5	$12,300	
Interior Walls								
Ceramic Tile	15%			2033	* *	5	$22,300	
Concrete Masonry Unit	50%			LIFE	* *	5	$29,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Gypsum Board	10%			LIFE	* *	5	$8,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	80%			2037	* *	5	$104,700	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$16,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	35%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	35%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$26,900	
Generators								
Diesel	100%			2037	* *	1	$33,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 300 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$19,500	
Fuel Storage								
Day Tank	50%			2046	* *	5	$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 275 Gals								
Main Tank	50%			2059	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 600 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2032	* *	10	$77,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2032	* *	10	$1,600	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2032	* *	10	$100	
Egress Lighting								
Exit, Service	60%			2032	* *	1		
Exit, Service	40%			2032	* *	1		
Lightning Protection								
Arresters/Cabling								
No Component	50%							
Generic	50%			2059	* *	5	$1,300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2032	* *	1	$8,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$16,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	$86,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,300	
Terminal Devices								
Air Handler	50%			2029	* *	1	$27,000	
Convector/Radiator	50%			2029	* *	1	$14,100	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$40,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$54,100	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$60,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$48,800	
Exhaust Fans								
Interior	85%			2029	* *	2	$2,300	
Roof	15%			2029	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$20,300	2	$1,300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Kitchen								
Explanation : Not With The Water Main								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C, 1-4, Ph								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$45,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I. S. 270 - Q

Asset # : 13590

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$24,500	
Fire Pump								
Generic	100%			2033	* *	1	$16,300	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P. S./I.S. 187 - M**		
Address	**: 349 CABRINI BOULEVARD @ W.187 ST.**		
Borough	**: MANHATTAN**	**Agency's Number**	**: M187**
Program / Asset #	**: BOE0110.000 / 1634**	**Yr Built/Renovated**	**: 1930 / 2004**
Area Sq Ft	**: 67,000**	**Project Type**	**: EDUCATION**
Date of Survey	**: 14-Jan-2014**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 2179 Lot : 365**	**BIN**	**: 1064371**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$45,200	$64,700
Interior Architecture	$166,200	$350,800
Electrical	$1,398,400	$222,600
Mechanical	$257,300	$493,200
Total	**$1,867,100**	**$1,131,400**
Importance Code A	$45,200	$64,700
Importance Code B	$1,822,000	$1,066,700
Total	**$1,867,100**	**$1,131,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,700			$5,300
Interior Architecture	$112,800			$12,800
Electrical		$200	$700	$44,500
Mechanical	$25,700	$10,700	$17,300	$24,000
Total	**$190,200**	**$10,900**	**$18,100**	**$86,700**
Importance Code A	$58,500	$6,800	$6,800	$12,300
Importance Code B	$52,200	$4,100	$11,300	$74,400
Importance Code C	$79,400			
Total	**$190,200**	**$10,900**	**$18,100**	**$86,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$27,500	
Masonry: Brick	85%			LIFE	* *	5	$59,800	
Masonry: Brick	7%	0-2	$45,200	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	3%	2-4	$11,500	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$20,800	2041	* *	5	$12,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$6,700	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	80%			LIFE	* *	5	$8,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,600	
Roof								
Built-Up (BUR)	95%	Now	$12,700	2030	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Metal Panel	5%			2030	* *	10	$5,300	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$67,500	
Ceramic Tile	5%	2-4	$5,000	2034	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$4,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Vestibule								
Vinyl Tile 9" X 9"	25%	2-4	$28,300	2025	$283,300	3	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	35%	4+	$59,400	2040	* *	5	$33,800	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$7,100	2028	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete Masonry Unit	5%	Now	$2,300	LIFE	* *	5	$2,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement On Playground Side								
Gypsum Board	10%	0-2	$2,100	LIFE	* *	5	$6,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	10%	2-4	$20,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	5%	0-2	$20,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	65%	2-4	$27,000	LIFE	* *	5	$20,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	15%			2030	* *	5	$19,200	
Exposed Concrete	65%	4+	$106,900	LIFE	* *	5	$10,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Under Front Steps								
Plaster	20%			LIFE	* *	5	$12,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2035	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$300	
Raceway								
Conduit	20%			2035	* *	1		
Conduit	80%			2025	$99,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2024	$13,500	5	$200	
Molded Case Bkrs	15%			2033	* *	5	$300	
Molded Case Bkrs	75%			2024	$100,900	5	$1,300	
Wiring								
Braided Cloth	80%	2-4	$139,100	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	* *	1		
Motor Controllers								
Locally Mounted	70%			2030	* *	5	$300	
Locally Mounted	30%			2023	$22,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	86%			2020	$656,600	10	$54,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	10%			2030	* *	10	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
HID	2%			2020	$11,000	10		
Incandescent	2%			2020	$15,300	2		
Egress Lighting								
Emergency, Battery	50%			2020	$46,400	10	$8,300	
Exit, Service	50%			2020	$9,300	1		
Exterior Lighting								
HID	100%			2020	$253,000	10	$200	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$242,900			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$68,100	
Repairs In Progress, Extent : Light, Area Affected : 50%								
Location : #1 Boiler, Boiler Room								
Distribution								
Steam Piping/Pump	100%	Now	$9,600	2035	* *	4	$3,400	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump, Boiler Room								
Terminal Devices								
Air Handler	25%			2025	$92,600	1	$10,600	
Convector/Radiator	50%			2023	$324,600	1	$11,100	
Fan Coil Unit/Heat	25%			2020	$257,300	1	$5,600	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Split Unit	15%			2033	* *			
R-134a Refrigerant, Extent : Light, Area Affected : 15%								
Location : Roof								
Recent Installation, Extent : Light, Area Affected : 15%								
Location : For Auditorium And Lunch Area								
Window/Wall Unit	10%			2020	$14,100	1		
No Component	75%							
Terminal Devices								
Fan Coil - Cooling	15%			2033	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Auditorium And Lunch Area								
Explanation : Recent Installation								
No Component	85%							
Heat Rejection								
Remote Air Cond	15%			2033	* *	2	$7,200	
Recent Installation, Extent : Light, Area Affected : 15%								
Location : Roof								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,300	
Exhaust Fans								
Interior	100%			2025	$76,000	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$4,100	2035	* *	1		
Corroded, Extent : Moderate, Area Affected : 3%								
Location : Water Main								
Water Heater								
Gas Fired	100%			2023	$16,000	2	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./I.S. 187 - M

Asset # : 1634

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2025	$24,100	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**P. S./M. S. 3 - BX**			
Address	:	**2100 LAFONTAINE AVENUE BTWN: E.180 ST. - E.181 ST**			
Borough	:	**BRONX**	**Agency's Number**	:	**X003**
Program / Asset #	:	**BOE0993.000 / 4483**	**Yr Built/Renovated**	:	**1995 /**
Area Sq Ft	:	**80,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**07-Apr-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,pen**			
Block	:	**3062** **Lot** : **43**	**BIN**	:	**2099356**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$460,800	$57,500
Interior Architecture	$38,700	
Electrical		$412,300
Mechanical	$339,800	$428,100
Total	**$839,300**	**$897,900**
Importance Code A	$460,800	$57,500
Importance Code B	$378,500	$840,500
Total	**$839,300**	**$897,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,800			
Interior Architecture	$107,500			$12,100
Electrical	$37,500	$6,200	$9,100	$6,200
Mechanical	$57,300	$38,300	$31,900	$41,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$239,100**	**$48,400**	**$45,000**	**$64,100**
Importance Code A	$40,700	$7,900	$7,900	$7,900
Importance Code B	$184,200	$40,500	$37,100	$55,500
Importance Code C	$14,200			$700
Total	**$239,100**	**$48,400**	**$45,000**	**$64,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%	Now	$107,700	LIFE	* *	5	$57,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rooms 407, 412, 425, Library And Auditorium								
Metal, Corrugated	5%	2-4	$1,300	2046	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Walls								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop - Machine Room Bulkheads								
Explanation : Panel Walls								
Metal/Glass Curt Wall	5%	Now	$114,000	LIFE	* *	5	$6,700	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : Courtyard Detail, South Facade								
Metal Panel	5%	Now	$1,300	2046	* *	5	$6,700	
Loose/Miss Fasteners, Extent : Light, Area Affected : 15%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$23,300	
Windows								
Aluminum	95%	Now	$86,900	2042	* *	5	$10,400	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Rooms 407, 412, 425, Library, Auditorium, Stairwell Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 407, 412, 425, Library, Auditorium, Stairwell Bulkheads								
Metal Louvers	5%	0-2	$700	2035	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Rooftop Bulkheads								
Parapets								
Concrete Masonry Unit	30%			LIFE	* *	5-10	$6,000	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$10,000	
Metal Rail	20%	Now	$1,000	2039	* *	5	$5,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	10%	Now	$700	LIFE	* *	5	$2,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Coping								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	95%	Now	$152,100	2031	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Above Library								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Boys Bathroom, Room 420, Library								
Modified Bitumen	5%	Now	$2,900	2031	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Stairwell Bulkheads								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$23,400	
Ceramic Tile	5%	Now	$10,400	2035	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	85%	2-4	$38,700	2031	* *	3	$34,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	5%	Now	$8,800	2054	* *	5	$5,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$3,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Basement - Water Stains At Electrical Panels								
Ceramic Tile	5%			2035	* *	5	$1,400	
Concrete Masonry Unit	35%	0-2	$4,300	LIFE	* *	5	$3,900	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Library, Stairwell Bulkeads								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Cmu								
Gypsum Board	15%	0-2	$900	LIFE	* *	5	$2,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rooms 107, 407, 412, 425								
SGFT/Glazed Masonry	35%			LIFE	* *	10	$4,900	

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	20%	2-4	$8,700	2039	* *	5	$13,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Upper Floor Corridors								
AcousTileSusp.Lay-In	55%	Now	$9,500	2039	* *	5	$29,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 407								
Exposed Struc: Steel	5%	Now	$22,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Sidewalk Vault @ Electrical Panels								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%	Now	$21,700	LIFE	* *	5	$26,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Stair 2, Library, Auditorium, Rooms 407, 425								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 2000 Amps								
Transformers								
Dry Type	100%			2039	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Step Down 275 To 110								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	25%			2042	* *	5	$500	
Molded Case Bkrs	75%			2042	* *	5	$1,600	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%	Now	$22,000	2046	* *	1	$22,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Generator Room								
Explanation : Not Working, Relay Problem								
Generators								
Diesel	100%			2035	* *	1	$31,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Kva, Caterpillar Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$17,800	
Fuel Storage								
Day Tank	10%			2042	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gen Room								
Explanation : 50 Gallons								
Main Tank	90%			2054	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$73,400	
Other Observation, Extent : Moderate, Area Affected : 99%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2026	$10,800	1		
Exit, Battery	50%			2026	$36,800	10	$2,700	
Exterior Lighting								
HID	100%			2026	$302,100	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$6,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2 5000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$79,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	1%	0-2	$4,000	2051	* *	4		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Hot Water System Air Separator								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : For Perimeter Hot Water Radiators								
Hot Wtr Piping/Pump	39%			2042	* *	4	$2,300	
Steam Piping/Pump	60%			2046	* *	4	$3,500	
Terminal Devices								
Convector/Radiator	50%			2039	* *	1	$12,900	
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Third Floor And Penthouse Mechanical Equipment Rooms								
Explanation : Equipment Accounted For Under The Air Conditioning Section Of This Report								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2026	$271,500	1	$37,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers , Penthouse								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Units About 150 Tons Each								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$3,900	
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$339,800	2036	* *	1	$44,500	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Penthouse Mechanical Equipment Rooms, Deteriorating Condensate Drain Pans								
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Throughout, Defective V A V / Climate Control System								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	2%	0-2	$3,200	2036	* *	2	$900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : 2 Of 8 Defective Condenser Fan Motors								
Air Condenser Unit	98%			2026	$156,600	2	$54,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$70,600	
Exhaust Fans								
Roof	1%	0-2	$600	2036	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, 1 Of 7 Defective Exhaust Fan Motors								
Roof	9%			2026	$5,700	2	$200	
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Third Floor And Penthouse Mechanical Equipment Rooms								
Explanation : Equipment Accounted For Under The Air Conditioning Section Of This Report								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$18,600	2	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2 Heaters								
Explanation : Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement : 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$40,300	

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 3 - BX

Asset # : 4483

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$5,600	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S./M. S. 15 - BX**
Address : **2195 ANDREWS AVENUE @ W.183 ST**
Borough : **BRONX** | **Agency's Number** : **X015**
Program / Asset # : **BOE0994.000 / 4485** | **Yr Built/Renovated** : **1995 /**
Area Sq Ft : **135,000** | **Project Type** : **EDUCATION**
Date of Survey : **25-Feb-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**
Block : **3224** **Lot** : **9** | **BIN** : **2096013**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$291,700	$53,400
Interior Architecture	$509,800	$278,000
Electrical	$361,300	$641,300
Mechanical	$96,900	$983,300
Total	**$1,259,700**	**$1,955,900**
Importance Code A	$291,700	$53,400
Importance Code B	$728,400	$1,786,700
Importance Code C	$239,600	$115,800
Total	**$1,259,700**	**$1,955,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$136,800		$5,800	
Interior Architecture	$49,900		$10,700	$24,300
Electrical	$16,000	$10,400	$14,500	$10,400
Mechanical	$85,000	$62,300	$53,200	$57,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$295,600**	**$80,600**	**$92,100**	**$100,500**
Importance Code A	$147,400	$10,600	$16,400	$10,600
Importance Code B	$148,200	$70,000	$75,700	$85,400
Importance Code C				$4,500
Total	**$295,600**	**$80,600**	**$92,100**	**$100,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$37,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$4,600	
Masonry: Brick Cavity	72%	4+	$200,200	LIFE	* *	5	$53,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : West And East Facades								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Interior Courtyard Elevations								
Pre-Cast Concrete	12%			LIFE	* *	5	$57,800	
Window Wall	6%			2046	* *	5	$16,700	
Windows								
Aluminum	95%	Now	$14,700	2034	* *	5	$8,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Seating areas Off Corridor - 3rd Floor								
Metal Louvers	5%			2029	* *	10	$5,800	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5-10	$24,000	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$33,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Walls								
Pre-Cast Concrete	15%			LIFE	* *	5	$20,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Underside Of Coping Throughout								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	45%	Now	$14,200	2035	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 15%								
Location : Base Of Pitched Roofs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Mechanical Bulkheads								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Base Of Pitched Roofs								
Explanation : Gutters Clog Easily - Unable To Clean Effectively								
IRMA/Protected Membrane	50%	0-2	$91,500	2031	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Flat Roofs Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : At Roof Penetrations								
Modified Bitumen	5%			2031	* *	10	$4,600	
Interior								
Floors								
Carpet	10%			2025	$273,800	3	$32,200	
Cast in Place Concrete	15%			LIFE	* *	5	$140,800	
Ceramic Tile	3%			2035	* *	5	$6,400	
Sheet Vinyl/Rubber	5%	Now	$15,900	2031	* *	5	$8,000	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout Auditorium								
Vinyl Tile	62%	0-2	$56,500	2031	* *	3	$49,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			2061	* *	5	$20,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$37,300	
Ceramic Tile	3%			2035	* *	5	$9,000	
Concrete Masonry Unit	47%			LIFE	* *	5	$112,200	
Gypsum Board	15%			LIFE	* *	5-10	$76,100	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$37,300	
Wood	5%			LIFE	* *	5	$119,300	

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	30%	0-2	$25,500	2039	* *	5	$39,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Concrete	35%			LIFE	* *	5-10	$91,800	
Exposed Struc: Steel	15%			LIFE	* *	10	$63,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%	Now	$8,500	LIFE	* *	5	$52,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Size 3000 Amps								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Units - 30, 50, 75 Kva Ratings								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	5%			2039	* *	5		
Motor Control Center	95%			2039	* *	5	$3,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								

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DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$41,500	
Generators								
Diesel	100%			2035	* *	1	$52,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 450 Kw Caterpillar Genset								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$5,000	
Fuel Storage								
Main Tank	100%			2054	* *	5	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 225 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$131,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$509,900	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%	Now	$81,700	2036	* *	1	$9,100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	Now	$279,700	2036	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1- 5000 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger	50%			2035	* *	1	$35,400	
Steam Boiler	50%			2039	* *	1	$71,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	30%	0-2	$4,300	2042	* *	4	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Mechanical Room, Defective Air Separator								
Steam Piping/Pump	70%	0-2	$35,000	2046	* *	4	$4,900	
Malfunctioning, Extent : Moderate, Area Affected : 45%								
Location : Fan Rooms, 4 Of 9 Defective Vacuum Pumping System								
Terminal Devices								
Air Handler	50%			2031	* *	1	$44,300	
Convector/Radiator	40%			2039	* *	1	$18,500	
Fan Coil Unit/Heat	10%			2031	* *	1	$4,600	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	100%	Now	$33,100	2026	$661,500			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof, Defective Compressors On Accu #5								
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$88,600	
Heat Rejection								
Air Condenser Unit	100%			2026	$286,300	2	$99,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$61,800	LIFE	* *	2-5	$79,900	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Classrooms								
Explanation : System Not Balanced Properly								
Exhaust Fans								
Interior	90%			2031	* *	2	$4,000	
Roof	10%			2031	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$33,300	2	$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 15 - BX

Asset # : 4485

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%	0-2	$2,800	2031	* *	1	$7,900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : 1 Of 2 Leaky Back Flow Preventers								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-4 (1) 1-2								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$72,300	
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$10,000	
Fire Pump								
Generic	100%	0-2	$10,600	2035	* *	1	$24,100	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S./M. S. 20 - BX**
Address : **3050 WEBSTER AVENUE BTWN: MOSHOLU PKWY. - E..202 ST.**
Borough : **BRONX** | **Agency's Number** : **X020**
Program / Asset # : **BOE0995.000 / 4489** | **Yr Built/Renovated** : **1996 /**
Area Sq Ft : **130,000** | **Project Type** : **EDUCATION**
Date of Survey : **09-Oct-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,Pen**
Block : **3330** **Lot** : **1** | **BIN** : **2086851**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$427,200	$60,700
Interior Architecture	$1,361,000	$198,000
Electrical		$615,000
Mechanical	$34,200	$2,739,600
Total	**$1,822,500**	**$3,613,300**
Importance Code A	$427,200	$60,700
Importance Code B	$1,161,100	$3,437,700
Importance Code C	$234,200	$114,900
Total	**$1,822,500**	**$3,613,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$86,900			
Interior Architecture	$15,300		$48,500	$9,000
Electrical	$22,400	$10,000	$12,900	$11,500
Mechanical	$79,800	$43,700	$50,000	$38,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$212,300**	**$61,600**	**$119,300**	**$67,000**
Importance Code A	$100,600	$13,700	$13,700	$13,700
Importance Code B	$111,700	$48,000	$105,600	$53,300
Importance Code C				
Total	**$212,300**	**$61,600**	**$119,300**	**$67,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	Now	$227,600	LIFE	* *	5	$60,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout, Coping Of Small Retaining Walls In Play Area								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : South Facing Walls								
Pre-Cast Concrete	15%			LIFE	* *	5	$69,600	
Windows								
Aluminum	100%	Now	$74,500	2042	* *	5	$8,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10	$26,000	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$32,400	
Pre-Cast Concrete	10%	Now	$3,800	LIFE	* *	5	$6,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Copings								
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Copings								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Copings								
Roof								
Asphalt Shingle	60%	Now	$54,700	2035	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%								
Location : Mechanical Penthouse								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Asphalt Shingles								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Mechanical Penthouse - Rooms 402 And 409, Roof Over Gymnasium / Auditorium								
IRMA/Protected Membrane	40%	Now	$70,500	2031	* *			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Flat Roofs								
Recent Replace Evident, Extent : Light, Area Affected : 8%								
Location : Roof Over Electrical Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bulkheads B And C, Room 168								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2025	$263,600	3	$31,000	
Cast in Place Concrete	10%			LIFE	* *	5	$90,400	
Ceramic Tile	5%			2035	* *	5	$10,300	
Sheet Vinyl/Rubber	5%	Now	$306,500	2036	* *	5	$7,700	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Auditorium								
Uneven Substrate, Extent : Severe, Area Affected : 35%								
Location : Auditorium Entrance								
Vinyl Tile	50%			2031	* *	3	$38,700	
Vinyl Tile	15%	Now	$263,400	2036	* *	3	$11,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Hallway Leading To Auditorium, Gymnasium, Cafeteria								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : Hallway Leading To Auditorium, Gymnasium, Cafeteria								
Wood	5%	Now	$340,600	2066	* *	5	$9,700	
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Throughout Gymnasium								
Uneven Surface, Extent : Severe, Area Affected : 100%								
Location : Throughout Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Throughout Gymnasium								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$35,900	
Concrete Masonry Unit	50%			LIFE	* *	5	$114,900	
Gypsum Board	15%			LIFE	* *	5-10	$73,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$35,900	
Wood	5%			LIFE	* *	5	$114,900	
Ceilings								
AcousTileConcealSpLn	20%			2039	* *	5	$50,500	
Exposed Concrete	50%			LIFE	* *	5-10	$126,300	
Exposed Struc: Steel	15%			LIFE	* *	10	$60,600	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Mechanical Spaces								
Gypsum Board	15%	Now	$15,300	LIFE	* *	5	$37,900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Rooms 402, 409								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rooms 402, 409 And Auditorium								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Bolted Pressure Contact Switches Rated @ 3000 Amperes Each								
Transformers								
Dry Type	100%			2039	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room And Penthouse								
Explanation : 2- 1000 Kva , 480/277v And 1- 75 Kva, 1- 37 Kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$300	
Molded Case Bkrs	90%			2042	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2039	* *	5	$100	
Motor Control Center	90%			2039	* *	5	$3,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Room B11								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$40,000	
Generators								
Diesel	100%			2035	* *	1	$50,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Generator Rated @500 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$4,800	
Fuel Storage								
Day Tank	50%			2042	* *	5	$12,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 175 Gallons Capacity								
Main Tank	50%			2054	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 5000 Gallons Capacity								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$124,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2026	$33,900	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Emergency Lights Thru The Generator System								
Exit, Service	50%			2026	$18,600	1		
Exterior Lighting								
HID	100%			2026	$491,000	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights , Manual Pull Station, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 5000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$136,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	2%	0-2	$13,900	2051	* *	4	$100	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Basement, Hot Water Pump, Corroded Pump Housing								
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement, Corroded Hot Water Pump Housing								
Hot Wtr Piping/Pump	48%			2034	* *	4	$4,900	
Steam Piping/Pump	2%	Now	$19,300	2056	* *	4	$100	
Corroded, Extent : Moderate, Area Affected : 40%								
Location : Attic, 2 Of 8 Corroded Vaccuum Pump Tanks								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Attic								
Explanation : New Tank On Site Not Installed								
Steam Piping/Pump	48%			2036	* *	4	$3,300	
Terminal Devices								
Air Handler	50%			2026	$372,000	1	$42,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic Roof								
Explanation : Air Handling Unit With Steam Heating Coil								
Convector/Radiator	25%			2039	* *	1	$11,100	
Fan Coil Unit/Heat	25%			2026	$516,600	1	$11,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	100%			2026	$637,000			
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$1,092,000	1	$85,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic Mechanical Equipment Rooms								
Explanation : Air Handling Unit With Direct Expansion Cooling Coil								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$121,800	
Exhaust Fans								
Interior	80%			2026	$122,000	2	$3,400	
Roof	20%			2026	$21,900	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	$32,100	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX

Asset # : 4489

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 4th Floor; 1st To 2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$69,600	
Sprinkler								
No Component	80%							
Generic	20%			2046	* *	1-2	$7,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P. S./M. S. 20 - BX MINISCHOOL**		
Address	: **3050 WEBSTER AVENUE BTWN: MOSHOLU PKWY - E. 202 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X020**
Program / Asset #	: **BOE0995.010 / 14639**	**Yr Built/Renovated**	: **1996 /**
Area Sq Ft	: **12,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **09-Oct-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3330** **Lot** : **1**	**BIN**	: **2086851**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$163,000
Electrical		$45,300
Total		**$208,400**
Importance Code A		$163,000
Importance Code B		$45,300
Total		**$208,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,600		$1,400	
Interior Architecture	$46,400		$8,800	$3,000
Electrical	$200			
Mechanical	$4,000	$200	$900	$200
Total	**$68,100**	**$200**	**$11,300**	**$3,300**
Importance Code A	$17,600		$1,400	
Importance Code B	$33,700	$200	$9,800	$2,900
Importance Code C	$16,900			$400
Total	**$68,100**	**$200**	**$11,300**	**$3,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX MINISCHOOL

Asset # : 14639

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$9,400	
Metal Panel	95%	2-4	$12,900	2036	* *	5	$33,500	
Deformed/Dented, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Windows								
Aluminum	100%			2034	* *	5	$2,900	
Roof								
Single Ply Membrane	100%			2026	$125,700	10	$37,400	
Interior								
Floors								
Ceramic Tile	5%			2035	* *	5	$900	
Vinyl Tile	95%	Now	$29,500	2031	* *	3	$6,500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : South Corridor								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$800	
Gypsum Board	95%			LIFE	* *	5-10	$26,000	
Vinyl Covering, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	100%			2039	* *	5	$17,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX MINISCHOOL

Asset # : 14639

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$1,500	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$45,300	10		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Strobe Lights And Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2046	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$6,600	2	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Provides Heat During Heating Season								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,800	
Exhaust Fans								
Roof	100%			2026	$9,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Electric	100%			2021	$1,900	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Ceiling In Most Restrooms								
Explanation : Point Of Use Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 20 - BX MINISCHOOL

Asset # : 14639

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : Cast Iron Leaders And Gutter								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P. S./M. S. 306 - BX**
Address : **40 WEST TREMONT AVENUE @ W.177 ST**
Borough : **BRONX**
Agency's Number : **X306**
Program / Asset # : **BOE0998.000 / 4479**
Yr Built/Renovated : **1994 /**
Area Sq Ft : **169,000**
Project Type : **EDUCATION**
Date of Survey : **10-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **2862** **Lot** : **14**
BIN : **2098721**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$704,800	$146,800
Interior Architecture	$1,269,600	$372,300
Electrical		$2,900,700
Mechanical	$327,300	$3,551,700
Total	**$2,301,700**	**$6,971,400**
Importance Code A	$704,800	$146,800
Importance Code B	$1,112,300	$6,646,100
Importance Code C	$484,600	$178,500
Total	**$2,301,700**	**$6,971,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$41,500			
Interior Architecture	$124,100			$31,900
Electrical	$34,800	$13,000	$16,700	$13,000
Mechanical	$75,800	$87,500	$82,000	$86,700
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$286,200**	**$110,400**	**$108,600**	**$141,400**
Importance Code A	$59,300	$17,800	$17,800	$17,800
Importance Code B	$177,700	$92,600	$90,800	$123,700
Importance Code C	$49,200			
Total	**$286,200**	**$110,400**	**$108,600**	**$141,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$300,700	LIFE	* *	5	$99,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	95%	Now	$95,800	2042	* *	5	$11,400	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Louvers	5%			2035	* *	10	$7,500	
Parapets								
Cast in Place Concrete	40%	Now	$58,000	LIFE	* *	5	$47,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5-10	$35,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Security Bars	10%	Now	$4,100	2054	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$2,000	LIFE	* *	5	$3,600	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	90%	Now	$206,100	2031	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%	Now	$5,400	2039	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Skylight, Plastic	5%	Now	$44,200	2039	* *	1		
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$58,700	
Ceramic Tile	5%			2035	* *	5	$13,400	
Quarry Tile	5%	Now	$19,300	2039	* *	5	$10,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	75%	Now	$171,200	2031	* *	3	$75,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	10%	Now	$265,700	2054	* *	5	$25,200	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$25,800	2035	* *	5	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	35%	Now	$290,400	LIFE	* *	5	$52,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$11,200	
Gypsum Board	23%	Now	$17,800	LIFE	* *	5	$51,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	Now	$72,800	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$46,700	
Wood	5%			LIFE	* *	5	$149,400	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$255,100	2039	* *	5	$78,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	5%			LIFE	* *	10	$26,300	
Gypsum Board	35%	Now	$93,000	LIFE	* *	5	$115,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	40%			2036	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Electrical Room								
Explanation : Two 5000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2036	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Transformers								
Dry Type	100%			2031	* *	5	$600	
Switchgear / Switchboard								
Fused Disc Sw	40%			2036	* *	5	$300	
Molded Case Bkrs	60%			2036	* *	5	$2,700	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	* *	5	$200	
Molded Case Bkrs	95%			2034	* *	5	$4,200	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$52,000	
Generators								
Diesel	100%			2029	* *	1	$65,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 500 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$37,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Main Tank	100%			2041	* *	5	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 270 Gallons								
Lighting								
Interior Lighting								
Fluorescent	87%			2026	$1,733,600	10	$143,100	
Other Observation, Extent : Moderate, Area Affected : 77%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2026	$99,600	10	$8,200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lobby And Auditorium								
Explanation : T-5 Lamps								
HID	5%			2026	$71,600	10	$300	
Incandescent	3%			2026	$59,800	2	$100	
Egress Lighting								
Emergency, Service	50%			2026	$44,100	1		
Exit, Service	50%			2026	$24,200	1		
Exterior Lighting								
HID	100%			2021	$638,300	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$102,300	1	$12,600	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$55,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 10,000 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$177,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Boilers. 2 Heat Exchangers Convert Steam To Hot Water.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	80%	Now	$36,000	2042	* *	4	$7,100	
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Bms Not Working								
Steam Piping/Pump	20%	Now	$12,500	2046	* *	4	$1,800	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Various								
Terminal Devices								
Air Handler	20%			2026	$193,500	1	$22,200	
Convector/Radiator	50%	Now	$84,700	2031	* *	1	$26,100	
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Various								
Fan Coil Unit/Heat	30%	Now	$40,300	2026	$805,800	1	$15,600	
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Varous								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	$121,800	2026	$608,900	1	$74,900	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 16 Out Of 32 Compressors, Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Chillers, Roof								
Distribution								
Chilled Wtr Pipe/Pump	100%			2036	* *	4	$8,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	$1,419,600	1	$110,900	
Heat Rejection								
Air Condenser Unit	100%			2026	$358,400	2	$124,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$158,400	
Exhaust Fans								
Interior	40%	Now	$4,000	2026	$79,300	2	$1,800	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Roof	60%			2031	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Booster Pump								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P. S./M. S. 306 - BX

Asset # : 4479

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$41,700	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 - 200 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2019	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Locations - Single Pumps								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Pumps								
Backflow Preventer								
Generic	100%			2031	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B To 5, (1) 1 To 5								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$90,500	
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$12,600	
Fire Pump								
Generic	100%			2035	* *	1	$33,500	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY**
Address : **501-503 WEST 152 STREET**
Borough : **MANHATTAN**
Agency's Number : **M210**
Program / Asset # : **BOE1054.000 / 14324**
Yr Built/Renovated : **2007 /**
Area Sq Ft : **73,767**
Project Type : **EDUCATION**
Date of Survey : **13-Feb-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5,ph**
Block : **2084** **Lot** : **29** **BIN** : **1087824**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$180,700	$272,100
Interior Architecture	$112,600	$81,500
Electrical		$67,000
Total	**$293,200**	**$420,600**
Importance Code A	$180,700	$272,100
Importance Code B	$44,200	$111,100
Importance Code C	$68,400	$37,300
Total	**$293,200**	**$420,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,900	$31,400		
Interior Architecture	$59,700	$6,900	$28,900	
Electrical	$11,700	$6,000	$7,800	$7,500
Mechanical	$49,500	$17,800	$22,600	$13,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$170,600**	**$71,900**	**$69,200**	**$30,800**
Importance Code A	$43,900	$34,600	$4,000	$3,300
Importance Code B	$121,300	$37,300	$53,300	$27,500
Importance Code C	$5,500		$12,000	
Total	**$170,600**	**$71,900**	**$69,200**	**$30,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$97,000	
Metal Panel	20%			2052	* *	5-10	$177,800	
Pre-Cast Concrete	10%			LIFE	* *	5	$84,000	
Window Wall	10%			2052	* *	5	$48,500	
Windows								
Aluminum	95%			2048	* *	5	$17,900	
Glass Block	5%			LIFE	* *	5	$1,200	
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5-10	$52,500	
Metal Rail	5%			2043	* *	5-10	$21,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$30,100	
Stucco Cement	45%			2043	* *	5	$27,800	
Roof								
IRMA/Protected Membrane	50%			2034	* *	10	$26,100	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Over Fifth Floor*								
IRMA/Protected Membrane	50%			2034	* *	10	$26,100	
Interior								
Floors								
Carpet	5%			2027	* *	3	$8,300	
Cast in Place Concrete	5%			LIFE	* *	5	$24,200	
Ceramic Tile	5%			2039	* *	5	$5,500	
Quarry Tile	5%			2043	* *	5	$8,300	
Sheet Vinyl/Rubber	5%			2034	* *	5	$8,300	
Vinyl Tile	73%			2034	* *	3	$30,200	
Wood	2%			2061	* *	5	$4,100	
Interior Walls								
Ceramic Tile	25%			2039	* *	5	$23,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$3,800	
Glass: Single Pane	5%			LIFE	* *	5	$7,200	
Gypsum Board	65%			LIFE	* *	5-10	$105,700	
Ceilings								
AcousTileSusp.Lay-In	80%			2043	* *	5	$88,300	
Exposed Struc: Steel	5%			LIFE	* *	10	$11,000	
Gypsum Board	10%			LIFE	* *	5-10	$38,000	
Metal Panel	5%			LIFE	* *	5	$13,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$300	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Meter Room								
Explanation : Covered With Insulations.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$22,700	
Generators								
Diesel	100%			2035	* *	1	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Rated @ 275 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,700	
Fuel Storage								
Day Tank	50%			2042	* *	5	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 250 Gallons Rated Capacity								
Main Tank	50%			2054	* *	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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DEPARTMENT OF EDUCATION - 040
P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY
Asset # : 14324

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$60,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	9%			2031	* *	10	$6,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2031	* *	10		
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, LED	50%			2054	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$2,200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$8,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Manual Pull Stations, Strobe Lights, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2046	* *	1		
Conversion Equipment								
Furnace	90%			2031	* *	1	$32,800	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 5 Units								
Radiant Heater	10%			2031	* *	2	$3,400	

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Fan Coil Unit/Heat	10%	Now	$2,200	2031	* *	1	$2,100	
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : 1st Fl. Exit #3								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$4,500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,100	
Exhaust Fans								
Roof	100%			2031	* *	2	$2,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2024	$17,200	2	$1,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5, Roof								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$37,200	
Sprinkler								
Generic	100%			2052	* *	1-2	$20,700	

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 210 - M TWENTYFIRST CENTURY ACADEMY

Asset # : 14324

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2035	* *	1	$13,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S. / I.S. 276 - M**				
Address	: **55 BATTERY PLACE @ 1ST PLACE**				
Borough	: **MANHATTAN**			**Agency's Number**	: **M276**
Program / Asset #	: **BOE1109.000 / 14565**			**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **136,534**			**Project Type**	: **EDUCATION**
Date of Survey	: **27-Feb-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,7,8,pen**				
Block	: **16**	**Lot**	: **40**	**BIN**	: **1087945**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$152,500	$102,400
Interior Architecture	$410,000	$262,300
Electrical		$125,200
Mechanical	$33,800	
Total	**$596,300**	**$489,900**
Importance Code A	$152,500	$102,400
Importance Code B	$226,700	$242,700
Importance Code C	$217,100	$144,800
Total	**$596,300**	**$489,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$79,500	$32,700		
Interior Architecture	$74,100	$10,300	$12,800	$20,400
Electrical	$15,600	$13,600	$10,500	$10,500
Mechanical	$56,000	$32,000	$45,100	$33,600
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$248,800**	**$112,300**	**$92,000**	**$88,200**
Importance Code A	$86,500	$39,400	$6,800	$6,800
Importance Code B	$133,900	$65,600	$85,300	$81,400
Importance Code C	$28,400	$7,200		
Total	**$248,800**	**$112,300**	**$92,000**	**$88,200**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	10%			LIFE	* *	5	$44,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Top								
Explanation : Trellis Structure								
Masonry: Brick Cavity	70%			LIFE	* *	5	$98,900	
Masonry: Limestone	8%			LIFE	* *	5	$8,500	
Metal/Glass Curt Wall	10%	Now	$22,400	LIFE	* *	5	$13,200	
Caulking Deteriorated, Extent : Severe, Area Affected : 5%								
Location : Main Entrance								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Plenum Space Above Entrance Canopy								
Explanation : Air Infiltration								
Granite Panels	2%			LIFE	* *	5	$2,100	
Windows								
Aluminum	100%			2048	* *	5	$21,600	
Parapets								
Masonry: Brick Cavity	65%			LIFE	* *	5-10	$120,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$33,100	
Metal: Cage/Fence	25%			2043	* *	5-10	$52,500	
Roof								
IRMA/Protected Membrane	75%			2034	* *	10	$52,900	
Plaza Roof: Stone Panels	15%			2052	* *			
Traffic Topping	10%			2034	* *	10	$11,800	
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$26,800	
Ceramic Tile	5%			2039	* *	5	$10,200	
Quarry Tile	2%			2043	* *	5	$6,100	
Sheet Vinyl/Rubber	5%			2034	* *	5	$15,300	
Vinyl Tile	80%	4+	$27,800	2034	* *	3	$61,300	
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			2061	* *	5	$19,200	
Interior Walls								
Ceramic Tile	40%			2039	* *	5	$115,800	
Concrete Masonry Unit	3%			LIFE	* *	5	$6,900	
Folding Partition	2%			2048	* *	5	$14,500	
Gypsum Board	50%			LIFE	* *	5-10	$246,100	
Metal: Cage/Fence	3%			LIFE	* *	10	$1,700	
Wood	2%			LIFE	* *	5	$46,300	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	70%			2043	* *	5	$143,000	
Exposed Concrete	2%			LIFE	* *	5-10	$5,100	
Exposed Struc: Steel	10%			LIFE	* *	10	$40,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Metal Decking								
Explanation : Material								
Gypsum Board	18%			LIFE	* *	5-10	$126,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room, Basement								
Explanation : Service Rated At 4000 & 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$600	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$3,600	
Wiring								
Thermoplastic	100%			2052	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$42,000	
Generators								
Diesel	100%			2039	* *	1	$52,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 300 Kw, Cummins								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$5,100	

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	10%			2048	* *	5	$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : 60 Gals								
Main Tank	90%			2061	* *	5	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 200 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$125,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Lamps: T-8 & Compact								
Egress Lighting								
Exit, Service	50%			2034	* *	1		
Exit, Battery	50%			2034	* *	10	$4,600	
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$10,200	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	50%			2034	* *	1	$33,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Package Rooftop Air Conditioning Units								
Hot Water Boiler	50%			2043	* *	1	$33,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 2 Gas Fired Condensing Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	50%			2048	* *	4	$3,400	
No Component	50%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	20%			2034	* *	1	$16,900	
Convector/Radiator	40%			2043	* *	1	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hydronic Loop Perimeter Heating								
Explanation : Throughout The Building								
Fan Coil Unit/Heat	40%			2034	* *	1	$17,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms And Administrative Spaces								
Explanation : Variable Air Volume Boxes Installed								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2034	* *	1	$12,700	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : One Unit, R-407c Refrigerant								
Ext Pkg Unit - Heating/Cooling	80%			2034	* *	2	$6,700	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Roof Top Units With Gas Furnace R-407c, Equipment Accounted For Under Heating Section Of This Report								
Distribution								
Chilled Wtr Pipe/Pump	20%			2052	* *	4	$1,300	
No Component	80%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2034	* *	1	$16,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$24,100	
Ductwork/Diffusers	80%			LIFE	* *	2-5	$96,400	
Exhaust Fans								
Roof	20%			2034	* *	2	$800	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$31,800	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One Tank Of About 600 Gallons								

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DEPARTMENT OF EDUCATION - 040

P.S. / I.S. 276 - M

Asset # : 14565

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Located In Elevator Shaft								
Explanation : One Unit								
Backflow Preventer								
Generic	100%			2034	* *	1	$8,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st : 8th Floor								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$68,800	
Sprinkler								
Generic	100%			2052	* *	1-2	$38,300	
Fire Pump								
Generic	100%			2039	* *	1	$25,500	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S. 233 - Q**				
Address	: **114-43 142 STREET**				
Borough	: **QUEENS**			**Agency's Number**	: **Q875**
Program / Asset #	: **BOE0789.010 / 2939**			**Yr Built/Renovated**	: **1991 /**
Area Sq Ft	: **16,500**			**Project Type**	: **EDUCATION**
Date of Survey	: **21-Dec-2011**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**				
Block	: **11972**	**Lot**	: **70**	**BIN**	: **4259200**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$263,700	$38,800
Interior Architecture		$191,200
Electrical	$51,300	$243,800
Mechanical		$328,700
Total	**$314,900**	**$802,500**
Importance Code A	$263,700	$38,800
Importance Code B	$51,300	$763,700
Total	**$314,900**	**$802,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,500		$1,600	
Interior Architecture	$7,400	$2,000	$17,500	$2,800
Electrical	$500	$700	$500	$500
Mechanical	$1,000	$1,200	$2,200	$1,200
Total	**$10,300**	**$3,900**	**$21,900**	**$4,500**
Importance Code A	$2,300	$900	$2,500	$800
Importance Code B	$4,100	$3,000	$19,400	$3,700
Importance Code C	$3,900			
Total	**$10,300**	**$3,900**	**$21,900**	**$4,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 233 - Q

Asset # : 2939

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cement-Fiber Panel	95%			2028	* *	10	$128,300	
Glazed Ceramic Panel	5%			LIFE	* *	5	$10,100	
Windows								
Aluminum	5%	Now	$1,500	2039	* *	5	$100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Kitchen Window								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Kitchen Window								
Aluminum	90%			2039	* *	5	$3,300	
Glass Block	5%			LIFE	* *	5	$100	
Roof								
Metal Panel	90%	Now	$135,300	2036	* *			
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Gutters								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Corridor, Gymnasium, Girls Restroom								
Modified Bitumen	10%			2023	$38,800	10	$6,700	
Interior								
Floors								
Carpet	5%			2019	$16,900	3	$2,000	
Ceramic Tile	5%			2032	* *	5	$1,300	
Quarry Tile	5%			2036	* *	5	$2,000	
Vinyl Tile	85%			2023	$191,200	3	$11,200	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$2,900	
Gypsum Board	10%	Now	$2,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Gypsum Board	85%			LIFE	* *	5	$29,800	
Ceilings								
AcousTileSusp.Lay-In	15%			2028	* *	5	$4,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Girls Restroom								
Gypsum Board	10%			LIFE	* *	5	$3,300	
Metal Panel	75%			LIFE	* *	5	$24,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Corridor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 233 - Q

Asset # : 2939

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Fused Disc Sw	5%			2031	* *	5		
Molded Case Bkrs	95%			2031	* *	5	$400	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	99%			2023	$181,400	10	$15,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	1%			2023	$1,300	10		
Egress Lighting								
Emergency, Battery	50%			2023	$11,100	10	$2,000	
Exit, Service	50%			2023	$2,200	1		
Exterior Lighting								
HID	100%			2023	$62,300	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2023	$15,000	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$51,300	1-3	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Stations And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 233 - Q

Asset # : 2939

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Furnace	100%			2023	$20,200	1	$8,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic								
Explanation : 3 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2024	$328,700	2	$1,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units In Attic								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,200	
Exhaust Fans								
Interior	100%			2028	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2021	$3,800	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2028	* *	1	$1,000	
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S. 253 - Q**				
Address	: **1307 CENTRAL AVENUE @ NEILSON ST.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q253**	
Program / Asset #	: **BOE1045.000 / 14258**		**Yr Built/Renovated**	: **2004 /**	
Area Sq Ft	: **98,266**		**Project Type**	: **EDUCATION**	
Date of Survey	: **17-Jan-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,p**				
Block	: **15541**	**Lot** : **1**	**BIN**	: **4297972**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$82,000	$346,300
Interior Architecture	$117,100	$55,200
Electrical	$89,200	
Total	**$288,300**	**$401,400**
Importance Code A	$82,000	$346,300
Importance Code B	$206,300	$55,200
Total	**$288,300**	**$401,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$12,800	
Interior Architecture	$38,900	$7,400		$12,000
Electrical	$12,300	$9,700	$13,500	$11,800
Mechanical	$49,500	$33,900	$66,600	$40,600
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$108,600**	**$58,800**	**$100,800**	**$72,200**
Importance Code A	$9,700	$9,700	$22,500	$9,900
Importance Code B	$98,900	$49,100	$78,300	$62,200
Importance Code C				
Total	**$108,600**	**$58,800**	**$100,800**	**$72,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 253 - Q

Asset # : 14258

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	* *	5	$4,300	
Masonry: Brick	75%			LIFE	* *	5	$102,500	
Pre-Cast Concrete	15%			LIFE	* *	5	$66,600	
Window Wall	5%			2044	* *	5	$25,600	
Windows								
Aluminum	100%			2046	* *	5	$22,500	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$7,800	
Metal Rail	50%			2041	* *	5-10	$177,200	
Pre-Cast Concrete	10%			LIFE	* *	5	$12,300	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$82,000	
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$7,600	LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	10%			2033	* *	5	$14,700	
Quarry Tile	5%			2037	* *	5	$11,000	
Vinyl Tile	65%			2029	* *	3	$47,800	
Wood	10%			2052	* *	5	$27,600	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$2,700	
Gypsum Board	35%			LIFE	* *	5	$28,100	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	55%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	70%			2037	* *	5	$103,000	
AcousTileSusp.Lay-In	5%			2037	* *	5	$7,400	
Exposed Struc: Steel	10%	2-4	$62,000	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Generator Room At Roof								
Gypsum Board	15%			LIFE	* *	5	$27,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Switch Rated At 1600 Amps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 253 - Q

Asset # : 14258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2037	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2@ 480/277								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	20%			2040	* *	5	$500	
Molded Case Bkrs	80%			2040	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$30,200	
Generators								
Diesel	100%			2033	* *	1	$38,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 63 Kw								
Batteries								
Not Accessible	100%							
Fuel Storage								
Main Tank	100%			2052	* *	5	$2,900	
Lighting								
Interior Lighting								
Fluorescent	99%			2029	* *	10	$89,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2029	* *	10		
Egress Lighting								
Exit, Service	50%			2029	* *	1		
Exit, Battery	50%			2029	* *	10	$3,300	
Exterior Lighting								
HID	100%			2029	* *	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 253 - Q

Asset # : 14258

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	75%							
Generic	25%			2029	* *	1	$9,200	
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2029	* *	1-3	$21,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Conversion Equipment								
Steam Boiler	100%			2037	* *	1	$97,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler	70%			2029	* *	1	$42,500	
Convector/Radiator	30%			2037	* *	1	$9,500	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$45,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement A C Room								
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$60,800	
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$68,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,800	
Exhaust Fans								
Interior	50%			2029	* *	2	$1,500	
Roof	50%			2029	* *	2	$1,500	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 253 - Q

Asset # : 14258

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2022	$22,900	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B,1,2,3,Ph (1) 1,2,3								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$51,400	
Sprinkler								
Generic	100%			2044	* *	1-2	$27,500	
Fire Pump								
Generic	100%			2033	* *	1	$18,400	
Chemical System								
No Component	98%							
Generic	2%			2022	$500	1-3	$1,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P.S. 254 - Q**		
Address	**: 84-40 101ST STREET**		
Borough	**: QUEENS**	**Agency's Number**	**: Q254**
Program / Asset #	**: BOE1046.000 / 14259**	**Yr Built/Renovated**	**: 2004 /**
Area Sq Ft	**: 98,266**	**Project Type**	**: EDUCATION**
Date of Survey	**: 06-Feb-2013**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4,PH**		
Block	**: 9177** **Lot : 23**	**BIN**	**: 4191296**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$584,500	$170,500
Interior Architecture	$66,200	$102,300
Electrical		$88,300
Total	**$650,700**	**$361,200**
Importance Code A	$584,500	$170,500
Importance Code B	$66,200	$154,500
Importance Code C		$36,200
Total	**$650,700**	**$361,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,800		$26,600	$11,300
Interior Architecture	$32,400	$4,500		$15,100
Electrical	$9,400	$8,800	$21,900	$9,900
Mechanical	$56,400	$37,000	$74,000	$41,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$114,800**	**$58,100**	**$130,500**	**$85,400**
Importance Code A	$18,300	$9,700	$36,400	$21,200
Importance Code B	$96,500	$46,100	$94,100	$64,200
Importance Code C		$2,300		
Total	**$114,800**	**$58,100**	**$130,500**	**$85,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 254 - Q

Asset # : 14259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$14,200	
Masonry: Brick	85%	0-2	$364,500	LIFE	* *	5	$120,800	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Metal Panel	7%			2044	* *	5-10	$68,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$13,900	
Window Wall	3%			2044	* *	5	$16,000	
Windows								
Aluminum	90%			2040	* *	5	$22,500	
Glass Block	7%	Now	$8,800	LIFE	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair D								
Metal Louvers	3%			2033	* *	10	$4,700	
Parapets								
Masonry: Brick	95%	0-2	$76,800	LIFE	* *	5	$13,300	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout Interior Face								
Pre-Cast Concrete	5%			LIFE	* *	5	$4,400	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Throughout, 2013								
Roof								
Modified Bitumen	100%	0-2	$143,200	2029	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Penthouses								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Along Penthouses								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Above 402 And 406								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,100	
Ceramic Tile	3%			2033	* *	5	$4,400	
Terrazzo	5%			LIFE	* *	5	$5,700	
Vinyl Tile	82%			2029	* *	3	$60,300	
Wood	5%			2052	* *	5	$13,800	
Interior Walls								
Ceramic Tile	3%			2033	* *	5	$4,500	
Concrete Masonry Unit	60%			LIFE	* *	5	$36,200	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	2%			LIFE	* *	5	$12,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 254 - Q

Asset # : 14259

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	90%			2037	* *	5	$132,400	
Exposed Struc: Steel	3%			LIFE	* *			
Gypsum Board	7%	Now	$10,400	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entry Lobby								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Main Entry Lobby								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	90%			2050	* *	5	$400	
Molded Case Bkrs	10%			2050	* *	5	$300	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$200	
Molded Case Bkrs	90%			2046	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$30,200	
Generators								
Diesel	100%			2037	* *	1	$38,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Caterpillar Genset Rated @ 450 Kw								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 254 - Q

Asset # : 14259

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$21,900	
Fuel Storage								
Day Tank	50%			2046	* *	5	$9,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof								
Explanation : One 45 Gals								
Main Tank	50%			2059	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	88%			2032	* *	10	$79,300	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	10%			2032	* *	10	$9,000	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
HID	2%			2032	* *	10	$100	
Egress Lighting								
Exit, Service	60%			2032	* *	1		
Exit, Service	40%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$300	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic	35%			2032	* *	1-3	$21,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2050	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 254 - Q

Asset # : 14259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$9,600	2037	* *	1	$87,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement Boiler Room, Defective Boiler Lead / Lag Control Panel								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$13,700	2044	* *	4	$4,800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room, Defective Condensate Return System, Operator Suspects That Steam Is Back- feeding Into Condensate Return Creating A Great Deal Of Live Steam & Waterhammer Condition								
Terminal Devices								
Air Handler	50%			2029	* *	1	$30,400	
Convector/Radiator	50%			2037	* *	1	$15,900	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2029	* *	1	$45,600	
Distribution								
Chilled Wtr Pipe/Pump	100%			2044	* *	4	$4,800	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$60,800	
Heat Rejection								
Air Condenser Unit	100%	0-2	$3,900	2029	* *	2	$54,700	
Damaged, Extent : Moderate, Area Affected : 35%								
Location : First Floor Roof, 2 Of 18 Defective Condenser Fans								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$54,800	
Exhaust Fans								
Interior	50%			2029	* *	2	$1,500	
Roof	50%			2029	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2022	$22,900	2	$1,400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 254 - Q

Asset # : 14259

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2032	* *	1	$6,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$51,400	
Sprinkler								
Generic	100%			2044	* *	1-2	$27,500	
Fire Pump								
Generic	100%			2033	* *	1	$18,400	
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S. 273 - Q**		
Address	: **88-07 102ND STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q273**
Program / Asset #	: **BOE1112.000 / 14568**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **33,789**	**Project Type**	: **EDUCATION**
Date of Survey	: **22-Jan-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **9288** **Lot** : **101**	**BIN**	: **4000000**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$85,100	$48,400
Interior Architecture	$89,700	$48,900
Total	**$174,700**	**$97,300**
Importance Code A	$85,100	$48,400
Importance Code C	$89,700	$48,900
Total	**$174,700**	**$97,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,700	$4,800		
Interior Architecture	$20,800	$25,900	$18,000	
Electrical	$1,000	$900	$400	$400
Mechanical	$17,000	$9,100	$13,800	$8,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$59,400**	**$48,600**	**$40,100**	**$16,600**
Importance Code A	$13,500	$6,600	$1,500	$1,800
Importance Code B	$41,300	$42,000	$26,900	$14,700
Importance Code C	$4,700		$11,600	
Total	**$59,400**	**$48,600**	**$40,100**	**$16,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 273 - Q

Asset # : 14568

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$96,800	
Pre-Cast Concrete	5%			LIFE	* *	5	$16,600	
Windows								
Aluminum	100%			2048	* *	5	$9,500	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$42,900	
Pre-Cast Concrete	10%			LIFE	* *	5	$8,800	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$33,100	
Interior								
Floors								
Carpet	5%			2027	* *	3	$3,800	
Cast in Place Concrete	5%			LIFE	* *	5	$11,100	
Ceramic Tile	5%			2039	* *	5	$2,500	
Quarry Tile	5%			2043	* *	5	$3,800	
Vinyl Tile	80%			2034	* *	3	$15,200	
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$23,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$9,300	
Gypsum Board	70%			LIFE	* *	5-10	$138,600	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$45,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$5,100	
Gypsum Board	5%			LIFE	* *	5-10	$8,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$100	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 273 - Q

Asset # : 14568

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$29,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2034	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$4,100	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Steel								
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$3,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations And Horns, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 273 - Q

Asset # : 14568

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	90%	Now	$700	2034	* *	1	$13,500	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Filters Of #2, #3, #4 Units - Replacement Needed								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Radiant Heater	10%			2034	* *	2	$1,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases And Hallways								
Explanation : 16 Eletrical Radiants								
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Roof Top Units Using 407c Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,800	
Exhaust Fans								
Roof	100%			2034	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$7,900	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$2,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 273 - Q

Asset # : 14568

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$9,500	
Fire Pump								
Generic	100%			2039	* *	1	$6,300	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S. 280 - Q**		
Address	: **34-20 94TH STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **Q280**
Program / Asset #	: **BOE1113.000 / 14569**	**Yr Built/Renovated**	: **1939 / 2010**
Area Sq Ft	: **27,918**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Dec-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1454** **Lot** : **18**	**BIN**	: **4035799**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$64,300	
Interior Architecture	$146,600	
Electrical		$9,100
Mechanical		$36,600
Total	**$210,900**	**$45,600**
Importance Code A	$64,300	
Importance Code B	$146,600	$45,600
Total	**$210,900**	**$45,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$80,000			
Interior Architecture	$87,000		$3,600	$8,900
Electrical	$800	$800	$300	$300
Mechanical	$44,900	$7,700	$14,300	$8,400
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$216,700**	**$12,400**	**$22,100**	**$21,600**
Importance Code A	$82,900	$2,800	$2,800	$2,800
Importance Code B	$104,200	$9,600	$19,400	$12,600
Importance Code C	$29,600			$6,200
Total	**$216,700**	**$12,400**	**$22,100**	**$21,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 280 - Q

Asset # : 14569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	5%			LIFE	* *	10	$8,500	
Masonry: Brick	50%			LIFE	* *	5	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Building Was Formerly A Private School - Recently Converted To City Public School								
Masonry: Brick Cavity	45%			LIFE	* *	5	$9,800	
Windows								
Aluminum	95%			2042	* *	5	$3,000	
Steel	5%	Now	$8,300	2051	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Stairs 1966 Wing								
Corrosion/Rusting, Extent : Severe, Area Affected : 70%								
Location : Stairs 1966 Wing								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$11,600	
Masonry: Brick Cavity	40%	Now	$13,900	LIFE	* *	5	$1,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Face Of 1966 Wing								
Masonry: Limestone	5%			LIFE	* *	5-10	$2,300	
Metal Rail	5%	Now	$1,000	2031	* *	5	$1,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,400	
Roof								
IRMA/Protected Membrane	85%	Now	$64,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Modified Bitumen	10%			2034	* *	10	$3,200	
Skylight, Metal/Glass	5%	Now	$23,400	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Of 1939 Wing								
Interior								
Floors								
Carpet	5%			2025	$28,300	3	$3,300	
Cast in Place Concrete	5%			LIFE	* *	5	$9,700	
Ceramic Tile	5%			2035	* *	5	$2,200	
Terrazzo	10%			LIFE	* *	5	$6,900	
Vinyl Tile	45%			2031	* *	3	$7,500	
Vinyl Tile 9" X 9"	30%	Now	$146,600	2036	* *	3	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 1966 Wing								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : 1966 Wing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 280 - Q

Asset # : 14569

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2035	* *	5	$12,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,900	
Gypsum Board	10%			LIFE	* *	5-10	$10,500	
Plaster	60%			LIFE	* *	5-10	$31,500	
Ceilings								
AcousTileConcealSpLn	5%			2031	* *	5	$2,700	
Exposed Concrete	30%			LIFE	* *	5-10	$16,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 305, 306, Of 1966 Wing								
Exposed Struc: Steel	10%			LIFE	* *	10	$8,700	
Plaster	55%			LIFE	* *	5-10	$41,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$100	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	2%			2048	* *	5		
Molded Case Bkrs	98%			2048	* *	5	$700	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$200	
Locally Mounted	20%			2024	$9,100	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	97%			2034	* *	10	$26,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	3%			2034	* *	10	$800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Stair Case								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 280 - Q

Asset # : 14569

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$3,600	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$3,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	90%			2046	* *	5	$8,300	
Natural Gas	10%			2052	* *	1		
Conversion Equipment								
Furnace	10%			2034	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Explanation : 1 Roof Top Package Unit								
Steam Boiler	90%			2039	* *	1	$26,400	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	90%			2036	* *	4	$1,300	
No Component	10%							
Terminal Devices								
Air Handler	10%	0-2	$16,000	2036	* *	1	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
On Extended Life, Extent : Severe, Area Affected : 10%								
Location : Auditorium								
Convector/Radiator	80%			2031	* *	1	$7,700	
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S. 280 - Q

Asset # : 14569

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2034	* *	2	$200	
R-134a Refrigerant, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Split Unit	10%			2034	* *			
Window/Wall Unit	60%			2024	$36,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$26,200	
Exhaust Fans								
Roof	50%			2026	$11,800	2	$500	
Roof	50%			2034	* *	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2025	$6,900	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Exterior Gutters								
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2036	* *	4	$1,600	
Corroded, Extent : Severe, Area Affected : 40%								
Location : Housing Assembly, Boiler Room								
Sewage Ejector(s)								
Electric	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B - G								
Explanation : 1 Freight Unit								
No Component	90%							
Fire Suppression								
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 280 - Q
Asset # : 14569

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P.S. 971 - BK / EARLY CHILDHOOD CENTER**
Address : **6214 4TH AVE. @ 62ND ST**
Borough : **BROOKLYN**
Agency's Number : **K971**
Program / Asset # : **BOE1106.000 / 14562**
Yr Built/Renovated : **2010 /**
Area Sq Ft : **43,087**
Project Type : **EDUCATION**
Date of Survey : **05-May-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **5799** **Lot** : **38** **BIN** : **3143927**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$112,500	$54,800
Interior Architecture	$140,000	$76,400
Electrical		$39,500
Total	**$252,500**	**$170,700**
Importance Code A	$112,500	$54,800
Importance Code B		$39,500
Importance Code C	$140,000	$76,400
Total	**$252,500**	**$170,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$6,900	$3,400	$2,200	
Interior Architecture	$53,600	$31,400	$32,500	
Electrical	$1,300	$1,200	$500	$500
Mechanical	$22,200	$10,400	$15,900	$9,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$91,800**	**$54,300**	**$59,000**	**$18,200**
Importance Code A	$9,100	$5,500	$4,400	$2,100
Importance Code B	$54,300	$48,800	$30,200	$16,100
Importance Code C	$28,400		$24,500	
Total	**$91,800**	**$54,300**	**$59,000**	**$18,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	100%			LIFE	* *	5	$109,700	
Windows								
Aluminum	95%			2048	* *	5	$6,800	
Metal Louvers	5%			2039	* *	10	$2,200	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$67,500	
Pre-Cast Concrete	10%			LIFE	* *	5	$13,800	
Roof								
IRMA/Protected Membrane	100%			2034	* *	10	$22,500	
Interior								
Floors								
Carpet	5%			2027	* *	3	$4,800	
Cast in Place Concrete	5%			LIFE	* *	5	$14,100	
Ceramic Tile	5%			2039	* *	5	$3,200	
Quarry Tile	5%			2043	* *	5	$4,800	
Vinyl Tile	80%			2034	* *	3	$19,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$24,500	
Ceramic Tile	25%			2039	* *	5	$48,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$7,800	
Gypsum Board	65%			LIFE	* *	5-10	$216,300	
Ceilings								
AcousTileSusp.Lay-In	85%			2043	* *	5	$54,800	
Gypsum Board	10%			LIFE	* *	5-10	$22,200	
Metal Panel	5%			LIFE	* *	5	$8,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	90%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000a Main Disconnect Swithc								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$100	
Molded Case Bkrs	90%			2048	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$37,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	4%			2034	* *	10	$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$5,200	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$4,800	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	80%			2034	* *	1	$17,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Roof Top Package Units								
Hot Water Boiler	20%			2043	* *	1	$4,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	20%			2048	* *	4	$400	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2043	* *	1	$2,800	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Roof Top Package Units. Refrigerant R410a.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$38,000	
Exhaust Fans								
Roof	100%			2034	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$10,000	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$12,100	
Fire Pump								
Generic	100%			2039	* *	1	$8,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S. 971 - BK / EARLY CHILDHOOD CENTER
Asset # : 14562

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S./I.S. 189 - BX**				
Address	: **3441 STEENWICK AVENUE @REEDS MILL LA.**				
Borough	: **BRONX**			**Agency's Number**	: **X189**
Program / Asset #	: **BOE1051.000 / 14264**			**Yr Built/Renovated**	: **2007 /**
Area Sq Ft	: **178,835**			**Project Type**	: **EDUCATION**
Date of Survey	: **01-Feb-2013**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,4**				
Block	: **5263**	**Lot**	: **115**	**BIN**	: **2115403**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$168,700	$119,200
Interior Architecture	$50,500	$511,500
Electrical	$164,000	
Mechanical		$85,900
Total	**$383,200**	**$716,700**
Importance Code A	$168,700	$119,200
Importance Code B	$164,000	$356,100
Importance Code C	$50,500	$241,300
Total	**$383,200**	**$716,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$16,600			$24,000
Interior Architecture	$35,500		$12,500	$28,800
Electrical	$23,100	$22,300	$18,800	$20,800
Mechanical	$22,300	$20,400	$37,200	$20,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$105,400**	**$50,600**	**$76,400**	**$101,800**
Importance Code A	$27,000	$7,100	$10,800	$31,100
Importance Code B	$78,400	$43,500	$65,600	$70,800
Total	**$105,400**	**$50,600**	**$76,400**	**$101,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 189 - BX

Asset # : 14264

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	* *	5	$8,000	
Masonry: Brick	65%			LIFE	* *	5	$83,200	
Metal Panel	15%			2050	* *	5-10	$132,000	
Window Wall	10%			2050	* *	5	$48,000	
Windows								
Aluminum	100%			2046	* *	5	$40,500	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$7,100	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,500	
Stucco Cement	45%	0-2	$16,600	2037	* *	5	$8,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	100%	4+	$72,600	2029	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Surrounding Drains								
Interior								
Floors								
Carpet	2%			2023	$68,300	3	$10,700	
Cast in Place Concrete	5%			LIFE	* *	5	$29,300	
Ceramic Tile	5%			2037	* *	5	$13,400	
Quarry Tile	5%			2041	* *	5	$20,100	
Vinyl Tile	78%			2032	* *	3	$104,400	
Wood	5%			2059	* *	5	$25,100	
Interior Walls								
Ceramic Tile	20%			2037	* *	5	$101,000	
Concrete Masonry Unit	30%			LIFE	* *	5	$60,600	
Fiberglass Panel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Tectum Panels								
Gypsum Board	43%			LIFE	* *	5	$130,300	
Metal Panel	2%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	40%			2041	* *	5	$108,100	
AcousTileSusp.Lay-In	10%			2041	* *	5	$27,000	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	40%			LIFE	* *	5	$135,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 189 - BX

Asset # : 14264

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Rating Available								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$800	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5	$400	
Molded Case Bkrs	90%			2040	* *	5	$4,200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	20%			2037	* *	5	$200	
Motor Control Center	80%			2037	* *	5	$3,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$55,000	
Generators								
Diesel	100%			2033	* *	1	$69,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : No Rating Available								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$6,600	
Fuel Storage								
Main Tank	100%			2052	* *	5	$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	* *	10	$164,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, LED	50%			2052	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 189 - BX

Asset # : 14264

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2029	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$20,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2029	* *	1-3	$34,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2044	* *	1		
Natural Gas	80%			2044	* *	1		
Conversion Equipment								
Furnace	80%			2029	* *	1	$70,700	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Roof								
Explanation : 8 Exterior Units								
Radiant Heater	20%			2029	* *	2	$16,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	* *	2	$11,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 8 A C Units								
Explanation : Refrigerant 407 C								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$99,700	
Exhaust Fans								
Roof	100%			2032	* *	2	$5,500	
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2050	* *	1		
Galv Iron/Steel	40%			2041	* *	1		
Water Heater								
Gas Fired	100%	Now	$800	2022	$41,600	2	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement .								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 189 - BX

Asset # : 14264

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2029	* *	1	$11,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$50,100	
Fire Pump								
Generic	100%			2033	* *	1	$33,400	
Chemical System								
Dry	10%			2022	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Ansul- 102								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	**: P.S./I.S. 295 - Q**		
Address	**: 222-14 JAMAICA AVENUE**		
Borough	**: QUEENS**	**Agency's Number**	**: Q295**
Program / Asset #	**: BOE1050.000 / 14263**	**Yr Built/Renovated**	**: 2007 /**
Area Sq Ft	**: 99,418**	**Project Type**	**: EDUCATION**
Date of Survey	**: 20-Nov-2012**	**Landmark Status**	**: NONE**
Areas Surveyed	**: Basement, Roof, Floors 1,3,4**		
Block	**: 10813** **Lot : 5**	**BIN**	**: 4854268**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$206,700	$137,300
Interior Architecture		$206,400
Electrical		$89,400
Total	**$206,700**	**$433,000**
Importance Code A	$206,700	$137,300
Importance Code B		$211,700
Importance Code C		$84,000
Total	**$206,700**	**$433,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$43,100		$7,000	$12,100
Electrical	$11,000	$10,300	$15,100	$11,400
Mechanical	$29,200	$14,300	$32,800	$14,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$91,200**	**$32,400**	**$62,800**	**$46,300**
Importance Code A	$4,700	$5,100	$4,700	$5,300
Importance Code B	$70,400	$27,300	$58,100	$41,000
Importance Code C	$16,200			
Total	**$91,200**	**$32,400**	**$62,800**	**$46,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 295 - Q

Asset # : 14263

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$30,800	
Masonry: Brick	55%			LIFE	* *	5	$67,900	
Efflorescence, Extent : Light, Area Affected : 40%								
Location : Throughout								
Metal Panel	10%			2050	* *	5-10	$84,800	
Window Wall	30%			2050	* *	5	$138,800	
Windows								
Aluminum	100%			2046	* *	5	$43,200	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$5,600	
Pre-Cast Concrete	45%			LIFE	* *	5	$31,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
IRMA/Protected Membrane	100%			2029	* *	10	$75,600	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$32,600	
Ceramic Tile	20%			2037	* *	5	$29,800	
Vinyl Tile	65%			2032	* *	3	$48,400	
Wood	5%			2059	* *	5	$14,000	
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	15%			2037	* *	5	$32,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,600	
Gypsum Board	65%			LIFE	* *	5	$84,000	
Ceilings								
AcousTileSusp.Lay-In	85%			2041	* *	5	$122,400	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$18,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 295 - Q

Asset # : 14263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2041	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1000 Kva 480/277vsec-208vpri								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$400	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2046	* *	5	$300	
Molded Case Bkrs	85%			2046	* *	5	$2,200	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$30,600	
Generators								
Diesel	100%			2037	* *	1	$38,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 350 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,700	
Fuel Storage								
Main Tank	100%			2059	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2032	* *	10	$86,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2032	* *	10	$2,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
Incandescent	2%			2032	* *	2		
Egress Lighting								
Emergency, Service	60%			2032	* *	1		
Exit, Service	40%			2032	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 295 - Q

Asset # : 14263

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2032	* *	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$11,100	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$25,300	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2050	* *	1		
Natural Gas	95%			2050	* *	1		
Conversion Equipment								
Furnace	95%			2032	* *	1	$46,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Units								
Radiant Heater	5%			2032	* *	2	$2,300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases								
Explanation : Electrical Radiant								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2032	* *	2	$6,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Units On Roof								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Explanation : 7 Units - Control System Is Under Repair								
Heat Rejection								
Air Condenser Unit	100%			2029	* *	2	$69,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$55,400	
Exhaust Fans								
Roof	100%			2032	* *	2	$3,000	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 295 - Q

Asset # : 14263

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2050	* *	1		
Galv Iron/Steel	70%			2041	* *	1		
Water Heater								
Gas Fired	100%			2023	$23,100	2	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%	Now	$4,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2032	* *	1	$6,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B-4 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$27,900	
Fire Pump								
Generic	100%			2037	* *	1	$18,600	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : Ansul 102 Wet								
No Component	70%							
Generic	20%			2022	$5,200	1-3	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)**
Address : **210 CHESTER STREET BTWN: SUTTER AVE., BLAKE AVE.**
Borough : **BROOKLYN** | **Agency's Number** : **K263**
Program / Asset # : **BOE0555.000 / 2618** | **Yr Built/Renovated** : **1955 / 2000**
Area Sq Ft : **131,000** | **Project Type** : **EDUCATION**
Date of Survey : **13-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3542** **Lot** : **1** | **BIN** : **3081442**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$105,400	$1,380,600
Interior Architecture	$302,100	$337,600
Electrical	$682,900	$3,040,800
Mechanical	$34,800	$1,138,000
Total	**$1,125,100**	**$5,896,900**
Importance Code A	$147,400	$2,064,800
Importance Code B	$848,900	$3,795,300
Importance Code C	$128,900	$36,800
Total	**$1,125,100**	**$5,896,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$82,400		$8,100	
Interior Architecture	$91,900		$18,100	$7,900
Electrical	$60,000	$1,000	$1,400	$2,400
Mechanical	$35,600	$35,800	$49,300	$27,900
Total	**$269,900**	**$36,800**	**$76,800**	**$38,300**
Importance Code A	$96,300	$13,900	$22,000	$13,900
Importance Code B	$123,800	$22,900	$51,200	$24,300
Importance Code C	$49,800		$3,700	
Total	**$269,900**	**$36,800**	**$76,800**	**$38,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$59,900	
Masonry: Brick Cavity	88%			LIFE	* *	5	$210,800	
Metal Panel	5%			2046	* *	5-10	$41,200	
Granite Panels	2%			LIFE	* *	5	$3,600	
Windows								
Aluminum	100%			2042	* *	5	$47,500	
Parapets								
Masonry: Brick Cavity	90%			LIFE	* *	5-10	$28,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$5,700	
Roof								
IRMA/Protected Membrane	97%			2026	$1,133,100	10	$142,100	
Metal Panel	3%			2039	* *	10	$8,100	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$138,100	
Ceramic Tile	5%			2035	* *	5	$10,500	
Terrazzo	5%			LIFE	* *	5	$16,400	
Vinyl Tile	55%			2031	* *	3	$43,400	
Vinyl Tile 9" X 9"	10%			2021	$231,700	3	$10,500	
Wood	10%			2041	* *	5	$39,400	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$61,400	
Ceramic Tile	3%			2029	* *	5	$7,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$19,600	
Glazed Ceramic Panel	7%			LIFE	* *	10	$15,500	
Plaster	50%			LIFE	* *	5-10	$104,300	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$24,600	
Ceilings								
AcousTile,Adhered	35%			2031	* *	5	$66,700	
Exposed Concrete	50%			LIFE	* *	5-10	$119,000	
Plaster	15%			LIFE	* *	5-10	$49,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	$42,000	2056	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$219,900	2056	* *	5	$300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2026	$247,500	1		
Panelboards								
Fused Disc Sw	5%			2025	$11,200	5	$200	
Fused Knife Sw	15%	2-4	$33,600	2051	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 15%								
Location : Boiler And Fan Room								
Molded Case Bkrs	80%			2025	$179,400	5	$2,800	
Wiring								
Braided Cloth	90%	2-4	$312,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Thermoplastic	10%			2026	$34,700	1		
Motor Controllers								
Locally Mounted	80%			2024	$92,100	5	$700	
Locally Mounted	20%	2-4	$23,000	2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Mech Room								
Explanation : On Extended Life								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Electrical Room								
Lighting								
Interior Lighting								
Fluorescent	84%			2021	$1,311,400	10	$108,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
Fluorescent	10%			2031	* *	10	$12,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Explanation : Using T-8 Lamps Three Classroom 3rd Floor								
Incandescent	6%			2021	$93,700	2	$200	
Egress Lighting								
Emergency, Service	50%			2021	$34,600	1		
Exit, Service	50%			2021	$19,000	1		
Exterior Lighting								
HID	100%			2021	$494,700	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$79,300	1	$9,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)
Asset # : 2618

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2026	$542,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$43,500	
Conversion Equipment								
Steam Boiler	100%			2024	$684,200	1	$139,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Boilers								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$6,900	
Terminal Devices								
Air Handler	30%			2026	$227,400	1	$26,100	
Convector/Radiator	70%			2031	* *	1	$31,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2019	$14,400	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$124,100	
Exhaust Fans								
Interior	50%			2026	$77,700	2	$2,200	
Roof	50%			2026	$55,900	2	$2,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$32,700	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2026	$43,600	4	$20,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 323 - BK (FORMER I.S. 263 - BK)

Asset # : 2618

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$49,200	1-2	$1,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **P.S./I.S. 499 - Q**				
Address	: **148-20 REEVES AVENUE**				
Borough	: **QUEENS**			**Agency's Number**	: **Q499**
Program / Asset #	: **BOE1047.000 / 14260**			**Yr Built/Renovated**	: **2004 /**
Area Sq Ft	: **116,214**			**Project Type**	: **EDUCATION**
Date of Survey	: **15-Nov-2012**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,PH**				
Block	: **6507**	**Lot**	: **150**	**BIN**	: **4467571**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$74,000	$168,100
Interior Architecture		$112,500
Electrical	$104,500	
Total	**$178,500**	**$280,600**
Importance Code A	$74,000	$168,100
Importance Code B	$104,500	
Importance Code C		$112,500
Total	**$178,500**	**$280,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,300		$21,000	$12,800
Interior Architecture	$54,200	$2,600		$21,700
Electrical	$15,800	$12,000	$27,400	$19,700
Mechanical	$37,200	$55,100	$42,500	$75,600
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$126,400**	**$79,600**	**$100,800**	**$139,800**
Importance Code A	$15,000	$5,700	$27,000	$18,500
Importance Code B	$111,400	$73,800	$73,700	$121,200
Importance Code C				
Total	**$126,400**	**$79,600**	**$100,800**	**$139,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 499 - Q

Asset # : 14260

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$4,000	
Masonry: Brick	65%			LIFE	* *	5	$84,100	
Metal, Corrugated	2%			2034	* *	1		
Metal Panel	5%			2044	* *	5-10	$44,500	
Pre-Cast Concrete	20%			LIFE	* *	5	$84,100	
Window Wall	3%			2044	* *	5	$14,500	
Windows								
Aluminum	90%			2040	* *	5	$25,600	
Glass Block	5%			LIFE	* *	5	$900	
Metal Louvers	5%			2033	* *	10	$8,900	
Parapets								
Concrete Masonry Unit	15%			LIFE	* *	5	$2,900	
Masonry: Brick	50%			LIFE	* *	5	$8,400	
Metal Panel	5%			2044	* *	5	$3,300	
Metal Rail	5%			2037	* *	5-10	$15,300	
Pre-Cast Concrete	25%			LIFE	* *	5	$26,600	
Roof								
Built-Up (BUR)	100%			2029	* *	10	$74,000	
Patching Evident, Extent : Light, Area Affected : 5% Location : Throughout								
Interior								
Floors								
Carpet	5%			2023	$111,000	3	$17,400	
Cast in Place Concrete	5%			LIFE	* *	5	$19,000	
Ceramic Tile	3%			2033	* *	5	$5,200	
Quarry Tile	2%			2037	* *	5	$5,200	
Vinyl Tile	80%			2029	* *	3	$69,600	
Wood	5%			2052	* *	5	$16,300	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Concrete Masonry Unit	35%			LIFE	* *	5	$45,000	
Glass: Single Pane	3%			LIFE	* *	5	$7,200	
Gypsum Board	35%			LIFE	* *	5	$67,500	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2037	* *	5	$43,500	
Exposed Concrete	10%			LIFE	* *	5	$2,700	
Exposed Concrete	55%			LIFE	* *	5	$14,900	
Gypsum Board	5%			LIFE	* *	5	$10,900	
Metal Panel	5%			LIFE	* *	5	$10,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 499 - Q

Asset # : 14260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Discnnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$500	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$400	
Molded Case Bkrs	85%			2040	* *	5	$2,600	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$35,800	
Generators								
Diesel	100%			2033	* *	1	$45,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : One 450 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$25,900	
Fuel Storage								
Day Tank	50%			2040	* *	5	$10,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 60 Gals								
Main Tank	50%			2052	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 499 - Q

Asset # : 14260

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2029	* *	10	$93,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2029	* *	10	$10,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Lunch Room								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Emergency, Service	60%			2029	* *	1		
Exit, LED	40%			2052	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2052	* *	5	$3,400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	* *	1	$13,000	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2029	* *	1-3	$29,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	* *	1	$57,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	$5,700	
Terminal Devices								
Air Handler	80%			2029	* *	1	$57,500	
Convector/Radiator	20%			2037	* *	1	$7,500	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 499 - Q

Asset # : 14260

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	* *	1	$53,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Chillers								
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	* *	4	$8,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	* *	1	$71,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 9 Units								
Heat Rejection								
Remote Air Cond	100%			2032	* *	2	$80,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$64,800	
Exhaust Fans								
Interior	80%			2032	* *	2	$2,800	
Roof	20%			2032	* *	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2023	$27,000	2	$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$7,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$60,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

P.S./I.S. 499 - Q

Asset # : 14260

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$32,600	
Fire Pump								
Generic	100%			2037	* *	1	$21,700	
Chemical System								
Wet	10%			2023	$2,800	1-3	$6,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Kitchen Hood							
No Component	70%							
Generic	20%			2023	$5,200	1-3	$11,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Througout							
	Explanation : Fire Extinguishers							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **PARK EAST HIGH SCHOOL - M**				
Address	: **234 EAST 105 STREET 2ND - 3RD AVES.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M495**	
Program / Asset #	: **BOE0134.000 / 1626**		**Yr Built/Renovated**	: **1928 / 2012**	
Area Sq Ft	: **55,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **10-Oct-2012**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**				
Block	: **1654**	**Lot** : **33**	**BIN**	: **1075643**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$137,900	$310,300
Electrical	$781,500	$504,300
Mechanical	$200,100	$406,700
Total	**$1,119,500**	**$1,221,300**
Importance Code B	$1,119,500	$1,221,300
Total	**$1,119,500**	**$1,221,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$1,300		$27,000	
Interior Architecture	$14,400	$6,600	$12,700	$2,000
Electrical	$14,300	$4,200	$23,800	$4,800
Mechanical	$24,300	$10,100	$76,800	$8,200
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$59,200**	**$25,800**	**$145,200**	**$19,900**
Importance Code A	$6,700	$5,400	$32,500	$5,400
Importance Code B	$50,500	$20,500	$112,800	$14,500
Importance Code C	$2,100			
Total	**$59,200**	**$25,800**	**$145,200**	**$19,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK EAST HIGH SCHOOL - M

Asset # : 1626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2044	* *	10	$3,800	
Masonry: Brick	95%			LIFE	* *	5	$31,000	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Windows								
Aluminum	100%			2049	* *	5	$13,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$900	
Masonry: Brick	90%			LIFE	* *	5	$2,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Rail	5%			2037	* *	5-10	$2,100	
Roof								
Built-Up (BUR)	60%			2029	* *	10	$16,700	
Copper/Terne	5%			2039	* *	10	$3,500	
Modified Bitumen	35%			2034	* *	10	$9,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : East Section								
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$12,400	
Ceramic Tile	5%			2033	* *	5	$4,100	
Panel/Paver: Cer/Brk	10%			2032	* *	5	$18,200	
Traffic Topping	3%			2032	* *	5	$3,000	
Vinyl Tile	45%			2024	$310,300	3	$13,700	
Vinyl Tile	20%	Now	$137,900	2034	* *	3	$6,100	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Light, Area Affected : 80%								
Location : Corridors								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 3rd And 4th Floors								
Explanation : 9 X 9 Tiles								
Wood	10%			2039	* *	5	$15,200	
Interior Walls								
Ceramic Tile	5%			2027	* *	5	$4,100	
Concrete Masonry Unit	10%			LIFE	* *	5	$3,300	
Gypsum Board	5%			LIFE	* *	5	$2,500	
Plaster	75%			LIFE	* *	5	$18,500	
Wood	5%			LIFE	* *	5	$16,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK EAST HIGH SCHOOL - M

Asset # : 1626

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	15%			2029	* *	5	$10,300	
AcousTileSusp.Lay-In	5%			2037	* *	5	$3,400	
AcousTileSusp.Lay-In	5%			2041	* *	5	$3,400	
Plaster	75%			LIFE	* *	5	$32,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : Main Service Switch Rated @ 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	75%			2024	$110,000	5	$200	
Fused Disc Sw	25%			2050	* *	5	$100	
Raceway								
Conduit	80%			2024	$99,100	1		
Conduit	20%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	* *	5	$100	
Molded Case Bkrs	20%			2046	* *	5	$300	
Molded Case Bkrs	75%			2023	$78,500	5	$1,100	
Wiring								
Braided Cloth	80%	2-4	$139,100	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2022	$9,100	5	$100	
Locally Mounted	80%			2041	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%	0-2	$9,500	LIFE	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK EAST HIGH SCHOOL - M
Asset # : 1626

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	5%			2032	* *	10	$2,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Labs And Stairway								
Fluorescent	93%			2019	$559,700	10	$46,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2024	$4,300	10		
Incandescent	1%			2019	$6,000	2		
Egress Lighting								
Emergency, Battery	50%			2019	$36,500	10	$6,500	
Exit, Service	50%			2019	$7,300	1		
Exterior Lighting								
HID	100%			2024	$207,700	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera System								
Fire/Smoke Detection								
Generic	100%			2032	* *	1-3	$34,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	$16,800	
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$53,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$37,800	2034	* *	4	$2,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Terminal Devices								
Air Handler	10%			2019	$29,200	1	$3,400	
Convector/Radiator	70%			2022	$358,200	1	$12,300	
Fan Coil Unit/Heat	20%			2019	$162,200	1	$3,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK EAST HIGH SCHOOL - M

Asset # : 1626

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2019	$16,700	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$15,100	
No Component	50%							
Exhaust Fans								
Interior	20%	0-2	$12,000	2034	* *	2	$300	
On Extended Life, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor								
Roof	30%			2019	$12,900	2	$500	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2034	* *	1		
Galv Iron/Steel	30%	0-2	$4,900	2022	$48,500	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$8,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2024	$11,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : Repair Is In Progress								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 - 5 Floors								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2024	$31,600	1-2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **PARK WEST HIGH SCHOOL - M**		
Address	: **525 W. 50 ST BTWN: 10 AVE., 11 AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M535**
Program / Asset #	: **BOE0140.000 / 1631**	**Yr Built/Renovated**	: **1978 / 2014**
Area Sq Ft	: **407,924**	**Project Type**	: **EDUCATION**
Date of Survey	: **19-Sep-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1079** **Lot** : **29**	**BIN**	: **1083802**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$821,800	$678,100
Interior Architecture	$2,583,400	$4,889,700
Electrical	$1,637,800	$5,387,600
Mechanical	$7,917,500	$8,786,300
Total	**$12,960,400**	**$19,741,600**
Importance Code A	$2,807,600	$678,100
Importance Code B	$8,534,400	$18,774,200
Importance Code C	$1,618,400	$289,300
Total	**$12,960,400**	**$19,741,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,800		$33,600	
Interior Architecture	$93,200		$13,700	$87,000
Electrical	$44,500	$32,900	$37,300	$56,100
Mechanical	$60,500	$141,000	$242,000	$127,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$237,900**	**$183,800**	**$336,500**	**$280,200**
Importance Code A	$29,800	$40,400	$74,000	$40,400
Importance Code B	$168,000	$143,400	$262,500	$239,800
Importance Code C	$40,100			
Total	**$237,900**	**$183,800**	**$336,500**	**$280,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK WEST HIGH SCHOOL - M

Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	$544,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$17,000	
Masonry: Brick Cavity	58%			LIFE	* *	5	$315,800	
Mosaic Tile	5%			2046	* *	10	$42,500	
Pre-Cast Concrete	5%			LIFE	* *	5	$88,500	
Stucco Cement	7%	Now	$110,400	2039	* *	5	$23,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%								
Location : Underside Of 2nd Fl Overhang Around Perimeter								
Windows								
Aluminum	85%			2034	* *	5	$30,100	
Metal Louvers	15%			2035	* *	10	$33,200	
Parapets								
Concrete Masonry Unit	35%			LIFE	* *	5-10	$65,000	
Masonry: Brick	45%			LIFE	* *	5-10	$104,300	
Metal Panel	5%			2046	* *	5	$6,600	
Metal Rail	5%			2039	* *	5-10	$30,600	
Pre-Cast Concrete	10%			LIFE	* *	5	$42,600	
Roof								
IRMA/Protected Membrane	75%			2031	* *	10	$161,100	
Paver: Asphalt	25%	Now	$96,200	2035	* *			
Expansion Jnt Failure, Extent : Severe, Area Affected : 25%								
Location : Water Infiltration Through To 2nd Fl Library-east Plaza Roof								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Plaza Roof Pavers _east Roof								
Explanation : Under Construction								
Interior								
Floors								
Carpet	7%			2022	$545,600	3	$85,500	
Cast in Place Concrete	10%			LIFE	* *	5	$267,100	
Ceramic Tile	3%			2035	* *	5	$18,300	
Quarry Tile	3%			2039	* *	5	$27,500	
Vinyl Tile	74%	Now	$384,200	2026	$3,841,700	3	$169,400	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rooms 420, 430 And Library. Water From Roof - Expansion Joint Defective Above								
Wood	3%	Now	$120,800	2054	* *	5	$17,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout Both Gyms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Throughout Both Gyms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK WEST HIGH SCHOOL - M

Asset # : 1631

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$98,300	
Cast Stone/Terra Cotta	3%			LIFE	* *	10	$88,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Precast Acoustical Panels In Auditorium								
Concrete Masonry Unit	57%			LIFE	* *	5	$358,500	
Folding Partition	3%	Now	$1,126,400	2042	* *	5	$29,500	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Partition Walls In Auditorium And Gymnasiums								
Glass: Single Pane	2%			LIFE	* *	5	$23,600	
Metal Panel	8%			LIFE	* *	10	$28,300	
Plaster	20%	Now	$63,100	LIFE	* *	5	$47,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rooms 147, 420, 430, And Library								
Wood	2%			LIFE	* *	5	$125,800	
Ceilings								
AcousTileConcealSpLn	45%			2031	* *	5	$326,700	
AcousTileSusp.Lay-In	10%	Now	$47,000	2039	* *	5	$29,000	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Room 420, 430 And Library								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Gymnasiums								
Exposed Concrete	5%			LIFE	* *	5-10	$36,300	
Exposed Struc: Steel	10%			LIFE	* *	10	$116,100	
Fiber Board	5%			2026	$189,600			
Metal Panel	5%			LIFE	* *	5	$72,600	
Plaster	20%			LIFE	* *	5-10	$199,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4- 4000 Amps Main Disconnect Switch And 1-1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$586,500	5	$1,400	
Fused Disc Sw	20%			2046	* *	5	$400	
Raceway								
Conduit	90%			2026	$780,300	1		
Conduit	10%			2046	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK WEST HIGH SCHOOL - M

Asset # : 1631

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2025	$73,200	5	$900	
Molded Case Bkrs	20%			2042	* *	5	$2,100	
Molded Case Bkrs	70%			2025	$512,700	5	$7,500	
Wiring								
Thermoplastic	90%			2026	$1,052,600	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$241,700	5	$1,900	
Locally Mounted	30%			2039	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$12,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$22,000	1	$125,500	
Generators								
Diesel	100%			2022	$121,400	1	$158,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Kw								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$15,100	
Fuel Storage								
Day Tank	50%			2025	$14,800	5	$37,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 10 Gals								
Main Tank	50%			2029	* *	5	$6,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Gals								
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$355,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	* *	10	$18,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 5%								
Location : Auditorium								
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$49,200	
Exit, Service	50%			2026	$55,000	1		
Exterior Lighting								
HID	100%			2026	$1,540,600	10	$1,200	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

PARK WEST HIGH SCHOOL - M

Asset # : 1631

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%	Now	$370,300	2036	* *	1	$41,100	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	Now	$1,267,500	2036	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$126,400	
Conversion Equipment								
Steam Boiler	100%	0-2	$1,985,800	2046	* *	1	$363,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : All 4 Boilers								
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : 4 Boilers, Basement								
Distribution								
Steam Piping/Pump	100%	Now	$854,500	2036	* *	4	$20,100	
Repairs In Progress, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Air Handler	50%	Now	$329,900	2026	$1,099,800	1	$113,500	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Under Construction, Work In Progress								
Convector/Radiator	25%	Now	$289,000	2031	* *	1	$29,600	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								
Fan Coil Unit/Heat	25%	Now	$305,400	2026	$1,527,000	1	$29,600	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								
Air Conditioning								
Energy Source								
Electricity	30%			2042	* *	1		
Natural Gas	30%			2046	* *	1		
Steam/HW System	40%			2026	$47,400	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PARK WEST HIGH SCHOOL - M

Asset # : 1631

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Steam/HW	40%	Now	$269,000	2035	* *	1	$158,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement, Roof								
Explanation : Under Construction, Work In Progress - 2 Steam Driven Units, 2 Gas Fired Units								
Centrifugal, Elec Chiller	20%	Now	$22,000	2029	* *	1	$79,500	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units On Roof								
Window/Wall Unit	40%			2021	$335,400	1		
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	$398,700	2036	* *	4	$20,100	
Repairs In Progress, Extent : Light, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler/Cool/Ht	50%	Now	$259,900	2026	$866,400	1	$113,500	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Under Construction, Work In Progress								
Fan Coil - Cool/Heat	50%	Now	$772,200	2026	$3,861,100	1	$59,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								
Heat Rejection								
Water Cool Tower	50%	Now	$585,500	2031	* *	2	$164,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Under Construction, Work In Progress - Serves Steam Driven Unit								
Water Cool Tower	50%	Now	$292,700	2027	* *	2	$164,200	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : Under Construction, Work In Progress - Serves Gas Fired Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$1,056,200	LIFE	* *	2-5	$227,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	20%	Now	$18,000	2026	$90,200	2	$2,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								
Roof	80%	Now	$51,900	2026	$259,400	2	$8,000	
Repairs In Progress, Extent : Light, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$365,500	2031	* *	1		
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Explanation : Under Construction, Work In Progress								
Water Heater								
Electric	100%	Now	$63,200	2026	$63,200	4	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Under Construction, Work In Progress								
HW Heat Exchanger								
Low Temp	100%	Now	$38,000	2036	* *	4	$40,300	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Explanation : Under Construction, Work In Progress								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Areas								
Explanation : Multiple Duplex Units								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : Two Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PARK WEST HIGH SCHOOL - M
Asset # : 1631

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$205,700	
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$22,900	
Fire Pump								
Generic	100%			2022	$302,200	1	$76,200	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**PAUL ROBESON HIGH SCHOOL - BK**			
Address	:	**150 ALBANY AVE @BERGEN ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K625**
Program / Asset #	:	**BOE0651.000 / 689**	**Yr Built/Renovated**	:	**1904 / 2000**
Area Sq Ft	:	**144,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**13-Sep-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**1223** **Lot** : **42**	**BIN**	:	**3030837**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,843,300	$451,800
Interior Architecture	$275,900	$134,500
Electrical	$501,900	
Mechanical	$58,200	$1,983,400
Total	**$2,679,300**	**$2,569,700**
Importance Code A	$1,843,300	$451,800
Importance Code B	$836,000	$2,074,300
Importance Code C		$43,600
Total	**$2,679,300**	**$2,569,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$13,100			
Interior Architecture	$82,100	$4,800		$17,000
Electrical	$14,700	$12,700	$31,600	$20,600
Mechanical	$59,500	$28,600	$77,600	$26,700
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$177,300**	**$54,100**	**$117,100**	**$72,100**
Importance Code A	$44,700	$12,800	$12,800	$12,800
Importance Code B	$113,200	$41,200	$104,300	$59,300
Importance Code C	$19,400			
Total	**$177,300**	**$54,100**	**$117,100**	**$72,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$70,900	
Masonry: Brick	50%	Now	$274,000	LIFE	* *	5	$90,800	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement								
Masonry: Granite	5%			LIFE	* *	5	$6,800	
Masonry: Limestone	40%			LIFE	* *	5	$54,500	
Windows								
Wood	85%	0-2	$1,123,900	2049	* *	5	$200,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wood	15%			2040	* *	5	$70,700	
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$6,500	
Masonry: Limestone	30%			LIFE	* *	5	$4,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$6,800	
Roof								
Built-Up (BUR)	70%	0-2	$313,500	2034	* *			
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Copper/Terne	5%	0-2	$13,100	2039	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Copper/Terne	10%			2052	* *	10	$24,400	
Plaza Roof: Stone Panels	15%	Now	$96,500	2044	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridor, Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor, Cafeteria								
Interior								

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$29,700	
Ceramic Tile	5%			2033	* *	5	$9,700	
Quarry Tile	3%			2037	* *	5	$8,700	
Terrazzo	5%	0-2	$45,100	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	70%	0-2	$230,900	2029	* *	3	$50,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	10%			2052	* *	5	$36,400	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$9,700	
Gypsum Board	10%			LIFE	* *	5	$14,500	
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$29,100	
Plaster	20%	Now	$19,400	LIFE	* *	5	$14,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Teachers Lunch Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Teachers Lunch Room								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$15,700	2029	* *	5	$12,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Cafeteria								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
AcousTileSusp.Lay-In	5%			2037	* *	5	$9,700	
Gypsum Board	10%	0-2	$19,600	LIFE	* *	5	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Corridor								
Plaster	75%			LIFE	* *	5	$90,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2037	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 208/460								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4000 Amps & Main Fused Disconnect Switch In The Switchboard								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	15%			2040	* *	5	$500	
Molded Case Bkrs	85%			2040	* *	5	$3,200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	80%			2037	* *	5	$800	
Motor Control Center	20%			2037	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$44,300	
Generators								
Diesel	100%			2033	* *	1	$55,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Kw Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$32,100	
Fuel Storage								
Day Tank	50%			2040	* *	5	$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 75 Gal								
Main Tank	50%			2052	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gal								
Lighting								

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$116,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2029	* *	10	$100	
Egress Lighting								
Exit, Service	100%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	$400	
Alarm								
Security System								
No Component	80%							
Generic	20%			2019	$87,100	1	$10,800	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2019	$298,300	1-3	$17,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$31,500	2037	* *	1	$115,500	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Retubing Is Required For All 3 Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2034	* *	4	$9,600	
Terminal Devices								
Air Handler	40%			2029	* *	1	$32,100	
Fan Coil Unit/Heat	60%	Now	$58,200	2024	$1,164,100	1	$22,600	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Thermostat And Motors								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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DEPARTMENT OF EDUCATION - 040
PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	$8,800	2024	$175,900	1	$21,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Chiller # 1 Compressor								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chillers In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Ext Pkg Unit - Heating/Cooling	40%			2029	* *	2	$3,200	
No Component	20%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2044	* *	4	$2,600	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	40%	Now	$3,500	2024	$176,100	1	$28,800	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Controls On All Air Handlers, Thermostats								
No Component	60%							
Heat Rejection								
Water Cool Tower	40%	Now	$6,000	2022	$119,000	2	$41,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Cooling Tower								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$72,200	
Exhaust Fans								
Interior	80%			2029	* *	2	$3,200	
Roof	20%	Now	$1,000	2024	$20,600	2	$600	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Motors								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2044	* *	1		
Galv Iron/Steel	90%			2022	$348,300	1		
Water Heater								
Gas Fired	100%	Now	$1,500	2019	$30,100	2	$1,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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PAUL ROBESON HIGH SCHOOL - BK
Asset # : 689

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$7,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B, M, 1-4								
Explanation : Two Units. 1 Unit Is Frequently Down Due To Electrical Problem								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2034	* *	1-2	$3,600	
Chemical System								
Not Accessible	100%							

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Print Date : 23-Oct-2015

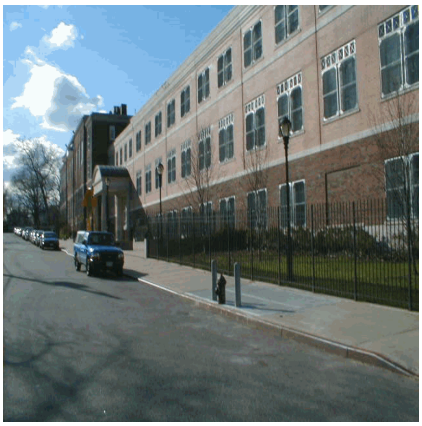
DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **PORT RICHMOND HIGH SCHOOL - SI**
Address : **30 INNIS ST. 85 ST. JOSEPHS AVENUE**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0949.000 / 1200**
Area Sq Ft : **240,604**
Date of Survey : **02-Sep-2011**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **1121** **Lot** : **1**

Agency's Number : **R445**
Yr Built/Renovated : **1927 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5026076**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$174,300	$984,100
Interior Architecture	$445,500	$256,000
Electrical	$967,000	$4,033,900
Mechanical	$588,400	$502,700
Total	**$2,175,200**	**$5,776,700**
Importance Code A	$174,300	$984,100
Importance Code B	$1,871,900	$4,738,700
Importance Code C	$128,900	$53,900
Total	**$2,175,200**	**$5,776,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,800	$26,200		
Interior Architecture	$90,200		$235,300	$28,800
Electrical	$52,100	$100,300	$25,400	$23,500
Mechanical	$187,500	$64,300	$116,900	$64,300
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$361,400**	**$202,600**	**$389,500**	**$128,400**
Importance Code A	$42,900	$49,600	$24,100	$23,500
Importance Code B	$301,300	$153,000	$365,400	$105,000
Importance Code C	$17,200			
Total	**$361,400**	**$202,600**	**$389,500**	**$128,400**



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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	* *	5	$97,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	10%	0-2	$7,400	LIFE	* *	5	$12,200	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Penthouse								
Masonry: Granite	3%			LIFE	* *	5	$2,700	
Masonry: Limestone	5%	0-2	$66,700	LIFE	* *	5	$4,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	2%	0-2	$1,600	LIFE	* *	5	$7,900	
Expansion Jnt Failure, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	98%			2048	* *	5	$52,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	2%	Now	$6,400	2032	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Parapets								
Cast in Place Concrete	15%			LIFE	* *	5	$24,100	
Masonry: Brick	10%	Now	$4,500	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$9,300	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Rail	10%			2036	* *	5-10	$28,100	
Roof								
IRMA/Protected Membrane	60%	Now	$43,700	2023	$874,300			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	3%			2036	* *	10	$10,100	
Modified Bitumen	35%			2028	* *	10	$64,000	
Skylight, Plastic	2%			2036	* *	1		
Interior								

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2019	$226,400	3	$26,600	
Cast in Place Concrete	5%	Now	$18,400	LIFE	* *	5	$38,800	
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Ceramic Tile	5%			2032	* *	5	$17,700	
Terrazzo	15%			LIFE	* *	5	$41,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	65%	Now	$196,000	2028	* *	3	$86,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			2051	* *	5	$33,300	
Interior Walls								
Cast in Place Concrete	5%	4+	$56,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Throughout Basement								
Concrete Masonry Unit	5%			LIFE	* *	5	$7,200	
Gypsum Board	10%			LIFE	* *	5	$21,600	
Marble Panels	3%	Now	$17,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	Now	$72,100	LIFE	* *	5	$53,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$28,700	
Ceilings								
AcousTile,Adhered	10%	Now	$13,900	2036	* *	5	$15,000	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileSusp.Lay-In	10%	Now	$12,100	2036	* *	5	$15,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	25%	4+	$120,500	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Fiber Board	10%			2028	* *			
Gypsum Board	20%			LIFE	* *	5	$74,900	
Plaster	25%	Now	$19,700	LIFE	* *	5	$46,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Air Circuit Breaker	25%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Air Circuit Breaker	25%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Air Circuit Breaker	25%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Air Circuit Breaker	25%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch For Tcu								
Transformers								
Dry Type	50%			2028	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 500 Kva Ratings								
Dry Type	50%			2021	$7,900	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 750 Kva Ratings								
Switchgear / Switchboard								
Fused Disc Sw	80%			2033	* *	5	$800	
Fused Disc Sw	20%			2023	$97,700	5	$200	
Raceway								
Conduit	85%			2023	$491,300	1		
Conduit	5%			2049	* *	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$600	
Molded Case Bkrs	90%			2031	* *	5	$5,700	
Wiring								
Thermoplastic	75%			2023	$584,800	1		
Thermoplastic	20%			2033	* *	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	30%			2021	$69,100	5	$500	
Motor Control Center	70%			2028	* *	5	$4,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,500	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$74,000	
Generators								
Diesel	100%			2026	$121,400	1	$93,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 250 Kva Kohler								
Batteries								
Nickel Cadmium	100%			2017	$1,500	5	$53,600	
Fuel Storage								
Day Tank	50%			2031	* *	5	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 50 Gal Tank								
Main Tank	50%			2038	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gal Tank								
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$2,369,300	10	$195,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Fluorescent	6%			2028	* *	10	$13,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium, Hallway And Lobby								
Explanation : T-5 Lamps								
HID	3%			2023	$56,800	10	$200	
Incandescent	1%			2018	$26,300	2	$100	
Egress Lighting								
Emergency, Service	50%			2018	$58,300	1		
Exit, Service	50%			2018	$32,000	1		
Exterior Lighting								
HID	100%			2018	$908,700	10	$700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$27,000	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$44,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 10,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$23,100	2028	* *	1	$211,200	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Control Valves, Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$82,700	2033	* *	4	$11,700	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%	Now	$12,800	2023	$255,600	1	$26,400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Controls, Throughout								
Convector/Radiator	80%			2028	* *	1	$61,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	60%			2032	* *	1	$153,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller								
Ext Pkg Unit - Cooling	20%			2028	* *	2	$2,900	
Window/Wall Unit	20%			2018	$97,400	1		
Distribution								
Chilled Wtr Pipe/Pump	60%			2043	* *	4	$7,000	
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2028	* *	1	$146,600	
Heat Rejection								
Water Cool Tower	60%	Now	$81,600	2017	$408,200	2	$114,500	
Corroded, Extent : Severe, Area Affected : 30%								
Location : Roof								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$132,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI
Asset # : 1200

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$9,400	2023	$188,400	2	$5,800	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof Exhaust Fan								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$35,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$11,100	2033	* *	4	$1,600	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
No Component	50%							
Generic	50%			2023	$11,500	1	$7,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Freight Basement : 1st Floor And Pass From 1st : 4th Floor								
Explanation : 3 Elevator Units - One Freight And 2 Passenger Plus One Handicap Lift								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	* *	1-2	$6,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **PORT RICHMOND HIGH SCHOOL - SI FIELD HOUSE**
Address : **39 INNIS ST.**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0949.010 / 2944**
Area Sq Ft : **4,800**
Date of Survey : **02-Sep-2011**
Areas Surveyed : **Roof, Floors 1**
Block : **1121** **Lot** : **1**

Agency's Number : **R445**
Yr Built/Renovated : **1927 /**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5026076**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$97,800	
Interior Architecture	$41,400	
Electrical		$266,200
Mechanical	$83,800	$376,400
Total	**$222,900**	**$642,600**
Importance Code A	$181,500	
Importance Code B		$642,600
Importance Code C	$41,400	
Total	**$222,900**	**$642,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$27,400			
Interior Architecture	$16,900			
Electrical	$13,000	$27,700		
Mechanical	$56,300	$4,900	$3,700	$2,300
Total	**$113,500**	**$32,600**	**$3,700**	**$2,300**
Importance Code A	$27,400	$1,700	$1,700	$1,700
Importance Code B	$78,300	$30,900	$2,000	$600
Importance Code C	$7,900			
Total	**$113,500**	**$32,600**	**$3,700**	**$2,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELD HOUSE
Asset # : 2944

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	$38,700	LIFE	* *	5	$12,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Windows								
Wood	100%	Now	$18,100	2048	* *	5	$3,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$1,000	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	90%	Now	$8,300	LIFE	* *	5	$1,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	2-4	$59,100	2033	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$30,100	
Interior Walls								
Cast in Place Concrete	20%	Now	$41,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	15%	Now	$7,900	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	65%			LIFE	* *			
Ceilings								
Plaster	100%	Now	$9,000	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PORT RICHMOND HIGH SCHOOL - SI FIELD HOUSE
Asset # : 2944

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	$48,900	5		
Raceway								
Conduit	90%			2023	$12,500	1		
Conduit	10%			2033	* *	1		
Panelboards								
Fused Disc Sw	40%			2022	$9,000	5		
Molded Case Bkrs	50%			2022	$11,200	5	$100	
Molded Case Bkrs	10%			2031	* *	5		
Wiring								
Braided Cloth	70%	Now	$13,000	2048	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$3,700	1		
Thermoplastic	10%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$45,300	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	90%			2023	$172,000	10	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
HID	5%			2023	$6,900	10		
Incandescent	5%			2018	$9,600	2		
Egress Lighting								
Emergency, Service	50%			2023	$4,200	1		
Exit, Service	50%			2023	$2,300	1		
Exterior Lighting								
HID	100%			2018	$18,100	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2023	$42,400	5	$5,300	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Field House Yard								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PORT RICHMOND HIGH SCHOOL - SI FIELD HOUSE

Asset # : 2944

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$83,800	2043	* *	1	$15,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	Now	$24,000	2023	$120,100	4	$800	
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2021	$162,500	1	$5,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,600	
Exhaust Fans								
Interior	100%	0-2	$19,000	2033	* *	2	$400	
Broken, Extent : Severe, Area Affected : 100%								
Location : Locker Room								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	$51,400	1		
HW Heat Exchanger								
Low Temp	100%	Now	$1,600	2023	$5,300	4	$1,700	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$11,100	2033	* *	4	$1,600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **PROSPECT HEIGHTS HIGH SCHOOL -BK**				
Address	: **883 CLASSON AVE. BTWN: UNION ST., PRESIDENT ST.**				
Borough	: **BROOKLYN**		**Agency's Number**	: **K440**	
Program / Asset #	: **BOE0628.000 / 1225**		**Yr Built/Renovated**	: **1924 / 2006**	
Area Sq Ft	: **246,000**		**Project Type**	: **EDUCATION**	
Date of Survey	: **04-Mar-2015**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,5**				
Block	: **1187**	**Lot** : **1**	**BIN**	: **3029686**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$4,249,800	$1,019,300
Interior Architecture	$644,300	$345,700
Electrical	$155,900	$1,402,500
Mechanical	$209,400	$4,370,300
Total	**$5,259,400**	**$7,137,800**
Importance Code A	$4,249,800	$1,019,300
Importance Code B	$963,100	$6,031,600
Importance Code C	$46,500	$86,900
Total	**$5,259,400**	**$7,137,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$61,100			
Interior Architecture	$112,200	$24,800	$31,000	$33,100
Electrical	$75,200	$19,900	$22,800	$19,900
Mechanical	$132,300	$64,600	$70,200	$71,500
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$395,700**	**$124,100**	**$138,800**	**$139,300**
Importance Code A	$83,000	$21,900	$21,900	$21,900
Importance Code B	$285,300	$102,200	$102,400	$111,200
Importance Code C	$27,300		$14,500	$6,200
Total	**$395,700**	**$124,100**	**$138,800**	**$139,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	* *	5	$65,400	
Masonry: Brick	90%	2-4	$888,500	LIFE	* *	5	$294,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Courtyard Facades, Bulkheads								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Courtyard Facades								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Courtyard Facades, Bulkheads								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Courtyard Facades								
Masonry: Limestone	8%	Now	$286,000	LIFE	* *	5	$19,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Banding And Sills								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Banding And Sills Throughout								
Windows								
Steel	25%	Now	$1,248,100	2051	* *	5	$131,000	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Windows								
Explanation : Protective Metal Grills								
Wood	55%	Now	$1,294,100	2051	* *	5	$230,500	1
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 25%								
Location : Classroom Windows								
Hardware Missing, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Sills And Headers Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Windows								
Explanation : Protective Metal Grills								
Wood	20%	Now	$470,600	2051	* *	5	$83,800	1
Air Infiltration, Extent : Severe, Area Affected : 75%								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Wood	20%	Now	$470,600	2051	* *	5	$83,800	1
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Parapets								
Masonry: Brick	70%	2-4	$62,500	LIFE	* *	5	$10,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Courtyard Parapet Walls								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Courtyard Parapet Walls								
Masonry: Limestone	10%			LIFE	* *	5-10	$18,900	
Metal Panel	20%			2036	* *	5	$12,000	
Roof								
Built-Up (BUR)	35%			2031	* *	10	$48,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Auditorium								
Explanation : Roof								
IRMA/Protected Membrane	53%			2031	* *	10	$73,800	
Metal Panel	10%			2024	$157,000	10	$25,500	
Roll Roofing	2%	Now	$11,500	2028	* *	5	$2,300	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Bulkhead Roofs								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$144,900	
Ceramic Tile	10%			2039	* *	5	$33,100	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Pool And Girls/boys Locker Rooms								
Quarry Tile	10%			2043	* *	5	$49,700	
Terrazzo	5%			LIFE	* *	5	$25,900	
Vinyl Tile	65%	Now	$183,100	2034	* *	3	$80,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2035	* *	5	$12,400	
Ceramic Tile	7%			2039	* *	5	$29,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Pool, Girls/boys Locker Rooms								
Masonry: Brick	10%			LIFE	* *	10	$12,400	
Metal Panel	4%			LIFE	* *	10	$7,400	
Metal: Cage/Fence	3%			LIFE	* *	10	$2,500	
Marble Panels	3%			LIFE	* *	10	$5,000	
Plaster	70%	Now	$46,500	LIFE	* *	5	$86,900	
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Stair 20								
Ceilings								
Exposed Concrete	10%	Now	$213,200	LIFE	* *	5	$5,200	
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Sidewalk Vault Front Classon Ave								
Other Observation, Extent : Severe, Area Affected : 3%								
Location : Basement								
Explanation : Mechanical Penetration Through Vault From Tree Planter Above								
Exposed Struc: Steel	5%			LIFE	* *	10	$33,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking								
Gypsum Board	10%			LIFE	* *	5-10	$113,900	
Metal Panel	5%			LIFE	* *	5	$41,400	
Plaster	65%	Now	$56,500	LIFE	* *	5	$134,600	
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	5%			LIFE	* *	5-10	$28,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Decorative Molding								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2046	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amp, One 1600 Amp & Two 1200 Amp Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amp Main Disconnect For Emergency								
Transformers								
Dry Type	100%			2039	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 480pri-208/120sec								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$1,100	
Raceway								
Conduit	80%			2046	* *	1		
Conduit	20%			2026	$115,600	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$600	
Molded Case Bkrs	90%			2042	* *	5	$5,800	
Wiring								
Braided Cloth	20%	2-4	$155,900	2051	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	80%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2039	* *	5	$1,300	
Locally Mounted	20%			2024	$46,000	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$75,700	
Generators								
Diesel	100%			2035	* *	1	$95,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : One 350 Kw								
Batteries								
Nickel Cadmium	100%			2021	$1,500	5	$54,800	

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Fuel Storage								
Day Tank	50%			2042	* *	5	$20,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 50 Gallons								
Main Tank	50%			2054	* *	5	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	88%			2036	* *	10	$178,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$10,200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2021	$122,900	10	$10,200	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	20%			2036	* *	1		
Emergency, Service	40%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2021	$929,100	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$27,600	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : #1 Is Undergoing Repair And Operates With #2 Oil Only. #2 Operates With Gas Only								
Explanation : 3 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$219,200	
Distribution								
Steam Piping/Pump	100%	Now	$154,600	2036	* *	4	$10,900	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Vacuum Pump, Basement								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : South Basement Fan Room - 1 Of 2 Defective Condensate Return Pump,1 Of 2 Condensate Return Pump Motors								
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	40%	Now	$23,900	2026	$477,400	1	$49,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Fan Rooms								
Convector/Radiator	60%			2024	$1,254,500	1	$42,900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%	Now	$22,500	2026	$225,400	1	$27,700	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : 5th Floor A C Room								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : A C Room								
Explanation : 2 Sets - 1 Control Panel & 1 Compressor Is Down								
Window/Wall Unit	20%			2021	$91,000	1		
No Component	50%							
Distribution								
Chilled Wtr Pipe/Pump	30%	Now	$8,100	2036	* *	4	$3,300	
Damaged, Extent : Moderate, Area Affected : 66%								
Location : 1 Of 3 Chilled Water Pumps - Cracked Pump Housing; 1 Of 3 Chilled Water Pump - Defective Pump Bearings								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2026	$141,000	1	$41,100	
No Component	70%							
Heat Rejection								
Remote Air Cond	30%			2026	$198,300	2	$46,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$195,400	
Exhaust Fans								
Interior	60%			2026	$146,800	2	$4,100	
Roof	40%			2031	* *	2	$2,700	

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DEPARTMENT OF EDUCATION - 040
PROSPECT HEIGHTS HIGH SCHOOL -BK
Asset # : 1225

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2036	* *	1		
Galv Iron/Steel	40%			2024	$264,400	1		
Water Heater								
Gas Fired	100%			2021	$51,500	2	$3,200	
HW Heat Exchanger								
Low Temp	100%	Now	$1,400	2036	* *	4	$21,900	
Damaged, Extent : Light, Area Affected : 100%								
Location : Swimming Pool Mechanical Room - Defective Thermostatic Control Valve								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 2%								
Location : South Side Slop Sink Line								
Storm Drain Piping								
Cast Iron	100%	Now	$6,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Staircase #20								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2031	* *	4		
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2026	$789,900	1-5	$115,700	
Sprinkler								
No Component	75%							
Generic	25%			2026	$646,100	1-2	$15,500	
Fire Pump								
Generic	100%			2035	* *	1	$41,300	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **PS-IS 665 @ PS 163K - BK**		
Address	: **109 BAY 14 STREET BTWN BATH AVE. - BENSON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **BOE1123.000 / 14657**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **105,375**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Jun-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,p**		
Block	: **6399** **Lot** : **26**	**BIN**	: **3392297**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$286,200
Interior Architecture	$69,000	$237,000
Electrical		$96,600
Total	**$69,000**	**$619,900**
Importance Code A		$286,200
Importance Code B	$69,000	$226,000
Importance Code C		$107,600
Total	**$69,000**	**$619,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$10,200	
Interior Architecture			$60,100	
Electrical	$12,600	$12,600	$26,800	$12,600
Mechanical	$10,900	$15,000	$19,000	$15,400
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$38,400**	**$42,400**	**$131,000**	**$42,800**
Importance Code A	$5,200	$5,200	$15,700	$5,200
Importance Code B	$33,200	$37,200	$80,900	$37,600
Importance Code C			$34,500	
Total	**$38,400**	**$42,400**	**$131,000**	**$42,800**

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040

PS-IS 665 @ PS 163K - BK

Asset # : 14657

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel	10%			LIFE	* *	5	$38,000	
Glass Block	1%			LIFE	* *	5	$800	
Masonry: Brick	85%			LIFE	* *	5	$103,500	
Metal/Glass Curt Wall	4%			LIFE	* *	5	$9,100	
Windows								
Aluminum	99%			2049	* *	5	$18,200	
Metal Louvers	1%			2039	* *	10	$1,100	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$101,900	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$17,000	
Masonry: Brick	45%			LIFE	* *	5	$9,900	
Roof								
Cast in Place Concrete	25%			LIFE	* *			
IRMA/Protected Membrane	75%			2034	* *	10	$42,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$17,300	
Ceramic Tile	5%			2039	* *	5	$7,900	
Sheet Vinyl/Rubber	5%			2034	* *	5	$11,800	
Terrazzo	5%			LIFE	* *	5	$6,200	
Vinyl Tile	80%			2034	* *	3	$47,300	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	25%			2039	* *	5	$69,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$5,500	
Gypsum Board	65%			LIFE	* *	5	$107,600	
Ceilings								
AcousTileConcealSpLn	80%			2044	* *	5	$138,000	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2034	* *			
Gypsum Board	5%			LIFE	* *	5	$8,600	
Wood	5%			LIFE	* *	5	$60,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$500	

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DEPARTMENT OF EDUCATION - 040
PS-IS 665 @ PS 163K - BK
Asset # : 14657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	15%			2049	* *	5	$400	
Molded Case Bkrs	85%			2049	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : 30% Of The Motor Controller Are Vfd								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$32,400	
Generators								
Diesel	100%			2039	* *	1	$40,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Roof Top								
Explanation : One 350 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$3,900	
Fuel Storage								
Day Tank	50%			2049	* *	5	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse - Roof Top								
Explanation : One 275 Gals.								
Main Tank	50%			2064	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	85%			2034	* *	10	$82,100	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium & Throughout The Building								
Fluorescent	15%			2034	* *	10	$14,500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Basement, Hallway, Lunch Room & Auditorium								
Egress Lighting								
Emergency, Service	58%			2034	* *	1		
Emergency, Battery	2%			2034	* *	10	$500	
Exit, Service	40%			2034	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

PS-IS 665 @ PS 163K - BK

Asset # : 14657

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2034	* *	10	$300	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2064	* *	5	$3,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$11,800	
Fire/Smoke Detection								
No Component	30%							
Generic	70%			2034	* *	1-3	$45,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2050	* *	1		
Conversion Equipment								
Furnace	80%			2032	* *	1	$41,700	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 6 Roof Top Package Units								
Hot Water Boiler	20%			2041	* *	1	$10,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Penthouse								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2046	* *	4	$1,600	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2041	* *	1	$6,800	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2032	* *	2	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Roof Top Package Units, R410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$58,800	

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DEPARTMENT OF EDUCATION - 040

PS-IS 665 @ PS 163K - BK

Asset # : 14657

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%			2032	* *	2	$3,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2023	$24,500	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$6,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : B-5								
Explanation : 2 Units								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B- G								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$29,500	
Fire Pump								
Generic	100%			2037	* *	1	$19,700	
Chemical System								
No Component	98%							
Generic	2%			2023	$500	1-3	$1,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **QUEENS ACADEMY H.S. - Q**		
Address	: **138-11 35 AVENUE @ UNION ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q023**
Program / Asset #	: **BOE0686.000 / 4421**	**Yr Built/Renovated**	: **1900 / 2001**
Area Sq Ft	: **21,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Jan-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,atc**		
Block	: **4956** **Lot** : **55**	**BIN**	: **4112106**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$43,500	
Electrical	$270,300	$147,000
Mechanical		$204,700
Total	**$313,800**	**$351,800**
Importance Code A	$43,500	
Importance Code B	$270,300	$351,800
Total	**$313,800**	**$351,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$39,600			$5,200
Interior Architecture	$13,800	$2,500		$13,500
Electrical		$100	$200	$34,300
Mechanical	$18,100	$3,800	$3,800	$24,500
Total	**$71,400**	**$6,500**	**$4,000**	**$77,500**
Importance Code A	$41,700	$2,100	$2,100	$7,400
Importance Code B	$29,700	$3,600	$1,800	$70,100
Importance Code C		$700		
Total	**$71,400**	**$6,500**	**$4,000**	**$77,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

QUEENS ACADEMY H.S. - Q

Asset # : 4421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$3,400	
Masonry: Brick	90%			LIFE	* *	5	$13,100	
Masonry: Limestone	2%	Now	$31,900	LIFE	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Window Sills At Basement Windows								
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Window Sills At Basement windows								
Wood	5%	Now	$7,700	2030	* *	5	$1,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Wood Trims								
Paint Peeling, Extent : Severe, Area Affected : 75%								
Location : Wood Trims								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Wood Trims								
Windows								
Aluminum	100%			2041	* *	5	$3,600	
Parapets								
Copper/Terne	25%			2060	* *	5	$4,700	
No Component	75%							
Roof								
Modified Bitumen	10%			2030	* *	10	$2,900	
Slate	90%	Now	$43,500	LIFE	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : At Duct								
Water Penetration, Extent : Moderate, Area Affected : 19%								
Location : Attic								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$14,200	
Vinyl Tile	5%	Now	$13,800	2035	* *	3	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairs, Room 106								
Explanation : 9x9 Units								
Vinyl Tile	40%			2030	* *	3	$4,900	
Vinyl Tile	5%			2033	* *	3	$600	
Wood	25%			2040	* *	5	$15,200	
Under Construction	5%							
Interior Walls								
Ceramic Tile	5%			2028	* *	5	$1,400	
Masonry: Brick	25%			LIFE	* *			
Plaster	65%			LIFE	* *	5	$5,600	
Under Construction	5%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	35%			2030	* *	5	$11,300	
Metal Panel	10%			LIFE	* *	5	$4,100	
Plaster	50%			LIFE	* *	5	$10,100	
Under Construction	5%							

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2025	$48,900	5		
Fused Disc Sw	50%			2051	* *	5		
Raceway								
Conduit	70%			2025	$36,800	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	20%			2041	* *	5	$100	
Molded Case Bkrs	70%			2024	$52,300	5	$400	
Wiring								
Braided Cloth	70%	2-4	$46,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	80%			2038	* *	5	$100	
Locally Mounted	20%			2023	$9,100	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS ACADEMY H.S. - Q
Asset # : 4421

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	35%			2030	* *	10	$7,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Classrooms								
Explanation : T- 8 Lamps								
Fluorescent	60%			2020	$144,500	10	$11,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Explanation : T12 Lamps								
Incandescent	5%			2020	$12,000	2		
Egress Lighting								
Emergency, Battery	40%			2030	* *	10	$2,100	
Exit, Service	40%			2030	* *	1		
Exit, Service	20%			2020	$1,200	1		
Exterior Lighting								
HID	100%			2020	$79,300	10	$100	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Generic, Digital	100%			2030	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Stobe Light, Manual Pull Station And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$21,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$15,100	2035	* *	4	$1,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 50%								
Location : Various Locations								
Terminal Devices								
Convector/Radiator	100%			2023	$204,700	1	$7,000	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

QUEENS ACADEMY H.S. - Q

Asset # : 4421

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	10%			2020	$4,500	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$6,000	
No Component	50%							
Exhaust Fans								
Interior	50%			2020	$12,000	2	$300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Attic								
Explanation : Fans								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2035	* *	1		
Galv Iron/Steel	40%			2023	$25,900	1		
Water Heater								
Gas Fired	100%			2020	$5,000	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement								
Explanation : Under Construction								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **QUEENS GATEWAY TO HEALTH SCI. -Q**		
Address	: **160-20 GOETHALS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q695**
Program / Asset #	: **BOE1115.000 / 14571**	**Yr Built/Renovated**	: **2010 /**
Area Sq Ft	: **127,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Mar-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **6858** **Lot** : **1**	**BIN**	: **4439814**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$127,800	$127,800
Interior Architecture	$68,000	$37,100
Electrical		$114,200
Mechanical	$31,500	
Total	**$227,300**	**$279,100**
Importance Code A	$127,800	$127,800
Importance Code B	$31,500	$114,200
Importance Code C	$68,000	$37,100
Total	**$227,300**	**$279,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,000	$4,700		
Interior Architecture	$40,800	$35,700	$19,000	
Electrical	$15,000	$13,300	$10,200	$10,300
Mechanical	$25,400	$20,600	$29,800	$21,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$107,000**	**$82,200**	**$66,900**	**$39,400**
Importance Code A	$24,600	$11,000	$6,300	$6,300
Importance Code B	$61,600	$71,200	$50,300	$33,100
Importance Code C	$20,900		$10,300	
Total	**$107,000**	**$82,200**	**$66,900**	**$39,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	93%			LIFE	* *	5	$155,400	
Window Wall	7%			2052	* *	5	$21,900	
Windows								
Aluminum	100%			2048	* *	5	$8,500	
Parapets								
Masonry: Brick Cavity	85%			LIFE	* *	5-10	$7,300	
Metal Rail	5%			2043	* *	5-10	$1,100	
Pre-Cast Concrete	10%			LIFE	* *	5	$1,600	
Roof								
Copper/Terne	5%			2061	* *	10	$3,100	
IRMA/Protected Membrane	40%			2034	* *	10	$10,000	
IRMA/Protected Membrane	40%			2034	* *	10	$10,000	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Upper Roof								
Sloped Glazing	15%			LIFE	* *	5	$100,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$16,000	
Ceramic Tile	5%			2039	* *	5	$3,700	
Quarry Tile	5%			2043	* *	5	$5,500	
Vinyl Tile	75%			2034	* *	3	$20,600	
Wood	10%			2061	* *	5	$13,700	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$12,900	
Ceramic Tile	20%			2039	* *	5	$20,600	
Concrete Masonry Unit	10%			LIFE	* *	5	$8,200	
Glass: Single Pane	5%			LIFE	* *	5	$7,700	
Gypsum Board	60%			LIFE	* *	5-10	$105,000	
Ceilings								
AcousTileSusp.Lay-In	90%			2043	* *	5	$65,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$7,300	
Metal Panel	5%			LIFE	* *	5	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 3000 Amps And One 1200 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	100%			2043	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Three 750 Kva 208hv-480y/277lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	90%			2048	* *	5	$3,000	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$200	
Motor Control Center	60%			2043	* *	5	$2,100	
Variable Frequency Drive	20%			2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Mechanical Equipment Controllers Monitored By Bms								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$39,100	
Generators								
Diesel	100%			2039	* *	1	$49,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 400 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$4,700	
Fuel Storage								
Main Tank	100%			2061	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 275 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	88%			2034	* *	10	$102,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2034	* *	10	$11,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2034	* *	2	$100	
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	40%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$3,700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$14,200	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	100%			2034	* *	1	$62,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Roof Top Package Units								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$7,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$112,100	
Exhaust Fans								
Roof	100%			2036	* *	2	$3,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS GATEWAY TO HEALTH SCI. -Q
Asset # : 14571

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater								
Electric	50%			2026	$9,800	4	$600	
Gas Fired	50%			2026	$14,800	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2036	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2036	* *	1	$7,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$35,600	
Fire Pump								
Generic	100%			2041	* *	1	$23,700	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **QUEENS VOCATIONAL TECH. H.S. - Q**
Address : **37-02 47TH AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE0890.000 / 1456**
Area Sq Ft : **163,050**
Date of Survey : **19-Dec-2012**
Areas Surveyed : **Basement, Roof, Floors 1,3,4**
Block : **228** **Lot** : **20**

Agency's Number : **Q600**
Yr Built/Renovated : **1929 / 2005**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4003259**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$89,200	$150,800
Interior Architecture	$332,700	$191,700
Electrical		$768,700
Mechanical	$198,700	$1,416,300
Total	**$620,600**	**$2,527,500**
Importance Code A	$89,200	$150,800
Importance Code B	$345,400	$2,332,900
Importance Code C	$186,000	$43,800
Total	**$620,600**	**$2,527,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$14,500
Interior Architecture	$19,500	$6,000		$34,800
Electrical	$18,000	$16,800	$37,700	$18,700
Mechanical	$28,900	$29,000	$63,300	$31,800
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$74,300**	**$59,700**	**$108,800**	**$107,600**
Importance Code A	$12,700	$12,700	$12,700	$27,500
Importance Code B	$61,600	$47,000	$96,100	$64,900
Importance Code C				$15,200
Total	**$74,300**	**$59,700**	**$108,800**	**$107,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	$84,700	
Sidewalk Shed in Use, Extent : Light, Area Affected : 25%								
Location : Along 38th Street								
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Pre-Cast Concrete	2%			LIFE	* *	5	$5,900	
Windows								
Aluminum	75%			2040	* *	5	$28,900	
Aluminum	25%			2046	* *	5	$9,600	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : 2nd And 3rd Floor								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$7,600	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Bulkheads								
Masonry: Limestone	5%			LIFE	* *	5	$500	
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Roof								
Built-Up (BUR)	45%			2029	* *	10	$44,600	
Copper/Terne	5%			2052	* *	10	$12,400	
IRMA/Protected Membrane	45%			2029	* *	10	$44,600	
Sloped Glazing	5%			LIFE	* *	5	$66,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Ceramic Tile	5%			2033	* *	5	$12,000	
Terrazzo	5%	4+	$55,900	LIFE	* *	5	$9,400	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Main Entrance								
Vinyl Tile	65%			2029	* *	3	$78,100	
Wood	20%			2039	* *	5	$90,100	

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	8%	0-2	$53,800	2033	* *	5	$9,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor								
Concrete Masonry Unit	10%	0-2	$54,100	LIFE	* *	5	$9,700	
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Electrical Room								
Folding Partition	5%			2040	* *	5	$30,400	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Gymnasium, 2011								
Gypsum Board	30%			LIFE	* *	5	$43,800	
Masonry: Brick	4%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	40%	0-2	$78,200	LIFE	* *	5	$29,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stair X								
Ceilings								
AcousTileSusp.Lay-In	45%			2037	* *	5	$91,400	
Exposed Concrete	5%			LIFE	* *	5	$1,600	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$57,100	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 3000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$700	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$400	
Molded Case Bkrs	90%			2046	* *	5	$3,900	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$1,100	

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$50,200	
Generators								
Diesel	100%			2037	* *	1	$63,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Courtyard								
Explanation : One 110 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$36,300	
Fuel Storage								
Day Tank	50%			2046	* *	5	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Courtyard								
Explanation : One 75 Gals								
Main Tank	50%			2059	* *	5	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	35%			2024	$624,400	10	$51,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Old Sections								
Explanation : T-12 Lamps								
Fluorescent	63%			2032	* *	10	$92,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : New Sections								
Explanation : T-8 Lamps								
HID	2%			2024	$25,600	10	$100	
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$19,400	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$18,300	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$41,400	

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	40%			2044	* *	1		
Interruptible Gas/Dual Fuel	60%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : (1) 7,500 Gallon Tank								
Conversion Equipment								
Furnace	40%			2029	* *	1	$31,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Gas Fired Packaged Rooftop Units								
Steam Boiler	60%			2029	* *	1	$95,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Dual Fuel Steam Boilers								
Distribution								
Steam Piping/Pump	10%	Now	$112,100	2054	* *	4	$800	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Defective Steam Traps, Thermostats And Control Valves								
Steam Piping/Pump	40%			2024	$448,600	4	$3,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Limit								
Steam Piping/Pump	10%			2044	* *	4	$800	
No Component	40%							
Terminal Devices								
Air Handler	10%			2019	$86,600	1	$9,900	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement Fan Room, The Auditorium Blower Is Beyond Its Useful Life Cycle Limit								
Convector/Radiator	50%			2022	$758,500	1	$25,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Old Wing, The Radiators Are Beyond Their Useful Life Cycle Limit								
Fan Coil Unit/Heat	40%			2029	* *	1	$20,800	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Throughout New Wing Of Building								
Explanation : V A V Boxes In Ductwork								
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%			2029	* *	2	$3,900	
Window/Wall Unit	40%			2022	$132,100	1		
No Component	20%							

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DEPARTMENT OF EDUCATION - 040
QUEENS VOCATIONAL TECH. H.S. - Q
Asset # : 1456

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$89,600	
Exhaust Fans								
Interior	10%			2019	$17,800	2	$500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : The Auditorium Exhaust Fan Is Beyond Its Useful Life Cycle Limit								
Roof	50%			2029	* *	2	$2,500	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Gas Fired	100%			2022	$37,400	2	$2,300	
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	40%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$9,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	60%							
Generic	40%			2044	* *	1-2	$18,000	
Fire Pump								
Generic	100%	0-2	$2,400	2033	* *	1	$27,000	
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement Fire Pump Room, Fire Pump Has Leaky Pump Seal								
Chemical System								
Generic	100%			2022	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **RALPH MCKEE VOCATIONAL H.S. - SI**		
Address	: **290 ST MARK'S PLACE @WALL ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R600**
Program / Asset #	: **BOE0954.000 / 1204**	**Yr Built/Renovated**	: **1935 / 1999**
Area Sq Ft	: **145,856**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-Oct-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**		
Block	: **19** **Lot** : **4**	**BIN**	: **5000314**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$172,500	$217,400
Interior Architecture	$757,600	$897,900
Electrical	$770,500	$1,137,900
Mechanical	$271,700	$548,600
Total	**$1,972,300**	**$2,801,800**
Importance Code A	$172,500	$259,400
Importance Code B	$1,654,200	$2,496,700
Importance Code C	$145,500	$45,700
Total	**$1,972,300**	**$2,801,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$17,300			
Interior Architecture	$75,900	$10,800	$26,900	
Electrical	$15,600	$20,300	$30,500	$15,000
Mechanical	$46,100	$29,400	$69,200	$22,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$162,700**	**$68,300**	**$134,500**	**$45,300**
Importance Code A	$31,500	$14,200	$14,500	$14,200
Importance Code B	$101,000	$54,100	$119,900	$31,000
Importance Code C	$30,300			
Total	**$162,700**	**$68,300**	**$134,500**	**$45,300**

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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%			LIFE	* *	5	$44,800	
Masonry: Granite	10%			LIFE	* *	5	$6,100	
Masonry: Limestone	30%			LIFE	* *	5	$18,300	
Granite Panels	5%			LIFE	* *	5	$3,100	
Windows								
Wood	100%			2040	* *	5	$345,100	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$6,400	
Masonry: Limestone	15%			LIFE	* *	5	$1,400	
Roof								
Built-Up (BUR)	85%	0-2	$17,300	2029	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	10%			LIFE	* *			
Copper/Terne	5%			2052	* *	10	$11,100	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$47,000	
Ceramic Tile	5%			2027	* *	5	$10,800	
Terrazzo	10%			LIFE	* *	5	$16,800	
Vinyl Tile	40%			2024	$731,400	3	$32,300	
Vinyl Tile	25%			2019	$457,100	3	$20,200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Explanation : 9x9 Size Tiles								
Wood	10%			2039	* *	5	$40,300	
Interior Walls								
Ceramic Tile	3%	0-2	$9,000	2027	* *	5	$3,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	2-4	$21,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%			LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	70%	0-2	$61,200	LIFE	* *	5	$45,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	20%	2-4	$84,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	15%	0-2	$11,000	2029	* *	5	$17,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	10%			LIFE	* *	5	$8,200	
Exposed Concrete	10%	2-4	$29,200	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Plaster	65%	Now	$155,000	LIFE	* *	5	$73,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2024	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2024	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$219,900	5	$600	
Raceway								
Conduit	97%			2024	$240,000	1		
Conduit	3%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 3%								
Location : Throughout								
Panelboards								
Fused Disc Sw	15%			2023	$33,600	5	$500	
Molded Case Bkrs	82%			2023	$183,900	5	$3,100	
Molded Case Bkrs	3%			2049	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 3%								
Location : Throughout								
Wiring								
Thermoplastic	97%			2024	$337,000	1		
Thermoplastic	3%			2054	* *	1		
Recent Installation, Extent : Light, Area Affected : 3%								
Location : Throughout								
Motor Controllers								
Locally Mounted	100%			2022	$115,100	5	$1,000	
Ground								

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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	$44,900	
Generators								
Natural Gas	100%			2033	* *	1	$56,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 80 Kw								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$5,400	
Lighting								
Interior Lighting								
Fluorescent	94%			2029	* *	10	$123,900	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : Lamp Type T-8								
Incandescent	6%			2019	$95,800	2	$200	
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Emergency, Battery	10%			2029	* *	10	$3,500	
Exit, Service	30%			2019	$11,600	1		
Exit, Service	10%			2029	* *	1		
Exterior Lighting								
HID	100%			2019	$550,900	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$16,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2032	* *	1-3	$27,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$142,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								

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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$50,200	2034	* *	4	$7,100	
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2024	$154,900	1	$17,800	
Convector/Radiator	70%			2029	* *	1	$32,500	
Fan Coil Unit/Heat	10%	Now	$21,500	2024	$215,100	1	$4,200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2019	$221,500	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$80,100	
Exhaust Fans								
Interior	90%			2024	$142,900	2	$4,000	
Roof	10%			2024	$11,400	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		
Galv Iron/Steel	80%			2029	* *	1		
Water Heater								
Gas Fired	100%	Now	$1,700	2019	$33,400	2	$1,700	
Broken, Extent : Moderate, Area Affected : 5%								
Location : Circulation Pump								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
HW Heat Exchanger								
Low Temp	100%			2034	* *	4	$21,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$2,200	2024	$11,100	4	$1,600	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Basement, Sump Pump								

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DEPARTMENT OF EDUCATION - 040
RALPH MCKEE VOCATIONAL H.S. - SI
Asset # : 1204

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Backflow Preventer								
No Component	90%							
Generic	10%			2029	* *	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Feeds Boiler Make Up								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-5 (1) B-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2044	* *	1-2	$4,000	
Chemical System								
Clean	10%			2022	$5,000	1-3	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : For The Kitchen Hood								
Wet	20%			2022	$5,700	1-3	$11,400	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **REGION 3/ROC C - Q**		
Address	: **30-48 LINDEN PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **Q859**
Program / Asset #	: **BOE1052.000 / 14267**	**Yr Built/Renovated**	: **1955 / 1993**
Area Sq Ft	: **93,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-May-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,6,PH**		
Block	: **4370** **Lot** : **50**	**BIN**	: **4100749**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$624,900	$38,200
Interior Architecture	$154,900	$242,800
Electrical	$85,400	$871,800
Mechanical	$297,000	$530,100
Total	**$1,162,200**	**$1,682,900**
Importance Code A	$624,900	$38,200
Importance Code B	$482,500	$1,565,300
Importance Code C	$54,800	$79,300
Total	**$1,162,200**	**$1,682,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$53,100		$12,000	
Interior Architecture	$85,000			$18,400
Electrical	$4,400	$3,800	$3,800	$3,100
Mechanical	$74,000	$20,700	$54,400	$22,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$228,200**	**$36,400**	**$82,100**	**$56,000**
Importance Code A	$75,700	$4,900	$17,600	$4,900
Importance Code B	$152,500	$31,500	$64,600	$51,200
Importance Code C				
Total	**$228,200**	**$36,400**	**$82,100**	**$56,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REGION 3/ROC C - Q

Asset # : 14267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%	0-2	$230,800	LIFE	* *	5	$38,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Window Wall	30%	4+	$394,100	2044	* *	5	$30,700	
Glazing Clouded, Extent : Moderate, Area Affected : 60%								
Location : Various Locations Throughout								
Parapets								
Masonry: Brick	45%	4+	$29,300	LIFE	* *	5	$5,100	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Elevator Pit Roof								
Metal Panel	45%			2044	* *	5	$19,700	
Metal Panel	10%			2044	* *	5	$4,400	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Coping								
Roof								
Built-Up (BUR)	100%	Now	$23,700	2029	* *			
Ponding, Extent : Light, Area Affected : 10%								
Location : North								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : South Side Above Computer Lab								
Interior								
Floors								
Carpet	10%	Now	$59,300	2023	$197,700	3	$23,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Offices And Conference Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Offices And Conference Rooms								
Cast in Place Concrete	30%			LIFE	* *	5	$101,600	
Ceramic Tile	5%	Now	$15,000	2033	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : First Floor Girls Bathroom								
Vinyl Tile	55%			2029	* *	3	$42,600	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$17,600	
Gypsum Board	75%	0-2	$54,800	LIFE	* *	5	$79,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Soffits								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REGION 3/ROC C - Q

Asset # : 14267

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	80%	0-2	$100,100	2037	* *	5	$61,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Below Ceiling Units On 5th Floor								
Exposed Concrete	5%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$19,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Electrical Service Rated @ 3000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	* *	5	$400	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Molded Case Bkrs	100%			2032	* *	5	$2,400	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,400	
Lighting								
Interior Lighting								
Fluorescent	30%			2029	* *	10	$28,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2024	$65,400	10	$4,700	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	60%			2029	* *	10	$56,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	5%			2024		10	$200	
Egress Lighting								
Emergency, Battery	50%			2024	$69,800	10	$12,500	
Exit, LED	50%			2039	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REGION 3/ROC C - Q

Asset # : 14267

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2024	$351,200	10	$300	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$10,400	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2024	$385,300	1-3	$22,900	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	5%			2044	* *	1		
Natural Gas	95%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	95%	Now	$22,100	2037	* *	1	$43,700	
Cracked, Extent : Severe, Area Affected : 50%								
Location : 7 Boilers - Heat Exchangers - Penthouse								
Other Observation, Extent : Light, Area Affected : 95%								
Location : 6th Floor Penthouse								
Explanation : 12 Small Units								
Radiant Heater	5%			2029	* *	2	$2,400	
Terminal Devices								
Air Handler	95%			2024	$530,100	1	$60,800	
Fan Coil Unit/Heat	5%			2029	* *	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Heat Pump	95%	Now	$200	2025	$3,600	2	$4,800	
Broken, Extent : Moderate, Area Affected : 5%								
Location : 5th Floor								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Ceiling Mounted At Each Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 33 Units								
Ext Pkg Unit - Heating/Cooling	5%			2029	* *	2	$300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2029	* *	1	$64,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REGION 3/ROC C - Q

Asset # : 14267

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	100%	Now	$297,000	2029	* *	2	$83,300	
On Extended Life, Extent : Severe, Area Affected : 5%								
Location : Water Cooling Tower On Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$17,900	LIFE	* *	2-5	$57,700	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Roof Top Units Duct								
Exhaust Fans								
Roof	100%			2029	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Ahu								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2044	* *	1		
Galv Iron/Steel	50%			2037	* *	1		
Water Heater								
Gas Fired	100%			2022	$24,100	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Backflow Preventer								
No Component	95%							
Generic	5%			2024	$500	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Installed On Lawn Water Service Only								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-6								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%	Now	$18,500	2044	* *	1-5	$36,700	
No Backflow Preventer, Extent : Moderate, Area Affected : 5%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REGION 3/ROC C - Q

Asset # : 14267

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2044	* *	1-2	$4,400	
Dry System, Extent : Light, Area Affected : 100%								
Location : Basement And First Floor								
Chemical System								
No Component	90%							
Generic	10%			2019	$2,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Fire Extinguishers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**REGIONAL OPERATIONS CENTER - BK**			
Address	:	**131 LIVINGSTON STREET BTWN: BOREUM PL., SMITH ST.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K802**
Program / Asset #	:	**BOE0660.000 / 335**	**Yr Built/Renovated**	:	**1907 / 2010**
Area Sq Ft	:	**123,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**25-Feb-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5,6**			
Block	:	**154** **Lot** : **1**	**BIN**	:	**3000420**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,353,200	$408,900
Interior Architecture	$1,016,200	$407,500
Electrical	$449,600	$1,765,800
Mechanical	$27,000	$1,724,500
Total	**$2,846,000**	**$4,306,700**
Importance Code A	$1,353,200	$408,900
Importance Code B	$728,200	$3,774,100
Importance Code C	$764,500	$123,700
Total	**$2,846,000**	**$4,306,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$70,700		$17,300	
Interior Architecture	$53,300		$40,700	$16,700
Electrical	$36,300	$900	$1,300	$1,400
Mechanical	$33,700	$23,800	$38,300	$24,400
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$205,800**	**$36,500**	**$109,500**	**$54,400**
Importance Code A	$81,400	$10,800	$28,100	$10,800
Importance Code B	$124,400	$25,800	$81,400	$36,000
Importance Code C				$7,500
Total	**$205,800**	**$36,500**	**$109,500**	**$54,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$346,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%								
Location : South Facade								
Masonry: Brick	80%	Now	$1,069,400	LIFE	* *	5	$177,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Courtyard, West Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Courtyard								
Metal Panel	5%	Now	$23,900	2036	* *	5	$20,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Elevator And Stair Bulkheads								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Elevator And Stair Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Elevator And Stair Bulkheads								
Metal Coiling Doors	5%			2039	* *	5	$34,600	
Windows								
Aluminum	85%			2042	* *	5	$38,500	
Glass Block	10%	Now	$45,200	LIFE	* *	5	$2,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Wood	5%			2042	* *	5	$22,600	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$18,800	
Masonry: Brick	85%			LIFE	* *	5-10	$76,800	
Metal Panel	10%			2052	* *	5	$5,100	
Roof								
Built-Up (BUR)	95%			2034	* *	10	$58,600	
Copper/Terne	5%			2061	* *	10	$7,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	50%			2025	$1,039,900	3	$122,200	
Cast in Place Concrete	15%	Now	$12,700	LIFE	* *	5	$53,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$8,100	
Terrazzo	5%	Now	$37,900	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	15%	Now	$20,800	2031	* *	3	$9,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Vinyl Tile 9" X 9"	10%			2021	$179,500	3	$8,100	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$15,100	
Metal Panel	15%	Now	$124,900	LIFE	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Marble Panels	5%	Now	$240,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	70%	Now	$338,800	LIFE	* *	5	$63,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$120,600	
Ceilings								
AcousTile,Adhered	25%	Now	$37,900	2031	* *	5	$20,400	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	10%			LIFE	* *	5-10	$20,400	
Metal Panel	15%	Now	$122,400	LIFE	* *	5	$30,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Plaster	50%	Now	$53,500	LIFE	* *	5	$50,900	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	20%			2046	* *	5	$100	
Fused Knife Sw	80%	2-4	$195,500	2056	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2026	$137,400	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$19,400	5	$300	
Fused Knife Sw	10%	2-4	$19,400	2051	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2025	$38,900	5	$600	
Molded Case Bkrs	60%			2042	* *	5	$1,900	
Wiring								
Braided Cloth	80%	2-4	$186,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2046	* *	1		
Motor Controllers								
Locally Mounted	85%			2024	$115,400	5	$700	
Locally Mounted	15%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Lighting								
Interior Lighting								
Fluorescent	30%			2031	* *	10	$30,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	68%			2021	$936,200	10	$67,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	2%			2021	$27,500	2	$100	
Egress Lighting								
Emergency, Battery	50%			2021	$73,400	10	$13,100	
Exit, Service	50%			2021	$18,100	1		
Exterior Lighting								
HID	100%			2026	$464,500	10	$400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Camera								
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 1 - 6,000 Gallon And 1 - 4,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$107,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$5,400	
Terminal Devices								
Convector/Radiator	100%			2024	$758,000	1	$35,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2026	$147,800	1	$20,200	
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : 2nd, 4th, 5th & 6th Fl.								
Window/Wall Unit	40%			2021	$89,500	1		
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	40%			2026	$268,200	1	$14,100	
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
REGIONAL OPERATIONS CENTER - BK
Asset # : 335

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Water Cool Tower	40%	Now	$5,000	2024	$100,000	2	$35,100	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$96,100	
Exhaust Fans								
Interior	50%			2026	$33,800	2	$1,700	
Roof	50%			2026	$43,300	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2036	* *	1		
Galv Iron/Steel	10%			2024	$32,500	1		
Water Heater								
Gas Fired	100%			2024	$25,300	2	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 225 Gal								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-6 (1) 1-6								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2036	* *	1-5	$54,900	
Sprinkler								
No Component	75%							
Generic	25%			2026	$317,800	1-2	$7,600	
No Backflow Preventer, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX**
Address : **1180 REVEREND JAMES A POLITE AVE @ HOME ST.**
Borough : **BRONX**
Agency's Number : **X099**
Program / Asset # : **BOE1098.000 / 14449**
Yr Built/Renovated : **1940 / 2009**
Area Sq Ft : **74,742**
Project Type : **EDUCATION**
Date of Survey : **02-Oct-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2692** **Lot** : **14**
BIN : **2005276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$76,300	
Interior Architecture	$279,100	$50,100
Electrical		$72,800
Mechanical		$47,400
Total	**$355,400**	**$170,300**
Importance Code A	$76,300	
Importance Code B	$279,100	$170,300
Total	**$355,400**	**$170,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,800			$4,800
Interior Architecture	$40,000	$22,700	$7,100	$8,200
Electrical	$9,200	$8,000	$8,000	$12,000
Mechanical	$15,600	$29,200	$23,300	$26,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$120,500**	**$63,800**	**$42,400**	**$55,100**
Importance Code A	$58,900	$7,100	$7,100	$11,900
Importance Code B	$61,700	$56,800	$31,200	$43,300
Importance Code C			$4,100	
Total	**$120,500**	**$63,800**	**$42,400**	**$55,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	88%			LIFE	* *	5	$32,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Metal Panel	7%			2035	* *	5-10	$17,600	
Windows								
Aluminum	95%	2-4	$76,300	2041	* *	5	$4,600	2
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wood	5%	Now	$13,400	2050	* *	5	$2,400	
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$6,100	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Cornice	5%	Now	$3,900	2040	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : North End								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : North And South Ends								
Metal: Cage/Fence	10%	4+	$3,000	2030	* *	5	$2,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : North And South Ends								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : North And South Ends								
Roof								
Copper/Terne	5%			2065	* *	10	$7,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	85%	Now	$31,400	2035	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Single Ply Membrane	10%			2035	* *	10	$6,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	$24,700	LIFE	* *	5	$26,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Stair								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2034	* *	5	$5,900	
Quarry Tile	5%			2038	* *	5	$8,900	
Sheet Vinyl/Rubber	5%			2035	* *	5	$8,900	
Traffic Topping	5%			2030	* *	5	$7,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Vinyl Tile	25%			2030	* *	3	$11,100	
Wood	45%	4+	$176,300	2053	* *	5	$50,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$8,300	
Plaster	70%			LIFE	* *	5	$34,700	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2038	* *	5	$29,100	
Exposed Concrete	55%	2-4	$102,800	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	20%	4+	$15,300	LIFE	* *	5	$14,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$200	
Molded Case Bkrs	90%			2047	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$500	
Variable Speed Drives, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$23,000	
Generators								
Diesel	100%			2038	* *	1	$28,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : One 225 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,800	
Fuel Storage								
Main Tank	100%			2060	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 250 Gals								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$72,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Emergency, Battery	5%			2033	* *	10	$1,000	
Exit, Service	45%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$200	
Alarm								
Security System								
Generic	100%			2033	* *	1	$27,900	
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2051	* *	1		
Interruptible Gas/Dual Fuel	80%			2051	* *	1		
Conversion Equipment								
Furnace	20%			2030	* *	1	$7,900	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Roof								
Explanation : 4 Package Units								
Steam Boiler	80%			2038	* *	1	$62,900	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	80%			2035	* *	4	$3,100	
No Component	20%							
Terminal Devices								
Air Handler	20%			2030	* *	1	$9,800	
Convector/Radiator	60%			2030	* *	1	$15,400	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2023	$32,600	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$44,200	
Exhaust Fans								
Interior	60%			2030	* *	2	$1,500	
Roof	40%			2030	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galv Iron/Steel	20%			2023	$47,400	1		
Water Heater								
Gas Fired	100%			2023	$18,500	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$4,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REV. JAMES A. POLITE AVENUE SCHOOL CAMPUS - BX

Asset # : 14449

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$40,000	
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **RICHMOND HILL HIGH SCHOOL - Q**
Address : **89-30 114TH STREET**
Borough : **QUEENS**
Program / Asset # : **BOE0884.000 / 1476**
Area Sq Ft : **210,000**
Date of Survey : **30-Aug-2012**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **9321** **Lot** : **1**

Agency's Number : **Q475**
Yr Built/Renovated : **1929 / 2012**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4195688**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$55,900	$162,100
Interior Architecture	$1,258,000	$449,500
Electrical	$1,650,800	$2,414,500
Mechanical	$1,153,500	$4,593,300
Total	**$4,118,200**	**$7,619,500**
Importance Code A	$55,900	$1,268,500
Importance Code B	$3,977,700	$6,277,400
Importance Code C	$84,600	$73,600
Total	**$4,118,200**	**$7,619,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$11,300		$22,400	
Interior Architecture			$22,700	
Electrical	$4,600	$8,500	$6,800	$7,200
Mechanical	$61,500	$30,300	$69,800	$41,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$82,400**	**$43,800**	**$126,600**	**$53,700**
Importance Code A	$32,100	$20,800	$43,600	$20,800
Importance Code B	$50,300	$23,000	$83,000	$32,900
Importance Code C				
Total	**$82,400**	**$43,800**	**$126,600**	**$53,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	5%			2059	* *	10	$22,400	
Masonry: Brick	85%			LIFE	* *	5	$162,100	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$14,300	
Repairs in Progress, Extent : Light, Area Affected : 25%								
Location : Throughout								
Windows								
Aluminum	30%			2032	* *	5	$22,700	
Aluminum	67%			2046	* *	5	$50,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	3%			2033	* *	10	$14,200	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$32,200	
Masonry: Limestone	5%			LIFE	* *	5	$2,100	
Roof								
Built-Up (BUR)	45%	Now	$55,900	2029	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Fourth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Corridor By Room 448								
Copper/Terne	5%			2052	* *	10	$16,900	
Paver: Asphalt	10%			2033	* *	10	$20,300	
Skylight, Metal/Glass	5%			2034	* *	10	$22,600	
Slate	35%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$160,500	
Ceramic Tile	5%	Now	$56,900	2027	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool And Restrooms At B22								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Pool								
Terrazzo	3%			LIFE	* *	5	$6,900	
Vinyl Tile	42%			2019	$1,047,800	3	$46,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Size Tiles								
Wood	25%			2039	* *	5	$137,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$84,600	2033	* *	5	$7,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Pool And Restrooms At B22								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Pool And Restrooms At B22								
Glass: Single Pane	2%			LIFE	* *	5	$4,600	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	80%			LIFE	* *	5	$73,600	
Ceilings								
AcousTile,Adhered	5%			2029	* *	5	$14,700	
Exposed Concrete	15%			LIFE	* *	5	$6,900	
Plaster	75%			LIFE	* *	5	$137,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Room 448								
Plaster	5%			LIFE	* *	5	$9,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	$84,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Protector Rated @ 3500 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	$488,700	5	$900	
Raceway								
Conduit	95%			2024	$549,100	1		
Conduit	5%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2023	$23,900	5	$200	
Molded Case Bkrs	90%			2023	$430,500	5	$5,000	
Molded Case Bkrs	5%			2040	* *	5	$300	
Wiring								
Braided Cloth	30%	2-4	$233,900	2049	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	65%			2024	$506,800	1		
Thermoplastic	5%			2044	* *	1		
Motor Controllers								
Locally Mounted	95%			2022	$218,700	5	$1,300	
Locally Mounted	5%			2037	* *	5	$100	
Ground								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2029	* *	10	$188,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2024	$23,300	10	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Compact Fluorescent Lamps								
HID	1%			2024	$16,800	10	$100	
Egress Lighting								
Emergency, Battery	40%			2024	$113,300	10	$20,300	
Exit, Service	60%			2024	$34,000	1		
Exterior Lighting								
HID	100%	Now	$793,100	2034	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : C C T V Surveillance System								
Fire/Smoke Detection								
No Component	70%							
Generic	20%	0-2	$435,000	2034	* *	1-3	$23,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Building Hallways								
Explanation : Obsolete Equipment, Bells And Manual Pull Station								
Generic	10%			2032	* *	1-3	$13,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : This New System Is For The Trailers Only								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2024	$517,200	5	$65,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2022	$1,022,300	1	$208,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$293,300	2024	$1,466,300	4	$10,400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Condensate Return Lines								
Steam Traps Faulty, Extent : Severe, Area Affected : 70%								
Location : Various Locations								
Terminal Devices								
Air Handler	20%			2019	$226,500	1	$26,000	
Convector/Radiator	70%			2022	$1,388,500	1	$47,500	
Fan Coil Unit/Heat	10%	Now	$31,400	2019	$314,400	1	$6,100	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2019	$129,500	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$46,800	
No Component	60%							
Exhaust Fans								
Interior	40%			2019	$92,900	2	$2,600	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2034	* *	1		
Galv Iron/Steel	20%			2022	$125,400	1		
HW Heat Exchanger								
Low Temp	100%			2044	* *	4	$20,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : One For Pool, One For Kitchen, One For Building								
Explanation : Three Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2024	$11,100	4	$1,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
RICHMOND HILL HIGH SCHOOL - Q
Asset # : 1476

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Pool Filter/Treatment								
Sand	100%	Now	$97,000	2029	* *	4		
Corroded, Extent : Severe, Area Affected : 60%								
Location : Scupper Lines, Valves, Circulating Lines And Pumps								
Backflow Preventer								
Generic	100%			2024	$20,400	1	$12,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : One Unit Plus Sidewalk Hoist								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2024	$73,600	1-2	$1,800	
Chemical System								
Not Accessible	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **SAMUEL GOMPERS HIGH SCHOOL - BX**
Address : **455 SOUTHERN BLVD. @E. 145 STREET**
Borough : **BRONX**
Agency's Number : **X655**
Program / Asset # : **BOE0335.000 / 326**
Yr Built/Renovated : **1935 / 2008**
Area Sq Ft : **164,000**
Project Type : **EDUCATION**
Date of Survey : **23-Aug-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **2576** **Lot** : **26** **BIN** : **2003883**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$213,200	$162,200
Interior Architecture	$593,300	$967,400
Electrical	$37,000	$1,654,900
Mechanical		$40,000
Total	**$843,500**	**$2,824,500**
Importance Code A	$213,200	$162,200
Importance Code B	$630,300	$2,618,200
Importance Code C		$44,100
Total	**$843,500**	**$2,824,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$16,500	
Interior Architecture	$7,600	$7,600		$7,600
Electrical	$11,000	$31,700	$14,500	$12,000
Mechanical	$69,600	$76,900	$96,700	$46,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$96,000**	**$124,100**	**$135,600**	**$73,700**
Importance Code A	$16,000	$16,300	$32,500	$16,000
Importance Code B	$80,000	$107,700	$103,100	$57,700
Total	**$96,000**	**$124,100**	**$135,600**	**$73,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%			LIFE	* *	5	$82,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$3,400	
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Windows								
Aluminum	85%			2039	* *	5	$33,000	
Wood	15%	Now	$163,400	2048	* *	5	$29,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$5,900	
Masonry: Limestone	25%			LIFE	* *	5	$2,700	
Metal Rail	5%			2036	* *	5-10	$7,700	
Roof								
Built-Up (BUR)	80%			2031	* *	10	$79,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Copper/Terne	20%			2058	* *	10	$49,800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Over Gymnasium								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$26,400	
Ceramic Tile	5%			2026	$234,300	5	$12,100	
Terrazzo	5%			LIFE	* *	5	$9,400	
Vinyl Tile	25%			2023	$514,000	3	$30,200	
Vinyl Tile	25%			2018	$514,000	3	$22,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : 9x9 Tiles								
Wood	35%			2038	* *	5	$158,700	
Interior Walls								
Masonry: Brick	10%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$44,100	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Concrete	25%			LIFE	* *	5	$8,000	
Plaster	75%			LIFE	* *	5	$95,700	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 3000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$700	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2023	$198,000	1		
Panelboards								
Fused Disc Sw	10%			2045	* *	5	$400	
Molded Case Bkrs	20%			2039	* *	5	$900	
Molded Case Bkrs	60%			2031	* *	5	$2,600	
Molded Case Bkrs	10%			2045	* *	5	$400	
Wiring								
Thermoplastic	80%			2033	* *	1		
Thermoplastic	20%			2049	* *	1		
Motor Controllers								
Locally Mounted	50%			2036	* *	5	$600	
Locally Mounted	30%			2040	* *	5	$300	
Motor Control Center	20%			2040	* *	5	$900	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	75%			2023	$1,345,800	10	$111,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-12 Lamps								
Fluorescent	25%			2028	* *	10	$37,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors And Basement								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$19,500	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$18,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside And Hallways								
Explanation : CCTV Surveillance System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	* *	1-3	$101,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$160,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2049	* *	4	$11,900	
Terminal Devices								
Air Handler	50%			2031	* *	1	$50,000	
Convector/Radiator	50%			2040	* *	1	$26,100	
Air Conditioning								
Energy Source								
Electricity	50%			2039	* *	1		
Natural Gas	50%			2049	* *	1		
Conversion Equipment								
Absorption Chiller/Direct Fire	60%			2031	* *	1	$104,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Using Lithium Bromide - Water As A Refrigerant								
Ext Pkg Unit - Cooling	40%			2028	* *	2	$4,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Distribution								
Chilled Wtr Pipe/Pump	60%			2049	* *	4	$7,200	
Recent Installation, Extent : Light, Area Affected : 90%								
Location : Basement A C Room								
Ductwork/Diffusers	40%			LIFE	* *	2	$84,100	
Terminal Devices								
Air Handler/Cool/Ht	90%			2028	* *	1	$89,900	
No Component	10%							
Heat Rejection								
Water Cool Tower	60%			2027	* *	2	$97,500	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$90,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL GOMPERS HIGH SCHOOL - BX
Asset # : 326

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	90%			2028	* *	2	$4,500	
Recent Installation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Roof	10%			2023	$12,800	2	$500	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
Water Heater								
Electric	50%			2018	$12,500	4	$700	
Gas Fired	50%			2018	$18,800	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
No Component	80%							
Generic	20%			2023	$3,100	1	$2,000	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) C,B,1,2,3 (1) C,B - Operating By Chain								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SAMUEL J. TILDEN HIGH SCHOOL -BK**		
Address	: **5800 TILDEN AVE. BTWN: EAST 59 ST., EAST 58 ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K415**
Program / Asset #	: **BOE0624.000 / 686**	**Yr Built/Renovated**	: **1930 / 2003**
Area Sq Ft	: **245,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Nov-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4742** **Lot** : **1**	**BIN**	: **3104598**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$459,200	$154,100
Interior Architecture	$527,900	$533,900
Electrical	$311,900	$2,385,200
Mechanical	$59,800	$2,957,800
Total	**$1,358,800**	**$6,031,000**
Importance Code A	$459,200	$238,200
Importance Code B	$788,900	$5,732,500
Importance Code C	$110,700	$60,400
Total	**$1,358,800**	**$6,031,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$43,900		$17,100	
Interior Architecture	$96,400		$18,100	$27,200
Electrical	$53,000	$19,800	$32,900	$21,400
Mechanical	$118,800	$42,600	$57,300	$50,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$320,000**	**$70,300**	**$133,200**	**$106,800**
Importance Code A	$67,800	$23,900	$41,000	$23,900
Importance Code B	$186,300	$46,400	$92,300	$73,800
Importance Code C	$65,900			$9,100
Total	**$320,000**	**$70,300**	**$133,200**	**$106,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SAMUEL J. TILDEN HIGH SCHOOL -BK

Asset # : 686

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$97,100	
Copper/Terne	5%			2061	* *	10	$14,600	
Masonry: Brick	85%			LIFE	* *	5	$211,200	
Masonry: Limestone	5%	Now	$67,900	LIFE	* *	5	$4,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Steps On East Side								
Windows								
Aluminum	95%			2042	* *	5	$51,600	
Glass Block	5%			LIFE	* *	5	$3,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$22,500	
Masonry: Brick	85%			LIFE	* *	5-10	$92,100	
Metal Security Bars	10%			2041	* *			
Roof								
Built-Up (BUR)	93%	Now	$158,500	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Metal Panel	5%			2039	* *	10	$17,100	
Skylight, Metal/Glass	2%			2046	* *	10	$12,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$316,000	
Ceramic Tile	10%			2035	* *	5	$36,100	
Terrazzo	15%			LIFE	* *	5	$84,700	
Vinyl Tile	40%			2031	* *	3	$54,200	
Wood	15%			2041	* *	5	$101,600	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$18,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$14,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$16,500	
Masonry: Brick	15%			LIFE	* *	10	$16,500	
Marble Panels	5%			LIFE	* *	10	$7,300	
Plaster	55%			LIFE	* *	5-10	$171,100	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$18,300	
Ceilings								
AcousTile,Adhered	25%			2031	* *	5	$76,300	
AcousTileSusp.Lay-In	5%			2031	* *	5	$15,300	
Exposed Concrete	15%			LIFE	* *	5-10	$57,200	
Exposed Struc: Steel	5%			LIFE	* *	10	$30,500	
Plaster	50%			LIFE	* *	5-10	$262,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SAMUEL J. TILDEN HIGH SCHOOL -BK

Asset # : 686

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switches Rated @ 5000 Amperes And 2500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	50%			2046	* *	5	$500	
Fused Disc Sw	50%			2026	$244,400	5	$500	
Raceway								
Conduit	80%			2026	$462,400	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	$23,900	5	$300	
Fused Disc Sw	5%			2042	* *	5	$300	
Molded Case Bkrs	45%			2025	$215,300	5	$2,900	
Molded Case Bkrs	45%			2042	* *	5	$2,900	
Wiring								
Braided Cloth	40%	2-4	$311,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	60%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2024	$115,100	5	$800	
Locally Mounted	50%			2031	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$75,400	
Generators								
Diesel	100%			2029	* *	1	$94,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 175 Kw								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$54,600	
Fuel Storage								
Day Tank	50%			2034	* *	5	$22,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gallon Tank								
Main Tank	50%			2041	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Tank								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$212,500	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2031	* *	10	$4,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
HID	2%			2026	$38,500	10	$200	
Egress Lighting								
Emergency, Service	50%			2026	$59,400	1		
Exit, Service	50%			2026	$32,600	1		
Exterior Lighting								
HID	100%			2021	$925,300	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$27,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors,Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Vault								
Explanation : Two 15,000 Gallon Tanks #2 Fuel Oil 4 - Steam Boiler								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$239,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SAMUEL J. TILDEN HIGH SCHOOL -BK

Asset # : 686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$33,700	2046	* *	4	$11,900	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Piping Near Pool Filter, Vacuum Condensate Pumps And Near Hw Heat Exchanger								
Terminal Devices								
Air Handler	10%	Now	$2,600	2026	$130,100	1	$13,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Coil Leaks, Auditorium Air Handler								
Convector/Radiator	40%			2031	* *	1	$31,200	
Fan Coil Unit/Heat	50%			2021	$1,806,700	1	$39,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%	Now	$5,600	2026	$55,700	2	$600	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Lower Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Ext Pkg Unit - Heating/Cooling	5%			2026	$79,600	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : 1 Unit, Roof								
Window/Wall Unit	50%	Now	$12,400	2021	$248,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Areas								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$213,100	
Exhaust Fans								
Interior	95%			2026	$253,400	2	$7,000	
Roof	5%			2026	$9,600	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	* *	1		
Galv Iron/Steel	20%			2024	$144,100	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
SAMUEL J. TILDEN HIGH SCHOOL -BK
Asset # : 686

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	30%			2024	$11,200	4	$400	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Basement Next To Pool								
Explanation : 1 Unit								
Gas Fired	70%			2025	$39,300	2	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room And Pool Filter Room								
Explanation : 2 Units. 1,000 Gal Tank Serving Locker Rooms Only / Gas Fired Back Up In Boiler Room For Seasonal Use								
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$23,900	
Sanitary Piping								
Cast Iron	100%	Now	$10,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Water Backs Up At 59th St. Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Pool Filter Room								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pool Filter Room								
Explanation : 3 Old Discontinued Units Remain								
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B- 3; (1) B-1								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$140,900	1-2	$3,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)**		
Address	: **49 FLATBUSH AVE. EXT. BTWN: CONCORD ST., CHAPEL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K805**
Program / Asset #	: **BOE0663.000 / 336**	**Yr Built/Renovated**	: **1921 / 2014**
Area Sq Ft	: **173,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,5,8**		
Block	: **2106** **Lot** : **9**	**BIN**	: **3059161**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,857,700	$1,682,900
Interior Architecture	$650,500	$310,300
Electrical	$146,100	$1,031,100
Mechanical	$95,300	$2,002,000
Total	**$2,749,600**	**$5,026,200**
Importance Code A	$1,857,700	$1,682,900
Importance Code B	$513,300	$3,190,600
Importance Code C	$378,600	$152,700
Total	**$2,749,600**	**$5,026,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$65,400		$900	
Interior Architecture	$82,700		$31,400	$22,900
Electrical	$26,800	$14,000	$16,900	$15,900
Mechanical	$39,400	$38,400	$43,500	$31,200
Elevators/Escalators	$23,700	$23,700	$23,700	$23,700
Total	**$238,000**	**$76,000**	**$116,400**	**$93,600**
Importance Code A	$78,700	$13,300	$14,200	$13,300
Importance Code B	$131,100	$62,800	$102,200	$65,500
Importance Code C	$28,200			$14,800
Total	**$238,000**	**$76,000**	**$116,400**	**$93,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)

Asset # : 336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	88%	Now	$1,628,400	LIFE	* *	5	$1,443,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	1%			LIFE	* *	5	$6,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	1%	Now	$4,700	2046	* *	5	$6,200	1
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Stucco Cement	10%	Now	$95,000	2039	* *	5	$41,000	
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	10%	Now	$27,700	2042	* *	5	$3,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Cafeteria								
Aluminum	90%			2042	* *	5	$59,500	
Parapets								
Cast in Place Concrete	90%			LIFE	* *	5	$268,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2046	* *	5	$2,800	
Stucco Cement	5%			2039	* *	5	$1,900	
Roof								
Built-Up (BUR)	95%			2036	* *	10	$64,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Skylight, Plastic	5%			2046	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$200,500	
Ceramic Tile	3%			2035	* *	5	$6,900	
Panel/Paver: Cer/Brk	2%			2034	* *	5	$10,300	
Vinyl Tile	54%			2031	* *	3	$46,400	
Vinyl Tile	15%	Now	$29,200	2031	* *	3	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile 9" X 9"	1%	Now	$25,200	2036	* *	3	$900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	5%			2054	* *	5	$21,500	

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)

Asset # : 336

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%	Now	$40,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	7%			2035	* *	5	$29,700	
Gypsum Board	60%			LIFE	* *	5-10	$432,700	
Masonry: Brick	3%	Now	$24,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Marble Panels	2%			LIFE	* *	10	$3,400	
Plaster	25%			LIFE	* *	5-10	$90,100	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$46,300	2039	* *	5	$57,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	50%			LIFE	* *	5-10	$143,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$700	
Raceway								
Conduit	50%			2036	* *	1		
Conduit	50%			2026	$157,600	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$400	
Molded Case Bkrs	20%			2025	$44,800	5	$900	
Molded Case Bkrs	70%			2034	* *	5	$3,200	
Wiring								
Braided Cloth	30%	2-4	$146,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Upper Floors								
Thermoplastic	70%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)

Asset # : 336

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$53,200	
Generators								
Diesel	100%			2035	* *	1	$67,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Generator Rated @ 360 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$6,400	
Fuel Storage								
Day Tank	50%			2042	* *	5	$14,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 250 Gallons Capacity								
Main Tank	50%			2054	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$134,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout the building								
Explanation : T-8 Lamps								
Fluorescent	2%			2034	* *	10	$2,800	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
LED	2%			2034	* *			
Egress Lighting								
Emergency, Service	50%			2026	$37,700	1		
Exit, Service	50%			2026	$25,500	1		
Exterior Lighting								
HID	100%			2026	$653,400	10	$500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$19,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, Horns And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)
Asset # : 336

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2046	* *	1		
Interruptible Gas/Dual Fuel	75%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement Vault								
Explanation : 1 - 10,000 Gallon Tank								
Conversion Equipment								
Furnace	25%			2031	* *	1	$18,900	
Other Observation, Extent : Light, Area Affected : 25%								
Location : Roof								
Explanation : 4 - Gas Fired Roof Top Package Units								
Steam Boiler	75%			2039	* *	1	$113,700	
Other Observation, Extent : Light, Area Affected : 75%								
Location : Basement								
Explanation : 3 - Steam Boilers								
Distribution								
Steam Piping/Pump	75%			2026	$590,200	4	$8,500	
No Component	25%							
Terminal Devices								
Convector/Radiator	55%			2024	$586,300	1	$27,200	
Fan Coil Unit/Heat	25%	Now	$57,300	2026	$573,100	1	$11,100	
Noisy/Vibrating, Extent : Moderate, Area Affected : 10%								
Location : Variious								
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	25%			2031	* *	2	$2,300	
R-134a Refrigerant, Extent : Light, Area Affected : 25%								
Location : 4 Units, Roof								
Window/Wall Unit	35%			2021	$110,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$135,200	
Exhaust Fans								
Interior	25%			2026	$23,700	2	$1,200	
Roof	75%			2031	* *	2	$3,500	
Plumbing								
H/C Water Piping								
Brass/Copper	85%			2036	* *	1		
Galv Iron/Steel	15%			2024	$68,600	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SCIENCE SKILLS CENTER H.S. (BROOKLYN AREA OFFICE - BK)

Asset # : 336

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	$35,600	2	$2,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2034	* *	1	$9,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) 1-8 (1) B-8								
Explanation : 3 Units,								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$77,200	
Sprinkler								
Generic	100%			2046	* *	1-2	$42,900	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SEWARD PARK HIGH SCHOOL - M**		
Address	: **350 GRAND ST. BTWN: ESSEX ST., LUDLOW ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M445**
Program / Asset #	: **BOE0124.000 / 2769**	**Yr Built/Renovated**	: **1930 / 2014**
Area Sq Ft	: **236,632**	**Project Type**	: **EDUCATION**
Date of Survey	: **26-May-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,4,5,6**		
Block	: **408** **Lot** : **30**	**BIN**	: **1005283**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$538,900	$461,800
Interior Architecture	$1,312,500	$607,200
Electrical	$1,320,100	$1,820,100
Mechanical	$520,800	$560,700
Total	**$3,692,200**	**$3,449,700**
Importance Code A	$538,900	$545,900
Importance Code B	$2,823,900	$2,815,800
Importance Code C	$329,500	$88,100
Total	**$3,692,200**	**$3,449,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$78,700		$4,500	
Interior Architecture	$74,100	$14,200	$19,600	$18,600
Electrical	$40,400	$2,700	$5,900	$2,700
Mechanical	$41,200	$14,400	$57,600	$30,100
Elevators/Escalators	$17,800	$17,800	$17,800	$17,800
Total	**$252,200**	**$49,000**	**$105,300**	**$69,100**
Importance Code A	$88,900		$4,500	$2,100
Importance Code B	$140,400	$49,000	$90,100	$67,000
Importance Code C	$22,900		$10,800	
Total	**$252,200**	**$49,000**	**$105,300**	**$69,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Cast Stone/Terra Cotta	5%			LIFE	* *		5	$234,100	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : All Facades									
Masonry: Brick	53%			LIFE	* *		5	$317,700	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : All Facades									
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%									
Location : All Facades									
Masonry: Granite	30%			LIFE	* *		5	$134,900	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : All Facades									
Masonry: Granite	2%			LIFE	* *		5	$9,000	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : All Facades									
Masonry: Limestone	10%			LIFE	* *		5	$45,000	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : All Facades									
Windows									
Aluminum	100%			2051	* *		5	$114,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Parapets									
Masonry: Brick	70%			LIFE	* *		5-10	$94,400	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : Throughout									
Sidewalk Shed Below, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Masonry: Limestone	15%			LIFE	* *		5-10	$36,100	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : Throughout									
Metal: Cage/Fence	5%			2039	* *		5-10	$7,600	
Pre-Cast Concrete	10%			LIFE	* *		5	$24,800	
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : Throughout									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	18%			2031	* *	10	$22,500	
Built-Up (BUR)	2%	Now	$11,400	2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Upper Roof Above 6th Floor								
Explanation : Roof Is A Ballasted Roof . Portable Sump Pump Has Been Added To Pump From Clogged Drain To Open Roof Drain								
Copper/Terne	3%			2054	* *	10	$9,400	
Exposed Struc: Steel	13%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Exposed Steel Lattice Structure								
IRMA/Protected Membrane	5%			2031	* *	10	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Pool								
Explanation : Lower Roof								
Paver: Asphalt	59%			2029	* *	10	$110,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Repairs In Progress								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$387,400	
Ceramic Tile	8%			2035	* *	5	$28,300	
Cork Tile	2%	Now	$176,400	2056	* *	5	$3,100	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Library								
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Library								
Mosaic Tile	3%			2031	* *	5	$26,600	
Terrazzo	5%			LIFE	* *	5	$27,700	
Vinyl Tile	20%			2031	* *	3	$26,600	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 5th Floor Corridors And Cafeteria								
Vinyl Tile 9" X 9"	10%	Now	$195,100	2034	* *	3	$13,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Auditorium								
Wood	22%			2041	* *	5	$146,100	
Wood	5%	4+	$116,800	2054	* *	5	$16,600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Weight Lifting Room 6th Floor By Water Fountain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	3%	Now	$81,900	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Filter Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Filter Room And At Water Main								
Ceramic Tile	5%			2029	* *	5	$21,600	
Broken/Missing Elements, Extent : Light, Area Affected : 3%								
Location : Kitchen								
Masonry: Brick	15%			LIFE	* *	10	$19,400	
Metal: Cage/Fence	4%			LIFE	* *	10	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairwells								
Explanation : Dividers								
Marble Panels	5%	Now	$86,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Vestibule								
Plaster	65%			LIFE	* *	5-10	$238,500	
Plaster	3%			LIFE	* *	5-10	$11,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : Murals								
Ceilings								
AcousTile,Adhered	5%	Now	$32,900	2031	* *	5	$8,900	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : 6th Floor Weight Room Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 6th Floor Weight Room Gymnasium								
AcousTileSusp.Lay-In	8%			2043	* *	5	$28,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 5th Floor Cafeteria								
Exposed Concrete	5%	Now	$57,000	LIFE	* *	5	$2,800	
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Filter Room								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Filter Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Mechanical Room On 6th Floor								
Metal Panel	1%			LIFE	* *	5	$8,900	
Plaster	45%	Now	$104,600	LIFE	* *	5	$99,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : 4th Floor, 5th Floor, Stair(s)								
Plaster	36%			LIFE	* *	5-10	$219,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Auditorium And Library								
Explanation : Crown Moulding								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	70%			2026	$58,800	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 5000 Amp & One 3500 Amp Main Disconnect Switch								
Fused Knife Sw	30%			2026	$25,200	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amp Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$391,000	5	$800	
Fused Disc Sw	20%			2046	* *	5	$200	
Raceway								
Conduit	95%			2026	$549,100	1		
Conduit	5%			2046	* *	1		
Panelboards								
Molded Case Bkrs	85%			2034	* *	5	$5,300	
Molded Case Bkrs	15%			2042	* *	5	$900	
Wiring								
Braided Cloth	75%	2-4	$584,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Thermoplastic	5%			2046	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$161,200	5	$1,100	
Locally Mounted	25%			2046	* *	5	$400	
Variable Frequency Drive	5%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,000	
Lighting								

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	15%			2034	* *	10	$32,600	
T-5 Lamps, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2021	$131,400	10	$10,900	
Compact Fluorescent Light, Extent : Light, Area Affected : 2%								
Location : Lobby & Auditorium								
Fluorescent	75%			2031	* *	10	$162,800	
T-8 Lamps, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
HID	1%			2034	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Area								
Explanation : H. I. D. Lights Located In Pool Area								
Incandescent	3%			2021	$78,900	2	$200	
LED	1%			2034	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : L E D Lights In Auditorium Chandelier								
Egress Lighting								
Emergency, Battery	10%			2034	* *	10	$5,700	
Emergency, Battery	40%			2021	$127,700	10	$22,800	
Exit, Service	5%			2034	* *	1		
Exit, Service	45%			2021	$28,700	1		
Exterior Lighting								
HID	15%			2021	$134,100	10	$100	
No Component	85%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V And Intrusion Alarm System								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	2-4	$735,300	2036	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, Corridors								
Explanation : Obsolete Fire Alarm Main Panel, Manual Pull Station And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Steam Room								
Explanation : Steam From Con Ed								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	70%	Now	$10,300	2035	* *	5	$4,900	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Insulation Missing Or Damaged								
Pres. Reducing Valve/LP Steam	30%			2035	* *	5	$4,200	
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$11,700	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Traps And Piping								
Terminal Devices								
Air Handler	30%			2034	* *	1	$43,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms Throughout								
Convector/Radiator	70%			2031	* *	1	$53,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	2%			2021	$21,800			
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof, Serves Rooms 318 And 418								
Window/Wall Unit	95%			2019	$462,100	1		
No Component	3%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$208,900	
Exhaust Fans								
Interior	95%			2034	* *	2	$6,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Mechanical Rooms Throughout								
Roof	5%			2026	$9,400	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Elevator Machine Roof Fans								
Plumbing								

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2026	$494,700	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 10%								
Location : Duplex Pumps In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Water Entry Points								
Galv Iron/Steel	30%			2031	* *	1		
Water Heater								
Electric	5%			2021	$1,800	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 30 Gallon Unit Serves Kitchen								
No Component	95%							
HW Heat Exchanger								
Low Temp	90%			2052	* *	4	$21,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Recent Replacement, Serves Bathrooms								
Low Temp	10%			2026	$7,300	4	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Explanation : Grease Trap Removed, Left In Storage Room								
Storm Drain Piping								
Cast Iron	98%			LIFE	* *	1		
Cast Iron	2%	0-2	$2,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Upper Roof								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Single Pump Units								
Pool Filter/Treatment								
Sand	100%			2043	* *	4	$58,600	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : All Old Units Abandoned In Place In Basement								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	

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DEPARTMENT OF EDUCATION - 040
SEWARD PARK HIGH SCHOOL - M
Asset # : 2769

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : 1st Floor								
Explanation : Drinking Fountain Bowl Cracked								
Vertical Transport								
Elevators								
Gearless Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) 1 - 5 & (1) B - 5								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$3,300	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **SHEEPSHEAD BAY HIGH SCHOOL - BK**
Address : **3000 AVENUE X @ BATCHELDER ST.**
Borough : **BROOKLYN**
Agency's Number : **K495**
Program / Asset # : **BOE0640.000 / 2817**
Yr Built/Renovated : **1959 / 2003**
Area Sq Ft : **300,000**
Project Type : **EDUCATION**
Date of Survey : **26-Sep-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **7425** **Lot** : **2**
BIN : **3203631**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$393,800	$2,502,500
Interior Architecture	$2,187,100	$1,174,800
Electrical	$467,800	$7,676,000
Mechanical	$249,400	$955,700
Total	**$3,298,100**	**$12,309,000**
Importance Code A	$393,800	$2,586,500
Importance Code B	$2,856,300	$9,592,100
Importance Code C	$48,000	$130,300
Total	**$3,298,100**	**$12,309,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$45,200			$36,300
Electrical	$11,300	$7,100	$10,500	$7,800
Mechanical	$41,800	$17,500	$44,500	$17,500
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$110,200**	**$36,400**	**$66,800**	**$73,500**
Importance Code A		$600		
Importance Code B	$110,200	$35,800	$66,800	$73,500
Importance Code C				
Total	**$110,200**	**$36,400**	**$66,800**	**$73,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$56,600	
Masonry: Brick	60%			LIFE	* *	5	$135,900	
Metal/Glass Curt Wall	35%			LIFE	* *	5	$148,600	
Windows								
Aluminum	100%	Now	$119,700	2045	* *	5	$14,300	
Hardware Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	40%	Now	$77,900	LIFE	* *	5	$6,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Rail	60%			2028	* *	5-10	$182,700	
Roof								
IRMA/Protected Membrane	68%			2023	$1,856,800	10	$232,900	
IRMA/Protected Membrane	25%	2-4	$85,300	2028	* *			
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	5%			2036	* *	10	$31,400	
Skylight, Metal/Glass	2%			2043	* *	10	$22,800	
Interior								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$105,800	
Ceramic Tile	5%			2032	* *	5	$24,200	
Quarry Tile	5%			2036	* *	5	$36,300	
Terrazzo	5%	0-2	$56,200	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%			2023	$822,600	3	$48,400	
Vinyl Tile	20%	Now	$822,600	2033	* *	3	$36,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Auditorium, Corridor(s)								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : Auditorium, Corridor(s)								
Vinyl Tile	20%	Now	$82,300	2018	$822,600	3	$36,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Basement, Second And Third Floors - 9x9 Tiles								
Wood	5%	Now	$239,300	2038	* *	5	$22,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Weight Room, Gymnastics Gym								
Wood	10%			2038	* *	5	$90,700	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	$32,900	
Masonry: Brick	5%			LIFE	* *			
Operable Wall	5%			2043	* *	5	$96,000	
Plaster	50%			LIFE	* *	5	$82,300	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	10%	Now	$21,000	2028	* *	5	$22,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	25%			2028	* *	5	$141,300	
Embossed Metal	5%			LIFE	* *	5	$10,200	
Exposed Concrete	45%			LIFE	* *	5	$31,800	
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%			LIFE	* *	5	$28,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$84,000	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Disconnect Switch Rated At 1200 Amps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2049	* *	5	$7,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Raceway								
Conduit	90%			2023	$520,200	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5	$300	
Fused Disc Sw	10%			2022	$47,800	5	$700	
Molded Case Bkrs	80%			2022	$382,700	5	$6,300	
Molded Case Bkrs	5%			2039	* *	5	$400	
Wiring								
Braided Cloth	60%	2-4	$467,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$233,900	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	75%			2021	$172,700	5	$1,500	
Locally Mounted	25%			2028	* *	5	$500	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Water Main								
Explanation : Painted								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	$3,590,000	10	$296,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	50%			2023	$43,600	1		
Exit, Battery	50%			2023	$148,700	10	$10,900	
Exterior Lighting								
HID	100%			2023	$1,133,000	10	$900	
Alarm								
Security System								
No Component	90%							
Generic	10%			2023	$90,800	1	$11,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$932,200	1-3	$57,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	$100,100	
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Steam Boilers								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$23,900	
Terminal Devices								
Air Handler	40%			2023	$697,100	1	$79,900	
Convector/Radiator	50%			2036	* *	1	$52,200	
Fan Coil Unit/Heat	10%			2028	* *	1	$10,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$199,300	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$180,200	
Exhaust Fans								
Interior	50%			2028	* *	2	$4,900	
Roof	50%			2023	$128,500	2	$4,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$47,900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$31,300	1	$19,800	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHEEPSHEAD BAY HIGH SCHOOL - BK
Asset # : 2817

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : B-3								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$4,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **SHIRLEY CHISHOLM CAMPUS - BK**
Address : **965 EAST 107TH STREET BTWN: FLATLANDS AVE. - AVENUE J**
Borough : **BROOKLYN** | **Agency's Number** : **K366**
Program / Asset # : **BOE1090.000 / 14441** | **Yr Built/Renovated** : **2009 /**
Area Sq Ft : **56,255** | **Project Type** : **EDUCATION**
Date of Survey : **01-May-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,ph**
Block : **8215** **Lot** : **12** **BIN** : **3230691**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$91,900	$91,900
Interior Architecture	$120,100	$65,500
Electrical		$51,600
Total	**$212,000**	**$209,000**
Importance Code A	$91,900	$91,900
Importance Code B		$51,600
Importance Code C	$120,100	$65,500
Total	**$212,000**	**$209,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$45,000	$20,700		
Interior Architecture	$69,200	$45,400	$22,600	
Electrical	$6,700	$5,500	$4,500	$4,500
Mechanical	$24,800	$6,200	$11,700	$6,200
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$153,600**	**$85,600**	**$46,700**	**$18,600**
Importance Code A	$48,200	$23,200	$3,000	$2,500
Importance Code B	$77,600	$52,000	$31,100	$16,100
Importance Code C	$27,700	$10,500	$12,600	
Total	**$153,600**	**$85,600**	**$46,700**	**$18,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Architecture / System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%			LIFE	* *	5	$183,700	
Pre-Cast Concrete	3%			LIFE	* *	5	$18,900	
Window Wall	2%			2052	* *	5	$7,300	
Windows								
Aluminum	100%			2048	* *	5	$21,600	
Parapets								
Cast in Place Concrete	30%			LIFE	* *	5	$34,500	
Masonry: Brick Cavity	40%			LIFE	* *	5-10	$15,200	
Metal Rail	25%			2043	* *	5-10	$25,100	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Over Main Roof* *Explanation : This Component Is Actually Metal Cage Enclosure*								
Pre-Cast Concrete	5%			LIFE	* *	5	$3,500	
Roof								
Copper/Terne	5%			2061	* *	10	$5,400	
IRMA/Protected Membrane	45%			2034	* *	10	$19,300	
IRMA/Protected Membrane	30%			2034	* *	10	$12,900	
Paver Block Ballast, Extent : Moderate, Area Affected : 100% *Location : Roof Enclosed By Metal Structure*								
Modified Bitumen	20%			2034	* *	10	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100% *Location : Roof Over Kitchen* *Explanation : Covered With Rubber Pads*								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$36,800	
Ceramic Tile	5%			2039	* *	5	$4,200	
Terrazzo	5%			LIFE	* *	5	$6,600	
Vinyl Tile	75%			2034	* *	3	$23,700	
Wood	5%			2061	* *	5	$7,900	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$21,000	
Ceramic Tile	15%			2039	* *	5	$25,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$13,400	
Folding Partition	5%			2048	* *	5	$21,000	
Gypsum Board	65%			LIFE	* *	5-10	$185,600	
Ceilings								
AcousTileSusp.Lay-In	83%			2043	* *	5	$69,900	
Exposed Struc: Steel	5%			LIFE	* *	10	$8,400	
Fiber Board	5%			2034	* *			
Gypsum Board	5%			LIFE	* *	5-10	$14,500	
Metal Panel	2%			LIFE	* *	5	$4,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 2000 Amperes And 1200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$200	
Molded Case Bkrs	85%			2048	* *	5	$1,300	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$17,300	
Generators								
Diesel	100%			2039	* *	1	$21,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated @ 240kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$2,100	
Fuel Storage								
Main Tank	100%			2061	* *	5	$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2034	* *	10	$50,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2034	* *	10	$1,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$200	

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$1,700	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$6,300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Hallways And Outside							
	Explanation : Cctv Surveillance Cameras							
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : Smoke Detector, Strobe Lights, Manual Pull Stations, Alarm Bells And Horns							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2052	* *	1		
Natural Gas	90%			2046	* *	1		
Conversion Equipment								
Furnace	90%			2031	* *	1	$25,000	
	Other Observation, Extent : Light, Area Affected : 90%							
	Location : Roof							
	Explanation : 5 - Gas Fired Roof Top Packaged Units							
Radiant Heater	10%			2031	* *	2	$2,600	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Stairwells And Vestibules							
	Explanation : 10 Electrical Units							
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	$3,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : 5 Package Units. R-410a Refrigerant							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$49,700	
Exhaust Fans								
Roof	100%			2031	* *	2	$1,700	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SHIRLEY CHISHOLM CAMPUS - BK
Asset # : 14441

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2024	$13,100	2	$800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Thru 4th Fl, Roof								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$15,800	
Fire Pump								
Generic	100%			2035	* *	1	$10,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SKILLMAN H.S. - Q**		
Address	: **24-30 SKILLMAN AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **LEASE-Q667**
Program / Asset #	: **BOE1084.000 / 14430**	**Yr Built/Renovated**	:
Area Sq Ft	: **45,804**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Nov-2013**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **100** **Lot** : **1**	**BIN**	: **4000744**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$379,400	$142,900
Interior Architecture		$61,200
Electrical		$42,000
Total	**$379,400**	**$246,000**
Importance Code A	$379,400	$142,900
Importance Code B		$42,000
Importance Code C		$61,200
Total	**$379,400**	**$246,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	$9,800	$37,300	$2,800	$2,100
Electrical	$4,300	$3,700	$3,700	$6,700
Mechanical	$13,300	$9,200	$12,500	$13,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$31,300**	**$54,100**	**$22,900**	**$26,400**
Importance Code A	$2,000	$2,500	$2,000	$2,500
Importance Code B	$23,000	$51,600	$18,100	$23,900
Importance Code C	$6,300		$2,800	
Total	**$31,300**	**$54,100**	**$22,900**	**$26,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	$193,500	LIFE	* *	5	$64,100	
Efflorescence, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Explanation : Small Vertical Cracks In Brick Walls								
Masonry: Brick	5%	0-2	$5,100	LIFE	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Stairways A & B								
Explanation : Brick Walls Appear To Be Holding Moisture And Wicking To The Inside								
Windows								
Aluminum	100%			2041	* *	5	$5,700	
Parapets								
Metal Rail	100%			2038	* *	5-10	$191,800	
Roof								
IRMA/Protected Membrane	100%			2030	* *	10	$64,300	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$7,500	
Quarry Tile	5%			2038	* *	5	$5,100	
Traffic Topping	5%			2030	* *	5	$4,300	
Vinyl Tile	85%			2030	* *	3	$21,900	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$5,700	
Concrete Masonry Unit	5%	Now	$6,300	LIFE	* *	5	$2,300	
Diagonal Cracks, Extent : Light, Area Affected : 100%								
Location : Wall In Stairway B								
Gypsum Board	90%			LIFE	* *	5	$61,200	
Ceilings								
AcousTileSusp.Lay-In	80%			2038	* *	5	$54,800	
Exposed Concrete	5%			LIFE	* *	5	$500	
Gypsum Board	10%	Now	$3,500	LIFE	* *	5	$8,600	
Loose/Delam Surface, Extent : Light, Area Affected : 2%								
Location : Stairway A & B								
Metal Panel	5%			LIFE	* *	5	$4,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2051	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	20%			2042	* *	5	$100	
Variable Frequency Drive	80%			2042	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$14,100	
Generators								
Diesel	100%			2038	* *	1	$17,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 135 Kw/ 169 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$1,700	
Fuel Storage								
Main Tank	100%			2060	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 280 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	$42,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	60%			2033	* *	1		
Exit, LED	15%			2060	* *	1		
Exit, Service	25%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$5,100	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2045	* *	1		
Natural Gas	90%			2045	* *	1		
Conversion Equipment								
Furnace	90%			2030	* *	1	$20,400	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 5 Gas Fired Heating / Cooling Units On Roof								
Radiant Heater	10%			2030	* *	2	$2,100	
Terminal Devices								
Fan Coil Unit/Heat	10%			2030	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Electric Unit Heaters In Stairwells And Other Locations								
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Roof Top Package Units								
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SKILLMAN H.S. - Q

Asset # : 14430

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,500	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$10,700	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Equipment Room								
Explanation : Indirect Fired, 175 Gallon Storage								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 - 2								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$12,800	
Fire Pump								
Generic	100%			2034	* *	1	$8,600	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SOUTH BRONX EDUCATIONAL CAMPUS - BX**		
Address	: **701 ST. ANN'S AVE. BTWN: E.156 ST. - RAE ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X470**
Program / Asset #	: **BOE0331.000 / 349**	**Yr Built/Renovated**	: **1921 / 2004**
Area Sq Ft	: **100,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **23-Aug-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **2359** **Lot** : **240**	**BIN**	: **2001153**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$53,800	$165,000
Interior Architecture	$801,600	$320,400
Electrical	$556,500	$1,773,400
Mechanical	$196,500	$859,400
Total	**$1,608,400**	**$3,118,300**
Importance Code A	$53,800	$192,800
Importance Code B	$1,554,600	$2,786,300
Importance Code C		$139,200
Total	**$1,608,400**	**$3,118,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$8,300	$17,000	
Interior Architecture		$19,800	$2,900	$11,800
Electrical	$4,200	$21,200	$2,900	$3,400
Mechanical	$13,100	$12,200	$22,200	$13,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$27,100**	**$71,400**	**$54,900**	**$38,000**
Importance Code A	$8,900	$17,400	$25,900	$8,900
Importance Code B	$18,200	$53,900	$29,000	$29,100
Importance Code C				
Total	**$27,100**	**$71,400**	**$54,900**	**$38,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 349

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$33,300	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$52,000	
Masonry: Brick	65%			LIFE	* *	5	$86,500	
Masonry: Brick	20%			LIFE	* *	5	$26,600	
Stucco Cement	5%			2028	* *	5	$16,600	
Windows								
Aluminum	100%			2039	* *	5	$34,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$2,400	
Masonry: Brick	80%			LIFE	* *	5	$5,000	
Masonry: Limestone	3%			LIFE	* *	5	$200	
Metal Security Bars	10%			2038	* *			
Pre-Cast Concrete	2%			LIFE	* *	5	$800	
Roof								
Built-Up (BUR)	95%			2028	* *	10	$53,800	
Copper/Terne	5%			2051	* *	10	$7,100	
Interior								
Floors								
Ceramic Tile	3%			2026	$78,300	5	$4,000	
Terrazzo	5%			LIFE	* *	5	$5,300	
Vinyl Tile	70%	Now	$801,600	2033	* *	3	$35,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Throughout Worn/Eroded, Extent : Moderate, Area Affected : 65% Location : Throughout,Corridors,Classrooms,Cafeteria								
Vinyl Tile	17%			2028	* *	3	$8,600	
Wood	5%			2038	* *	5	$12,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2026	$139,200	5	$5,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,700	
Glazed Ceramic Panel	2%			LIFE	* *			
Masonry: Brick	8%			LIFE	* *			
Marble Panels	2%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$25,200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2028	* *	5	$26,900	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$44,000			
Plaster	70%			LIFE	* *	5	$58,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Emergency Service Switch Rated @ 400 Amperes								
Fused Disc Sw	75%			2023	$27,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches No Ratings Available								
Switchgear / Switchboard								
Fused Disc Sw	70%			2043	* *	5	$300	
Molded Case Bkrs	30%			2023	$51,300	5	$800	
Raceway								
Conduit	90%			2023	$155,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Molded Case Bkrs	60%			2022	$107,600	5	$1,600	
Molded Case Bkrs	30%			2031	* *	5	$800	
Molded Case Bkrs	10%			2039	* *	5	$300	
Wiring								
Braided Cloth	70%	2-4	$178,900	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	50%			2028	* *	5	$300	
Locally Mounted	25%			2021	$18,900	5	$200	
Locally Mounted	25%			2036	* *	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2023	$979,500	10	$80,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	1%			2018	$7,200	10		
Incandescent	1%			2018	$10,000	2		
Egress Lighting								
Exit, Service	50%			2023	$12,100	1		
Exit, Battery	50%			2023	$41,400	10	$3,000	
Exterior Lighting								
HID	100%			2018	$377,700	10	$300	
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 349

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$11,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$310,700	1-3	$19,100	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$89,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$4,400	
Terminal Devices								
Air Handler	10%			2018	$48,500	1	$5,600	
Convector/Radiator	90%			2021	$764,900	1	$26,200	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2018	$148,000	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$50,200	
Exhaust Fans								
Interior	95%			2023	$94,500	2	$2,600	
Roof	5%			2023	$3,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	25%			2049	* *	1		
Galv Iron/Steel	75%			2028	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 349

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2021	$20,900	2	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit, 225 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : 1-5								
Explanation : 1 Unit								
Hydraulic	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : B-1								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SOUTH BRONX EDUCATIONAL CAMPUS - BX**		
Address	: **750 CONCOURSE VILLAGE WE BTWN: EAST 156 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **X156**
Program / Asset #	: **BOE0293.000 / 388**	**Yr Built/Renovated**	: **1972 / 2008**
Area Sq Ft	: **95,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **24-Feb-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2443** **Lot** : **79**	**BIN**	: **2002454**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$373,500	$525,800
Interior Architecture	$158,700	$2,013,000
Electrical	$61,200	$1,566,400
Mechanical		$787,500
Total	**$593,300**	**$4,892,800**
Importance Code A	$373,500	$976,000
Importance Code B	$179,100	$3,916,800
Importance Code C	$40,700	
Total	**$593,300**	**$4,892,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,400	$9,100	$21,900	
Interior Architecture	$98,700			$17,800
Electrical	$13,400		$500	$1,100
Mechanical	$36,200	$13,800	$11,600	$13,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$160,600**	**$26,800**	**$37,900**	**$36,600**
Importance Code A	$8,400	$18,200	$21,900	$9,100
Importance Code B	$107,300	$8,600	$16,000	$27,500
Importance Code C	$44,900			
Total	**$160,600**	**$26,800**	**$37,900**	**$36,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%	Now	$274,100	LIFE	* *	5	$73,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window Openings								
Metal Panel	10%			2046	* *	5-10	$55,800	
Windows								
Aluminum	100%			2048	* *	5	$18,200	
Parapets								
Masonry: Brick Cavity	75%			LIFE	* *	5-10	$68,200	
Metal Rail	15%			2039	* *	5-10	$36,000	
Pre-Cast Concrete	10%			LIFE	* *	5	$16,700	
Roof								
Built-Up (BUR)	93%	Now	$41,200	2026	$412,100			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Copper/Terne	5%			2041	* *	10	$12,100	
Modified Bitumen	2%			2026	$11,300	10	$1,900	
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$44,900	
Ceramic Tile	3%			2035	* *	5	$4,400	
Slate	5%			LIFE	* *	5	$15,600	
Vinyl Tile 9" X 9"	85%			2026	$1,374,100	3	$62,400	
Interior Walls								
Ceramic Tile	3%	Now	$21,500	2035	* *	5	$1,900	
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Restrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : First Floor Mens Restroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$10,400	
Masonry: Brick	5%			LIFE	* *	10	$1,900	
Plaster	57%			LIFE	* *	5-10	$62,900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Windows								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$16,200	
Ceilings								
AcousTileConcealSpLn	50%			2024	$593,100	5	$91,700	
Exposed Concrete	45%			LIFE	* *	5-10	$82,500	
Plaster	5%			LIFE	* *	5-10	$12,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2026	$18,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Transformers								
Dry Type	50%			2024	$7,900	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 300 Kva 480pri-208/120sec								
Dry Type	50%			2039	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 300 Kva 480pri-208/120sec								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$136,800	5	$300	
Fused Disc Sw	20%			2046	* *	5	$100	
Raceway								
Conduit	90%			2026	$155,300	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$17,900	5	$200	
Molded Case Bkrs	10%			2042	* *	5	$300	
Molded Case Bkrs	80%			2025	$143,500	5	$2,000	
Wiring								
Thermoplastic	90%			2026	$230,000	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$75,500	5	$600	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$1,400	
Generic	50%			LIFE	* *	5	$1,400	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	68%			2021	$740,600	10	$61,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	30%			2036	* *	10	$27,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2021	$66,100	10	$11,800	
Exit, Service	50%			2021	$13,200	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Radiant Heater	100%			2026	$431,700	2	$45,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : About 120 Units								
Terminal Devices								
Air Handler	25%			2026	$132,200	1	$15,200	
Induction Unit	75%			2029	* *	1	$23,800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2021	$161,300	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$86,600	
Exhaust Fans								
Interior	20%			2026	$21,700	2	$600	
Roof	80%			2026	$62,400	2	$2,400	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
SOUTH BRONX EDUCATIONAL CAMPUS - BX
Asset # : 388

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Electric	100%			2021	$15,200	4	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**SOUTH SHORE HIGH SCHOOL - BK**			
Address	:	**6565 FLATLANDS AVE @ RALPH AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K515**
Program / Asset #	:	**BOE0643.000 / 1206**	**Yr Built/Renovated**	:	**1970 / 2011**
Area Sq Ft	:	**436,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Oct-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,4**			
Block	:	**7998** **Lot** : **5**	**BIN**	:	**3224139**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,060,700	$3,468,300
Interior Architecture	$2,124,800	$3,381,500
Electrical	$569,900	$3,823,600
Mechanical	$416,000	$1,033,000
Total	**$4,171,500**	**$11,706,400**
Importance Code A	$1,103,200	$3,594,300
Importance Code B	$2,321,300	$8,001,100
Importance Code C	$747,000	$111,000
Total	**$4,171,500**	**$11,706,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$4,100		
Interior Architecture	$34,300		$22,100	$31,000
Electrical	$77,500	$43,200	$41,200	$38,400
Mechanical	$67,900	$62,900	$99,800	$63,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$191,600**	**$122,000**	**$175,000**	**$145,000**
Importance Code A		$48,300	$43,200	$43,200
Importance Code B	$191,600	$73,800	$131,800	$101,800
Importance Code C				
Total	**$191,600**	**$122,000**	**$175,000**	**$145,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$293,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glazed Ceramic Panel	20%			LIFE	* *	5	$352,600	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$225,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal/Glass Curt Wall	10%			LIFE	* *	5	$70,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$861,500	2039	* *	5	$17,100	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$12,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Glazed Ceramic Panel	10%			2033	* *	5-10	$34,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5	$28,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Roof								
IRMA/Protected Membrane	50%	Now	$146,000	2023	$1,459,500			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 80%								
Location : Over Toilets								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Modified Bitumen	50%	0-2	$53,300	2023	$1,066,200			
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Gymnasium								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%	Now	$34,300	2026	$686,600	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	10%	Now	$164,700	LIFE	* *	5	$55,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Traffic Topping	20%			2028	* *	5	$177,100	
Recent Replace Evident, Extent : Light, Area Affected : 40%								
Location : Various Laboratory Rooms								
Vinyl Tile	35%	Now	$421,700	2023	$2,108,500	3	$93,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	25%			2028	* *	3	$66,400	
Wood	5%	Now	$350,500	2051	* *	5	$33,200	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%	Now	$46,800	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$408,400	2032	* *	5	$18,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$29,600	
Metal Panel	5%			LIFE	* *			
Plaster	50%	Now	$148,400	LIFE	* *	5	$111,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$143,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Stair								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Stair								
Ceilings								
AcousTile,Adhered	30%	Now	$352,300	2028	* *	5	$94,700	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Corridors Throughout								
Exposed Concrete	10%			LIFE	* *	5	$9,900	
Plaster	60%			LIFE	* *	5	$236,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$126,100	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Multiple Main Disconnect Switches, 2 @ 4000 Amps And 2 @ 3000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	90%			2023	$659,800	5	$1,700	
Fused Disc Sw	10%			2043	* *	5	$200	
Raceway								
Conduit	90%			2023	$780,300	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$73,200	5	$1,000	
Molded Case Bkrs	20%			2039	* *	5	$2,300	
Molded Case Bkrs	70%			2022	$512,700	5	$8,000	
Wiring								
Thermoplastic	90%			2023	$1,052,600	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	90%			2021	$310,800	5	$2,600	
Locally Mounted	10%	2-4	$34,500	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	$22,000	1	$134,100	
Generators								
Natural Gas	100%			2019	$121,400	1	$168,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 55 Kilowatts								
Batteries								
Nickel Cadmium	100%			2018	$1,500	5	$97,200	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	$399,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Exit, Service	50%			2023	$58,800	1		
Exit, Battery	50%			2023	$200,600	10	$14,700	
Exterior Lighting								
HID	100%			2028	* *	10	$1,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$32,600	
Fire/Smoke Detection								
No Component	80%							
Generic	20%			2028	* *	1-3	$53,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$135,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks Of 20,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	Now	$42,500	2028	* *	1	$388,600	
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : One Out Of Four Boilers								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$60,900	2043	* *	4	$21,500	
Leak Evident, Extent : Light, Area Affected : 15%								
Location : Vacuum Condensate Pumps Throughout								
Terminal Devices								
Air Handler	20%	Now	$23,500	2023	$470,200	1	$48,500	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Convector/Radiator	80%	Now	$65,900	2028	* *	1	$101,400	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2018	$179,300	1		
No Component	80%							

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DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK
Asset # : 1206

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$243,100	
Exhaust Fans								
Interior	30%	Now	$7,200	2023	$144,600	2	$3,200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Fan Rooms								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Fan Rooms								
Explanation : Pneumatic Control System								
Roof	70%	Now	$12,100	2023	$242,600	2	$7,500	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%			2033	* *	4	$64,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2028	* *	1	$26,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) 1-4, (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$6,100	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE**		
Address	: **6565 FLATLANDS AVE RALPH AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K515**
Program / Asset #	: **BOE0643.010 / 14641**	**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **3,302**	**Project Type**	: **EDUCATION**
Date of Survey	: **03-Oct-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **7998** **Lot** : **5**	**BIN**	: **3224139**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical	$36,700	
Total	**$36,700**	
Importance Code B	$36,700	
Total	**$36,700**	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$4,300		
Interior Architecture	$400			
Electrical	$44,200	$16,700	$300	$400
Mechanical	$800	$1,000	$600	$300
Total	**$45,400**	**$22,100**	**$900**	**$700**
Importance Code A	$200	$4,500	$200	$200
Importance Code B	$45,000	$17,600	$800	$500
Importance Code C	$300			
Total	**$45,400**	**$22,100**	**$900**	**$700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	$7,000	
Metal Panel	25%			2043	* *	5-10	$15,900	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$10,300	
Ceramic Tile	5%			2032	* *	5	$200	
Interior Walls								
Ceramic Tile	5%			2032	* *	5	$500	
Concrete Masonry Unit	95%			LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 100 Amps								
Raceway								
Conduit	100%			2023	$13,900	1		
Panelboards								
Molded Case Bkrs	100%			2022	$22,400	5	$100	
Wiring								
Thermoplastic	100%			2023	$18,500	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2018	$36,700	10	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Egress Lighting								
Exit, Service	100%			2018	$900	1		
Exterior Lighting								
HID	100%			2018	$12,500	10		
Alarm								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%	Now	$10,000	2033	* *	1	$1,100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Main Entrance								
Fire/Smoke Detection								
Generic	100%	Now	$34,200	2033	* *	1-3	$1,900	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	5%			2028	* *	1	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : 2 Gas Fired Units								
Hot Water Boiler	95%			2028	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	$200	
Terminal Devices								
Convector/Radiator	100%			2028	* *	1	$1,100	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,800	
Exhaust Fans								
Roof	100%	Now	$500	2023	$2,600	2	$100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	100%			2018	$800	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SOUTH SHORE HIGH SCHOOL - BK FIELDHOUSE
Asset # : 14641

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Showers Missing Heads								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**SOUTH SHORE HIGH SCHOOL - BK STORAGE BUILDING**			
Address	:	**6565 FLATLANDS AVE @RALPH AVE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K515**
Program / Asset #	:	**BOE0643.020 / 14642**	**Yr Built/Renovated**	:	**2002 /**
Area Sq Ft	:	**595**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**03-Oct-2011**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**7998** **Lot** : **5**	**BIN**	:	**3224139**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture				
Total				
Importance Code A				
Importance Code B				
Total				

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SOUTH SHORE HIGH SCHOOL - BK STORAGE BUILDING

Asset # : 14642

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	100%			LIFE	* *	5	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20x25, Built 2002								
Roof								
Asphalt Shingle	100%			2032	* *	10	$300	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$1,900	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **SPRING CREEK EDUCATIONAL CAMPUS - BK**
Address : **1065 ELTON STREET @ FLATLANDS AVE.**
Borough : **BROOKLYN**
Agency's Number : **K422**
Program / Asset # : **BOE1124.000 / 14729**
Yr Built/Renovated : **2012 /**
Area Sq Ft : **154,058**
Project Type : **EDUCATION**
Date of Survey : **14-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **4449** **Lot** : **1**
BIN : **3398623**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$415,700
Interior Architecture	$138,900	$244,300
Electrical		$141,300
Mechanical		$74,000
Total	**$138,900**	**$875,300**
Importance Code A		$415,700
Importance Code B	$91,100	$306,400
Importance Code C	$47,900	$153,300
Total	**$138,900**	**$875,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				$19,500
Interior Architecture	$18,700			$83,400
Electrical	$12,400	$12,400	$12,400	$24,300
Mechanical	$30,500	$24,900	$42,400	$20,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$69,500**	**$45,200**	**$62,700**	**$155,600**
Importance Code A	$7,600	$7,600	$7,600	$27,400
Importance Code B	$61,900	$37,600	$55,100	$108,200
Importance Code C				$20,000
Total	**$69,500**	**$45,200**	**$62,700**	**$155,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$82,000	
Masonry: Brick	80%			LIFE	* *	5	$131,300	
Metal/Glass Curt Wall	10%			LIFE	* *	5	$30,800	
Windows								
Aluminum	100%			2050	* *	5	$39,000	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$46,400	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$7,700	
Masonry: Brick	45%			LIFE	* *	5	$4,500	
Roof								
IRMA/Protected Membrane	100%			2035	* *	10	$156,000	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,200	
Ceramic Tile	20%			2040	* *	5	$46,100	
Vinyl Tile	65%			2035	* *	3	$74,900	
Wood	10%			2065	* *	5	$43,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	30%			2040	* *	5	$95,800	
Concrete Masonry Unit	5%			LIFE	* *	5	$6,400	
Folding Partition	5%			2050	* *	5	$39,900	
Gypsum Board	55%			LIFE	* *	5	$105,400	
Ceilings								
AcousTileSusp.Lay-In	80%			2045	* *	5	$182,100	
Embossed Metal	5%			LIFE	* *	5	$5,100	
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$14,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2055	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2055	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amps Main Disconnect Switch For Fire Pump & Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2050	* *	5	$400	
Molded Case Bkrs	90%			2050	* *	5	$3,700	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	70%			2045	* *	5	$700	
Variable Frequency Drive	30%			2045	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$47,400	
Generators								
Diesel	100%			2040	* *	1	$59,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Generator								
Explanation : One 200 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$5,700	
Fuel Storage								
Main Tank	100%			2065	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Generator								
Explanation : Onr 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$127,200	
T-8 Lamps, Extent : Moderate, Area Affected : 90%								
Location : Throughout The Building								
Fluorescent	10%			2035	* *	10	$14,100	
T-5 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Gym, Auditorium & Lobby, 1st Through 4th Floors								
Egress Lighting								
Emergency, Service	60%			2035	* *	1		
Exit, LED	40%			2065	* *	1		
Exterior Lighting								
Fluorescent	10%			2035	* *	10	$1,400	
T-5 Lamps, Extent : Moderate, Area Affected : 10%								
Location : Roof & Entrance Door								
HID	90%			2035	* *	10	$400	
Lightning Protection								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRING CREEK EDUCATIONAL CAMPUS - BK
Asset # : 14729

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2065	* *	5	$4,500	
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$17,300	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2035	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	80%			2033	* *	1	$60,900	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 7 Roof Top Package Units								
Hot Water Boiler	20%			2045	* *	1	$15,200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Penthouse								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	20%			2047	* *	4	$1,500	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2042	* *	1	$10,000	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2033	* *	2	$7,500	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 7 Roof Top Units, R-410c Refrigerant								
Split Unit	20%			2033	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Explanation : About 25 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SPRING CREEK EDUCATIONAL CAMPUS - BK

Asset # : 14729

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - Cooling	20%			2033	* *	1	$10,000	
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2033	* *	2	$21,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$85,900	
Exhaust Fans								
Roof	100%			2033	* *	2	$4,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2024	$35,800	2	$2,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$9,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Floors 1-4								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	$43,200	
Fire Pump								
Generic	100%			2038	* *	1	$28,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SPRINGFIELD GARDENS H.S. - Q**		
Address	: **143-10 SPRINGFIELD BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **Q420**
Program / Asset #	: **BOE0872.000 / 2759**	**Yr Built/Renovated**	: **1965 / 2006**
Area Sq Ft	: **272,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **01-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **13057** **Lot** : **56**	**BIN**	: **4280845**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$543,400	$907,000
Interior Architecture	$2,561,900	$416,100
Electrical	$610,900	$6,463,100
Mechanical	$926,300	$259,000
Total	**$4,642,500**	**$8,045,200**
Importance Code A	$543,400	$991,000
Importance Code B	$4,099,200	$6,979,600
Importance Code C		$74,600
Total	**$4,642,500**	**$8,045,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$28,500		$40,000
Interior Architecture	$27,400	$22,600	$12,400	$27,400
Electrical	$22,100	$23,400	$24,800	$41,000
Mechanical	$53,500	$47,100	$84,600	$51,500
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$107,000**	**$125,500**	**$125,800**	**$163,800**
Importance Code A	$29,000	$57,500	$29,000	$69,600
Importance Code B	$77,900	$68,000	$84,300	$94,300
Importance Code C			$12,400	
Total	**$107,000**	**$125,500**	**$125,800**	**$163,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	90%			LIFE	* *	5	$184,800	
Metal Panel	5%			2035	* *	5-10	$70,600	
Window Wall	5%			2045	* *	5	$38,500	
Windows								
Aluminum	100%	Now	$108,500	2033	* *	5	$12,900	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick Cavity	60%			LIFE	* *	5	$9,200	
Metal Panel	5%			2035	* *	5	$3,000	
Metal Rail	35%			2030	* *	5-10	$96,600	
Roof								
Built-Up (BUR)	60%			2030	* *	10	$186,300	
Metal Panel	5%			2038	* *	10	$28,500	
Modified Bitumen	35%	Now	$189,900	2025	$633,000			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Auditorium								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$143,900	
Quarry Tile	5%			2038	* *	5	$32,900	
Terrazzo	5%			LIFE	* *	5	$17,100	
Traffic Topping	15%			2030	* *	5	$82,200	
Vinyl Tile 9" X 9"	50%			2020	$2,415,600	3	$109,600	
Wood	10%			2053	* *	5	$82,200	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$24,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$29,900	
Masonry: Brick	5%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$74,600	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2038	* *	5	$128,100	
AcousTileSusp.Lay-In	3%			2038	* *	5	$12,300	
Exposed Concrete	52%			LIFE	* *	5	$33,300	
Exposed Struc: Steel	5%			LIFE	* *			
Metal Panel	10%			LIFE	* *	5	$51,300	
Plaster	5%			LIFE	* *	5	$12,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated @ 3000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	95%			2025	$464,300	5	$1,100	
Fused Disc Sw	5%			2051	* *	5	$100	
Raceway								
Conduit	95%			2035	* *	1		
Conduit	5%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$300	
Fused Disc Sw	10%			2024	$47,800	5	$600	
Molded Case Bkrs	70%			2024	$334,800	5	$5,000	
Molded Case Bkrs	15%			2033	* *	5	$1,100	
Wiring								
Braided Cloth	70%	2-4	$545,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	25%			2035	* *	1		
Thermoplastic	5%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$230,200	5	$1,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$83,700	
Generators								
Diesel	100%			2038	* *	1	$105,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated @ 169 Kva								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$10,100	
Fuel Storage								
Main Tank	100%			2060	* *	5	$8,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Capacity								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	93%			2025	$3,027,100	10	$249,900	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2025	$97,600	10	$8,100	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
HID	2%			2025	$46,800	10	$200	
Incandescent	2%			2020	$65,100	2	$100	
Egress Lighting								
Emergency, Service	40%			2030	* *	1		
Emergency, Battery	10%			2030	* *	10	$7,100	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	$1,027,300	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$30,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2025	$845,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Change To #4 Oil From #6								
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$290,200	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Oil Leaks, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$40,900	2035	* *	4	$14,400	
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : Return Line, Various Locations								
Terminal Devices								
Air Handler	40%			2020	$632,000	1	$72,500	
Convector/Radiator	60%			2030	* *	1	$56,800	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2020	$120,500	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$163,400	
Exhaust Fans								
Interior	20%			2020	$64,800	2	$1,800	
Roof	80%			2025	$186,400	2	$7,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$68,200	2	$4,300	
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$29,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2035	* *	1-2	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SPRINGFIELD GARDENS H.S. - Q
Asset # : 2759

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **STATEN ISLAND TECH H.S. - SI**		
Address	: **458 CLAWSON ST. @ LINDBERGH AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R440**
Program / Asset #	: **BOE0948.000 / 1199**	**Yr Built/Renovated**	: **1936 / 2011**
Area Sq Ft	: **168,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3**		
Block	: **4244** **Lot** : **1**	**BIN**	: **5107621**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$121,200	$175,700
Interior Architecture	$725,200	$1,141,300
Electrical	$1,125,400	$622,900
Mechanical	$369,700	$712,300
Total	**$2,341,600**	**$2,652,200**
Importance Code A	$121,200	$175,700
Importance Code B	$2,061,600	$2,435,100
Importance Code C	$158,700	$41,400
Total	**$2,341,600**	**$2,652,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$52,200	$18,600		
Interior Architecture	$32,600	$26,200	$13,900	$15,500
Electrical	$1,700	$24,200		
Mechanical	$100,100	$54,800	$36,800	$22,700
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$198,500**	**$135,600**	**$62,600**	**$50,100**
Importance Code A	$66,800	$33,700	$14,700	$14,700
Importance Code B	$105,300	$101,900	$47,900	$35,300
Importance Code C	$26,400			
Total	**$198,500**	**$135,600**	**$62,600**	**$50,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$24,000	LIFE	* *	5	$21,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Areaways Surrounding Building								
Explanation : Cracking And Crumbling At Tie Beams Between Foundation Wall And Retaining Wall								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$133,100	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$42,600	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	25%			LIFE	* *	5	$16,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%			2048	* *	5	$37,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$8,400	
Masonry: Brick	90%	Now	$28,200	LIFE	* *	5	$9,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%			2028	* *	10	$121,200	
Skylight, Metal/Glass	5%			2043	* *	10	$21,300	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$54,200	
Ceramic Tile	5%			2032	* *	5	$12,400	
Panel/Paver: Cer/Brk	5%			2039	* *	5	$27,900	
Vinyl Tile	40%	Now	$42,100	2023	$842,400	3	$37,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	10%	Now	$210,600	2033	* *	3	$9,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Stairs 9x9 Tiles Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Wood	30%	Now	$245,100	2038	* *	5	$69,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$158,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Old Coal Bunker								
Ceramic Tile	5%			2032	* *	5	$12,500	
Glazed Ceramic Panel	5%			LIFE	* *			
Masonry: Brick	5%			LIFE	* *			
Plaster	10%	Now	$20,100	LIFE	* *	5	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Plaster	45%			LIFE	* *	5	$33,900	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	20%			2028	* *	5	$52,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Library								
Exposed Concrete	20%			LIFE	* *	5	$6,500	
Exposed Struc: Steel	5%			LIFE	* *			
Fiber Board	5%			2023	$68,300			
Plaster	50%	Now	$68,600	LIFE	* *	5	$65,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Raceway								
Conduit	90%			2023	$222,700	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$25,400	5	$400	
Molded Case Bkrs	20%			2048	* *	5	$900	
Molded Case Bkrs	70%			2022	$177,900	5	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$243,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	20%			2023	$69,500	1		
Motor Controllers								
Locally Mounted	70%			2021	$80,600	5	$800	
Locally Mounted	20%			2036	* *	5	$200	
Motor Control Center	10%			2021	$72,200	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Lighting								
Interior Lighting								
Fluorescent	74%			2028	* *	10	$112,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Fluorescent	20%			2033	* *	10	$30,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement And Some Other Areas								
Explanation : T-8 Lamps								
HID	3%			2018	$39,600	10	$200	
Incandescent	3%			2018	$55,100	2	$100	
Egress Lighting								
Emergency, Service	50%			2018	$40,700	1		
Exit, Service	50%			2018	$22,300	1		
Exterior Lighting								
HID	100%			2018	$634,500	10	$500	
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 10,000 Gal. Tank								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Heat Exchanger	20%			2026	$7,100	1	$16,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Steam Boiler	80%	Now	$12,900	2028	* *	1	$118,000	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Feed Line								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	20%	Now	$3,300	2031	* *	4	$1,600	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Heat Exchanger Room								
Explanation : Noisy, Vibrating Circulation Pump								
Steam Piping/Pump	80%	Now	$18,500	2033	* *	4	$6,500	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Vacuum Condensate Pump								
Terminal Devices								
Air Handler	30%	Now	$13,400	2018	$267,700	1	$27,600	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Fan Room								
Convector/Radiator	50%	Now	$15,600	2028	* *	1	$24,000	
Cracked, Extent : Moderate, Area Affected : 2%								
Location : First Floor								
Fan Coil Unit/Heat	20%			2023	$495,600	1	$10,700	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$102,100	1		
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	2%			2031	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : T V Studio								
Explanation : Using Steam Coil For Heating - Air Handler Is Ceiling Mounted								
No Component	98%							
Heat Rejection								
Air Condenser Unit	2%			2031	* *	2	$2,300	
No Component	98%							
Ventilation								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI
Asset # : 1199

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$28,600	LIFE	* *	2-5	$92,300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Throughout Duct, Flexible Joints								
Exhaust Fans								
Interior	75%			2023	$137,200	2	$3,800	
Roof	25%	Now	$700	2018	$32,900	2	$1,000	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$38,500	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit Of 900 Gals								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%	Now	$2,200	2023	$11,100	4	$1,600	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Ejector Motor								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	35%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st: 3rd Floor								
Explanation : One Unit								
Hydraulic	65%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : One Unit From Basement :3rd Floor And The Other Unit Basement :2nd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2043	* *	1-2	$2,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **STATEN ISLAND TECH H.S. - SI FIELD HOUSE**		
Address	: **458 CLAWSON ST. @ LINDBERGH AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R440**
Program / Asset #	: **BOE0948.010 / 2943**	**Yr Built/Renovated**	: **1963 / 2008**
Area Sq Ft	: **3,600**	**Project Type**	: **EDUCATION**
Date of Survey	: **05-Dec-2011**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **4244** **Lot** : **1**	**BIN**	: **5107621**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical	$143,300	$43,100
Total	**$143,300**	**$43,100**
Importance Code B	$143,300	$43,100
Total	**$143,300**	**$43,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		$3,100		
Interior Architecture	$10,500			$200
Electrical		$20,700		
Mechanical	$2,200	$7,300	$1,500	$600
Total	**$12,700**	**$31,100**	**$1,500**	**$900**
Importance Code A	$600	$3,800	$600	$600
Importance Code B	$4,700	$27,300	$800	$300
Importance Code C	$7,400			
Total	**$12,700**	**$31,100**	**$1,500**	**$900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELD HOUSE
Asset # : 2943

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$9,100	
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : In Rear								
Metal Coiling Doors	5%			2028	* *	5	$1,500	
Windows								
Aluminum	100%			2048	* *	5	$4,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2033	* *	10	$24,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$25,300	
Ceramic Tile	30%			2032	* *	5	$5,800	
Vinyl Tile	10%			2023	$16,400	3	$1,000	
Interior Walls								
Ceramic Tile	30%			2032	* *	5	$14,700	
Concrete Masonry Unit	70%			LIFE	* *	5	$13,700	
Ceilings								
Exposed Concrete	75%			LIFE	* *	5	$2,300	
Exposed Struc: Steel	25%			LIFE	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$2,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Amps Main Disconnect Switch								
Raceway								
Conduit	95%			2023	$13,200	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2022	$1,100	5		
Molded Case Bkrs	95%			2022	$21,300	5	$100	
Wiring								
Thermoplastic	95%			2023	$17,600	1		
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	95%			2021	$43,100	5		
Locally Mounted	5%			2036	* *	5		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELD HOUSE
Asset # : 2943

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	30%			2018	$43,000	10	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-12 Lamps								
Incandescent	70%			2018	$100,300	2	$200	
Egress Lighting								
Exit, Service	100%			2018	$3,500	1		
Exterior Lighting								
HID	100%			2018	$13,600	10		

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		
Conversion Equipment								
Furnace	100%			2023	$15,800	1	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$5,800	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2018	$6,600	1		
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
Water Heater								
Gas Fired	50%			2021	$1,500	2	$100	
Gas Fired	50%			2017	$1,500	2	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STATEN ISLAND TECH H.S. - SI FIELD HOUSE
Asset # : 2943

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **STERLING ALTERNATIVE H. S. - BK (P.S. 85 - BK)**
Address : **510 CLERMONT AVE. @ ATLANTIC AVE.**
Borough : **BROOKLYN**
Agency's Number : **K085**
Program / Asset # : **BOE0400.000 / 1082**
Yr Built/Renovated : **1972 / 2010**
Area Sq Ft : **51,000**
Project Type : **EDUCATION**
Date of Survey : **20-Sep-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **2008** **Lot** : **1**
BIN : **3057521**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$37,100
Electrical	$933,400	$555,000
Mechanical	$86,600	$56,800
Total	**$1,020,000**	**$648,800**
Importance Code A		$37,100
Importance Code B	$1,020,000	$611,800
Total	**$1,020,000**	**$648,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$36,000	$4,800		
Interior Architecture	$50,000	$9,800	$3,700	$16,200
Electrical	$400	$600	$1,000	$79,900
Mechanical	$35,300	$11,100	$18,200	$60,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$125,700**	**$30,300**	**$26,800**	**$160,900**
Importance Code A	$41,300	$10,000	$5,200	$5,300
Importance Code B	$55,200	$20,300	$19,800	$155,500
Importance Code C	$29,200		$1,700	
Total	**$125,700**	**$30,300**	**$26,800**	**$160,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STERLING ALTERNATIVE H. S. - BK (P.S. 85 - BK)
Asset # : 1082

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	* *	5	$37,100	
Metal Coiling Doors	5%	Now	$24,700	2038	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Pre-Cast Concrete	10%			LIFE	* *	5	$14,200	
Windows								
Aluminum	95%			2041	* *	5	$9,300	
Glass Block	5%			LIFE	* *	5	$300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,400	
Pre-Cast Concrete	10%			LIFE	* *	5	$4,500	
Roof								
Built-Up (BUR)	95%	0-2	$11,300	2030	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2038	* *	10	$4,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$8,600	
Ceramic Tile	5%			2034	* *	5	$3,900	
Quarry Tile	5%			2038	* *	5	$5,900	
Terrazzo	5%			LIFE	* *	5	$3,100	
Vinyl Tile	70%			2030	* *	3	$20,700	
Wood	10%	4+	$13,000	2053	* *	5	$7,400	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2034	* *	5	$3,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$2,800	
Folding Partition	5%	2-4	$13,900	2041	* *	5	$4,400	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	55%	2-4	$15,400	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	$24,600	
AcousTileSusp.Lay-In	10%			2030	* *	5	$7,900	
Exposed Concrete	50%			LIFE	* *	5	$6,200	
Plaster	15%	0-2	$7,700	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STERLING ALTERNATIVE H. S. - BK (P.S. 85 - BK)
Asset # : 1082

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$200	
Raceway								
Conduit	95%			2025	$117,700	1		
Conduit	5%			2035	* *	1		
Panelboards								
Fused Disc Sw	5%			2024	$5,200	5	$100	
Molded Case Bkrs	10%			2033	* *	5	$100	
Molded Case Bkrs	85%			2024	$88,900	5	$1,100	
Wiring								
Thermoplastic	90%			2025	$156,500	1		
Thermoplastic	10%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2023	$45,300	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	92%			2020	$537,900	10	$44,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-12 Lamps								
HID	3%			2020	$12,600	10	$100	
Incandescent	5%			2020	$29,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$6,400	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	$192,600	10	$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	$30,900	1	$3,800	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$158,500			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STERLING ALTERNATIVE H. S. - BK (P.S. 85 - BK)
Asset # : 1082

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2035	* *	5	$16,300	
Conversion Equipment								
Steam Boiler	100%			2030	* *	1	$52,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$18,400	2035	* *	4	$2,600	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Vacuum Pump								
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Basement Boiler Room								
Terminal Devices								
Air Handler	20%			2025	$56,800	1	$6,500	
Convector/Radiator	80%			2030	* *	1	$13,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2020	$86,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$29,400	
Exhaust Fans								
Interior	20%			2025	$11,600	2	$300	
Roof	80%			2025	$33,500	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$5,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	Now	$200	2020	$11,100	4	$1,600	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Auto Control								
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STERLING ALTERNATIVE H. S. - BK (P.S. 85 - BK)
Asset # : 1082

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-3								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$1,500	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **STUYVESANT HIGH SCHOOL - M**				
Address	: **345 CHAMBERS ST. @ WEST ST.**				
Borough	: **MANHATTAN**		**Agency's Number**	: **M475**	
Program / Asset #	: **BOE0982.000 / 4147**		**Yr Built/Renovated**	: **1992 / 2012**	
Area Sq Ft	: **412,697**		**Project Type**	: **EDUCATION**	
Date of Survey	: **18-Apr-2014**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Floors 1,3,5,7,9,10**				
Block	: **16**	**Lot** : **215**	**BIN**	: **1084587**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$609,200	$692,700
Interior Architecture	$442,000	$887,400
Electrical	$370,900	$1,579,600
Mechanical	$150,000	$8,287,600
Total	**$1,572,000**	**$11,447,200**
Importance Code A	$609,200	$692,700
Importance Code B	$962,900	$10,342,000
Importance Code C		$412,500
Total	**$1,572,000**	**$11,447,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$28,800			$22,300
Interior Architecture		$58,700	$46,700	
Electrical	$33,300	$56,900	$33,300	$40,500
Mechanical	$277,500	$146,900	$267,400	$185,100
Elevators/Escalators	$96,400	$96,400	$96,400	$96,400
Total	**$436,000**	**$358,900**	**$443,800**	**$344,400**
Importance Code A	$69,700	$40,900	$40,900	$64,100
Importance Code B	$366,300	$318,000	$371,700	$280,300
Importance Code C			$31,300	
Total	**$436,000**	**$358,900**	**$443,800**	**$344,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	7%			LIFE	* *	5	$216,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$24,800	
Recent Replace Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	70%			LIFE	* *	5	$277,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2045	* *	5-10	$136,300	
Granite Panels	5%			LIFE	* *	5	$14,900	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Window Wall	3%			2045	* *	5	$44,600	
Windows								
Aluminum	83%	Now	$535,900	2041	* *	5	$32,000	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Glass Block	15%	0-2	$28,800	LIFE	* *	5	$7,200	
Metal Louvers	2%			2034	* *	10	$9,600	
Parapets								
Cast in Place Concrete	35%			LIFE	* *	5	$99,000	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$13,700	
Recent Repair Evident, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Rail	12%			2038	* *	5-10	$59,400	
Pre-Cast Concrete	3%			LIFE	* *	5	$5,200	
Roof								
Metal Panel	5%			2045	* *	10	$2,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	95%			2035	* *	10	$25,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2027	* *	3	$18,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	* *	5	$67,600	
Ceramic Tile	5%			2034	* *	5	$30,900	
Terrazzo	10%			LIFE	* *	5	$48,300	
Vinyl Tile	68%			2030	* *	3	$157,500	
Wood	10%			2053	* *	5	$115,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2034	* *	5	$62,500	
Concrete Masonry Unit	15%			LIFE	* *	5	$75,000	
Folding Partition	2%			2041	* *	5	$62,500	
Gypsum Board	15%			LIFE	* *	5	$112,500	
Granite Panels	7%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$75,000	
SGFT/Glazed Masonry	28%			LIFE	* *			
Wood	3%			LIFE	* *	5	$150,000	
Ceilings								
AcousTileSusp.Lay-In	60%			2038	* *	5	$370,600	
Embossed Metal	5%			LIFE	* *	5	$13,900	
Exposed Concrete	10%			LIFE	* *	5	$9,700	
Exposed Concrete	5%	Now	$198,800	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Below Pool Area In Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Below Pool Area In Basement								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Below Pool Area In Basement								
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$115,800	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 5000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	5	$1,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	$900	
Molded Case Bkrs	90%			2033	* *	5	$9,800	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	10%			2030	* *	5	$300	
Motor Control Center	90%			2030	* *	5	$10,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2030	* *	1	$127,000	
Generators								
Diesel	100%			2028	* *	1	$159,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : 1000 Kva Cummins Genset								
Batteries								
Lead/Acid	100%			2018	$1,500	5	$15,300	
Fuel Storage								
Day Tank	50%			2041	* *	5	$38,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Penthouse								
Explanation : One 75 Gallon Tank								
Main Tank	50%			2053	* *	5	$6,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 1000 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	93%			2030	* *	10	$352,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
Fluorescent	5%			2030	* *	10	$18,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Some Hallways								
Explanation : T-5 Lamps								
HID	2%			2030	* *	10	$300	
Egress Lighting								
Emergency, Service	59%			2030	* *	1		
Emergency, Battery	1%			2025	$5,600	10	$1,000	
Exit, Service	40%			2025	$44,500	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	90%			2025	$1,402,800	10	$1,100	
Incandescent	10%			2025	$132,300	2	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2053	* *	5	$12,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$46,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Analog	70%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$408,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	80%			2041	* *	4	$24,400	
Steam Piping/Pump	20%	Now	$28,800	2045	* *	4	$4,100	
Steam Traps Faulty, Extent : Severe, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Air Handler	20%			2025	$445,100	1	$51,000	
Fan Coil Unit/Heat	80%			2025	$4,943,600	1	$106,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	85%			2028	* *	1	$379,600	
R-134a Refrigerant, Extent : Light, Area Affected : 85%								
Location : A C Room In Basement								
Other Observation, Extent : Light, Area Affected : 85%								
Location : A C Room In Basement								
Explanation : 2 Units								
Ext Pkg Unit - Cooling	5%			2025	$95,200	2	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 5%								
Location : Roof								
No Component	10%							
Distribution								
Chilled Wtr Pipe/Pump	85%			2035	* *	4	$17,300	
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	85%			2025	$1,341,100	1	$216,900	
No Component	15%							
Heat Rejection								
Water Cool Tower	85%			2023	$906,200	2	$353,000	
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$230,100	
Exhaust Fans								
Interior	25%			2025	$114,000	2	$3,200	
Roof	75%			2025	$246,100	2	$9,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	$96,000	2	$6,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2030	* *	4		
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2025	$40,000	1	$25,300	
Fixtures								
Generic	100%							
Vertical Transport								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
STUYVESANT HIGH SCHOOL - M
Asset # : 4147

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (1) B-12 (2) 1-10 (1) B-5 (1) G-1 Lift								
Explanation : 4 Units Plus 1 Hydraulic Lift								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-7								
Explanation : 14 Units								
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	$215,800	
Sprinkler								
Generic	100%			2035	* *	1-2	$115,600	
Fire Pump								
Generic	100%			2028	* *	1	$77,100	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **SUNSET PARK H.S. - BK**
Address : **153 35TH STREET BTWN 3RD AVE. - 4TH AVE.**
Borough : **BROOKLYN**
Agency's Number : **K564**
Program / Asset # : **BOE1087.000 / 14438**
Yr Built/Renovated : **2009 /**
Area Sq Ft : **197,598**
Project Type : **EDUCATION**
Date of Survey : **07-Mar-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **688** **Lot** : **26** **BIN** : **3394175**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$38,500	$579,800
Interior Architecture	$705,600	$1,184,700
Electrical		$175,800
Mechanical		$94,900
Total	**$744,100**	**$2,035,200**
Importance Code A	$38,500	$579,800
Importance Code B	$580,600	$805,400
Importance Code C	$125,000	$650,100
Total	**$744,100**	**$2,035,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$7,100			
Interior Architecture		$81,100		
Electrical	$19,200	$15,900	$16,000	$24,000
Mechanical	$35,300	$33,900	$45,400	$33,800
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$76,400**	**$145,700**	**$76,100**	**$72,600**
Importance Code A	$16,900	$9,800	$9,800	$9,800
Importance Code B	$59,500	$136,000	$66,400	$62,900
Importance Code C				
Total	**$76,400**	**$145,700**	**$76,100**	**$72,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SUNSET PARK H.S. - BK

Asset # : 14438

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE		5	$376,800	
Metal Panel	5%	4+	$7,100	2051	* *	5	$37,200	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2047	* *	5	$77,000	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$127,200	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$21,200	
Masonry: Brick	45%			LIFE	* *	5	$12,300	
Roof								
IRMA/Protected Membrane	90%			2033	* *	10	$24,400	
Skylight, Metal/Glass	10%			2051	* *	10	$9,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Units								
Interior								
Floors								
Carpet	5%			2027	* *	3	$46,300	
Cast in Place Concrete	5%			LIFE	* *	5	$67,600	
Ceramic Tile	5%			2038	* *	5	$30,900	
Traffic Topping	10%	2-4	$306,500	2033	* *	5	$38,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Vinyl Tile	65%			2033	* *	3	$150,600	
Wood	10%			2065	* *	5	$115,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	20%			2038	* *	5	$250,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$25,000	
Gypsum Board	70%			LIFE	* *	5	$525,000	
Ceilings								
AcousTileSusp.Lay-In	70%			2045	* *	5	$432,400	
Embossed Metal	5%			LIFE	* *	5	$13,900	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$154,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SUNSET PARK H.S. - BK

Asset # : 14438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$800	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5	$200	
Molded Case Bkrs	95%			2047	* *	5	$4,900	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$1,300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	* *	1	$60,800	
Generators								
Diesel	100%			2038	* *	1	$76,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 200 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$7,300	
Fuel Storage								
Main Tank	100%			2060	* *	5	$5,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	97%			2033	* *	10	$175,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-8 Lamps								
Incandescent	3%			2033	* *	2	$100	
Egress Lighting								
Emergency, Service	50%			2033	* *	1		
Exit, Service	50%			2033	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

SUNSET PARK H.S. - BK

Asset # : 14438

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2033	* *	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$22,100	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2033	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Furnace	100%			2030	* *	1	$97,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Roof Top Package Units - Heating & Cooling								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	$12,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 7 Roof Top Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,200	
Exhaust Fans								
Roof	100%			2030	* *	2	$6,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater								
Gas Fired	100%			2023	$46,000	2	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUNSET PARK H.S. - BK
Asset # : 14438

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2030	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2033	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2033	* *	1	$12,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) C-5 (1) B-1								
Explanation : 3 Units								
Fire Suppression								
Standpipe								
Generic	100%			2051	* *	1-5	$99,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : 3 Connections Located Outside Of The Building								
Sprinkler								
Generic	100%			2051	* *	1-2	$55,400	
Fire Pump								
Generic	100%			2034	* *	1	$36,900	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **SUSAN E. WAGNER HIGH SCHOOL - SI**		
Address	: **1200 MANOR RD @BRIELLE AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **R460**
Program / Asset #	: **BOE0952.000 / 1202**	**Yr Built/Renovated**	: **1968 / 2008**
Area Sq Ft	: **320,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **16-May-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,3,4,p**		
Block	: **955** **Lot** : **100**	**BIN**	: **5113197**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,902,700	$1,997,800
Interior Architecture	$3,859,700	$449,600
Electrical	$2,267,600	$5,551,800
Mechanical	$1,649,100	$1,369,700
Total	**$9,679,100**	**$9,368,800**
Importance Code A	$2,070,500	$2,065,000
Importance Code B	$7,401,900	$7,226,600
Importance Code C	$206,700	$77,300
Total	**$9,679,100**	**$9,368,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$32,700			
Interior Architecture	$55,100	$38,600		$41,900
Electrical	$27,500	$7,000	$6,500	$6,100
Mechanical	$18,900	$58,400	$98,800	$50,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$138,100**	**$107,900**	**$109,200**	**$102,900**
Importance Code A	$32,700	$34,100	$34,100	$34,800
Importance Code B	$97,600	$65,000	$75,100	$68,100
Importance Code C	$7,800	$8,800		
Total	**$138,100**	**$107,900**	**$109,200**	**$102,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement			Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick	80%	0-2	$126,800	LIFE		* *	5	$210,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Relieving Angles At Windows									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Mechanical Bulkhead									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Throughout									
Pre-Cast Concrete	20%	Now	$173,600	LIFE		* *	5	$170,700	
Expansion Jnt Failure, Extent : Light, Area Affected : 20%									
Location : Throughout									
Windows									
Aluminum	100%	Now	$272,300	2033		* *	5	$16,200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 30%									
Location : Throughout									
Parapets									
Masonry: Brick	75%	Now	$31,100	LIFE		* *	5	$10,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Metal Rail	2%	0-2	$1,500	2038		* *	5	$2,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Pre-Cast Concrete	23%	0-2	$35,500	LIFE		* *	5	$20,800	
Expansion Jnt Failure, Extent : Light, Area Affected : 50%									
Location : Various Locations									
Roof									
Modified Bitumen	95%	0-2	$646,800	2025	$1,617,000				
Ponding, Extent : Moderate, Area Affected : 20%									
Location : Various Locations									
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Skylight, Metal/Glass	5%	Now	$647,700	2045		* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%									
Location : 5 Units									
Interior									

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%	4+	$5,400	LIFE	* *	5	$56,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Ceramic Tile	5%	0-2	$50,000	2028	* *	5	$12,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	5%			2038	* *	5	$38,700	
Terrazzo	10%			LIFE	* *	5	$40,300	
Vinyl Tile	65%			2020	$2,851,700	3	$167,700	
Other Observation, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Explanation : 9 X 9 Tiles								
Vinyl Tile	5%			2033	* *	3	$9,700	
Wood	5%	0-2	$170,200	2040	* *	5	$24,200	
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	3%			2028	* *	5	$17,600	
Concrete Masonry Unit	3%	4+	$7,800	LIFE	* *	5	$7,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Masonry: Brick	5%			LIFE	* *			
Plaster	44%	Now	$206,700	LIFE	* *	5	$77,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 220s, 260s And 280s								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	62%	0-2	$241,900	2030	* *	5	$186,900	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
AcousTileSusp.Lay-In	3%			2038	* *	5	$14,500	
Embossed Metal	20%	0-2	$339,200	LIFE	* *	5	$43,400	
Deformed/Dented, Extent : Moderate, Area Affected : 100%								
Location : Throughout Hallways								
Plaster	15%			LIFE	* *	5	$45,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2025	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 3000 Amps Main Disconnect Switch								
Fused Disc Sw	60%			2025	$50,400	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- 2500 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- 600 Amps Main Disconnect Switch For Fire Pump								
Switchgear / Switchboard								
Fused Disc Sw	90%			2025	$439,800	5	$1,200	
Fused Disc Sw	10%			2045	* *	5	$100	
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$700	
Fused Disc Sw	5%			2041	* *	5	$400	
Fused Knife Sw	5%	2-4	$23,900	2050	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	60%			2024	$287,000	5	$5,100	
Molded Case Bkrs	20%			2041	* *	5	$1,700	
Wiring								
Braided Cloth	80%	2-4	$623,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	30%			2023	$69,100	5	$600	
Motor Control Center	70%			2023	$1,011,200	5	$6,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	68%			2025	$2,603,900	10	$215,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2030	* *	10	$63,200	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2030	* *	10	$31,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2020	$55,000	10	$200	
Egress Lighting								
Emergency, Battery	45%			2020	$209,200	10	$37,400	
Emergency, Battery	5%			2030	* *	10	$4,200	
Exit, Service	47%			2020	$43,700	1		
Exit, Service	3%			2030	* *	1		
Exterior Lighting								
HID	95%			2020	$1,148,100	10	$900	
Incandescent	5%			2020	$51,300	2		
Alarm								
Security System								
No Component	70%							
Generic	30%			2025	$290,400	1	$35,900	
Fire/Smoke Detection								
No Component	65%							
Generic, Digital	35%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2035	* *	5	$106,800	
Exposed Tank(s), Extent : Light, Area Affected : 100%								
Location : (2) 15,000 Gallon Tanks, Outside								
Conversion Equipment								
Steam Boiler	100%	Now	$167,800	2030	* *	1	$307,300	
Damaged, Extent : Severe, Area Affected : 20%								
Location : #1 And # 3, Forced Draft Fans, Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 4 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$962,800	2045	* *	4	$17,000	
Leak Evident, Extent : Severe, Area Affected : 40%								
Location : Boiler Room								
Terminal Devices								
Air Handler	35%	Now	$130,100	2025	$650,600	1	$67,100	
Damaged, Extent : Severe, Area Affected : 20%								
Location : Roof - Temperature Controls Malfunctioning								
Convector/Radiator	60%			2030	* *	1	$66,800	
Fan Coil Unit/Heat	5%	0-2	$5,200	2025	$258,100	1	$5,000	
Malfunctioning, Extent : Light, Area Affected : 20%								
Location : Temperature Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2020	$283,500	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$192,200	
Exhaust Fans								
Interior	45%			2025	$171,500	2	$4,800	
Roof	55%			2025	$150,700	2	$5,800	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	Now	$51,500	2030	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Basement								
HW Heat Exchanger								
Low Temp	100%			2035	* *	4	$34,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2025	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Unit								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
SUSAN E. WAGNER HIGH SCHOOL - SI
Asset # : 1202

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	68%							
Generic	32%			2045	* *	1-2	$30,900	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**TEACHERS PREPARATORY H. S. - BK**			
Address	:	**226 BRISTOL ST. @BLAKE AVE.**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K697**
Program / Asset #	:	**BOE0473.000 / 681**	**Yr Built/Renovated**	:	**1914 / 2012**
Area Sq Ft	:	**89,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**05-Jan-2012**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,3,5,p**			
Block	:	**3541** **Lot** : **1**	**BIN**	:	**3081419**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$383,300	$112,500
Interior Architecture	$380,100	$56,200
Electrical	$72,000	$336,100
Mechanical	$49,400	$221,000
Total	**$884,800**	**$725,800**
Importance Code A	$383,300	$112,500
Importance Code B	$326,400	$613,300
Importance Code C	$175,100	
Total	**$884,800**	**$725,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$18,900			
Interior Architecture	$45,900			$9,700
Electrical	$11,600	$8,700	$10,000	$8,300
Mechanical	$52,600	$11,700	$20,600	$12,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$134,000**	**$25,300**	**$35,600**	**$35,500**
Importance Code A	$26,900	$8,100	$7,900	$7,900
Importance Code B	$97,300	$17,200	$27,700	$27,600
Importance Code C	$9,700			
Total	**$134,000**	**$25,300**	**$35,600**	**$35,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H. S. - BK
Asset # : 681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	20%			LIFE	* *	5	$23,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	75%	Now	$267,900	LIFE	* *	5	$88,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Facade								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Stair								
Masonry: Limestone	5%			LIFE	* *	5	$4,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$63,500	2039	* *	5	$15,200	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$1,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	80%	Now	$12,900	LIFE	* *	5	$4,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Built-Up (BUR)	75%	Now	$51,900	2028	* *			
Air/Water Blisters, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Copper/Terne	5%			2051	* *	10	$6,300	
IRMA/Protected Membrane	15%	Now	$6,000	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sloped Glazing	5%			LIFE	* *	5	$33,600	
Interior								

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H. S. - BK
Asset # : 681

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$26,200	
Ceramic Tile	5%			2032	* *	5	$6,000	
Marble Panels	5%	Now	$43,400	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Steps								
Quarry Tile	5%			2036	* *	5	$9,000	
Vinyl Tile	65%	2-4	$33,100	2028	* *	3	$29,200	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Cafeteria								
Wood	10%	4+	$39,500	2051	* *	5	$11,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2032	* *	5	$7,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$6,000	
Gypsum Board	10%			LIFE	* *	5	$9,000	
Masonry: Brick	10%	Now	$175,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Plaster	10%	Now	$6,000	LIFE	* *	5	$4,500	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Library, Rooms 408 And 503								
Plaster	50%			LIFE	* *	5	$22,500	
Ceilings								
AcousTile,Adhered	10%			2036	* *	5	$12,000	
AcousTileSusp.Lay-In	5%			2036	* *	5	$6,000	
Exposed Struc: Steel	5%	Now	$63,100	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room Vaulted Ceilings								
Metal Panel	5%			LIFE	* *	5	$7,500	
Plaster	75%	Now	$59,000	LIFE	* *	5	$56,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H. S. - BK
Asset # : 681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	$400	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	$2,300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	$27,400	
Generators								
Diesel	100%			2032	* *	1	$34,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Roof								
Explanation : One 188 Kva Kohler								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$3,300	
Fuel Storage								
Day Tank	50%			2031	* *	5	$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Roof								
Explanation : One 50 Gals								
Main Tank	50%	Now	$100	2038	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 468 Gals - Fuel Pump Not Functioning								
Lighting								
Interior Lighting								
Fluorescent	98%			2028	* *	10	$72,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	2%			2023	$12,800	10	$100	

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H. S. - BK
Asset # : 681

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$336,100	10	$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2028	* *	1	$6,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$16,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank Of 10,000 Gals								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$79,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$3,900	
Terminal Devices								
Air Handler	25%			2023	$108,000	1	$12,400	
Convector/Radiator	70%			2028	* *	1	$18,100	
Fan Coil Unit/Heat	5%			2023	$60,000	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2018	$49,400	1		
No Component	70%							
Ventilation								

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DEPARTMENT OF EDUCATION - 040
TEACHERS PREPARATORY H. S. - BK
Asset # : 681

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$34,600	LIFE	* *	2-5	$44,700	
Inadequate Supply, Extent : Moderate, Area Affected : 100%								
Location : Dance Room								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement Fan Room								
Explanation : Big Opening At The Duct To Gymnasium								
Exhaust Fans								
Interior	60%			2023	$53,100	2	$1,500	
Roof	40%			2023	$25,500	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		
Galv Iron/Steel	80%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$18,600	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$5,600	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Backups When It Rains								
Sump Pump(s)								
Rigid Piping	100%			2028	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2023	$7,800	1	$4,900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-5								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **TELECOMMUN. ARTS & TECH H.S. -BK**
Address : **350 67TH STREET @FOURTH AVE.**
Borough : **BROOKLYN**
Agency's Number : **K485**
Program / Asset # : **BOE0637.000 / 687**
Yr Built/Renovated : **1915 / 2012**
Area Sq Ft : **118,000**
Project Type : **EDUCATION**
Date of Survey : **10-Feb-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,p**
Block : **5850** **Lot** : **30** **BIN** : **3144482**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$138,200	$327,000
Interior Architecture	$751,200	$118,200
Electrical	$633,000	$567,100
Total	**$1,522,400**	**$1,012,200**
Importance Code A	$138,200	$327,000
Importance Code B	$1,168,200	$646,500
Importance Code C	$216,100	$38,700
Total	**$1,522,400**	**$1,012,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$10,600	$21,400		$2,000
Interior Architecture	$112,800	$12,400	$7,900	$6,000
Electrical	$15,200	$13,800	$11,500	$11,700
Mechanical	$37,600	$60,800	$44,700	$25,100
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$190,900**	**$123,300**	**$79,000**	**$59,600**
Importance Code A	$21,100	$32,200	$10,500	$12,500
Importance Code B	$169,900	$91,100	$68,500	$47,100
Importance Code C				
Total	**$190,900**	**$123,300**	**$79,000**	**$59,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$24,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	88%			LIFE	* *	5	$138,100	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$2,400	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$3,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	5%			2043	* *	5-10	$54,000	
Windows								
Aluminum	82%	Now	$138,200	2039	* *	5	$16,500	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Aluminum	10%			2045	* *	5	$4,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$500	
Metal Louvers	3%			2032	* *	10	$7,500	
Wood	3%	Now	$4,500	2031	* *	5	$6,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$6,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$900	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal: Cage/Fence	5%	2-4	$400	2028	* *	5	$1,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium Roof								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Over Auditorium Roof								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
IRMA/Protected Membrane	10%			2028	* *	10	$6,700	
Paver Block Ballast, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Flat Roofs								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	15%	0-2	$5,700	2036	* *			
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Attic								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Attic								
Paver: Asphalt	25%			2026	$149,600	10	$25,000	
Other Observation, Extent : Moderate, Area Affected : 66%								
Location : Throughout								
Explanation : Repairs In Progress								
Slate	50%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 66%								
Location : Throughout								
Explanation : Repairs In Progress								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	2%			LIFE	* *	5	$7,000	
Ceramic Tile	3%	Now	$9,200	2032	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Repairs In Progress Throughout								
Quarry Tile	3%			2036	* *	5	$7,200	
Terrazzo	2%	Now	$14,800	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Repairs In Progress Throughout								
Vinyl Tile	30%	Now	$405,400	2033	* *	3	$17,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	30%			2028	* *	3	$17,900	
Vinyl Tile	10%			2031	* *	3	$6,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	5%			2058	* *	5	$14,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Wood	15%	Now	$78,600	2051	* *	5	$22,300	
Dry Rot/Decay, Extent : Moderate, Area Affected : 40%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	3%	Now	$164,300	2038	* *	5	$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Glass: Single Pane	2%			LIFE	* *	5	$3,000	
Glazed Ceramic Panel	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Wing								
Gypsum Board	15%			LIFE	* *	5	$17,900	
Gypsum Board	10%			LIFE	* *	5	$11,900	
Marble Panels	2%			LIFE	* *			
Plaster	65%	Now	$51,700	LIFE	* *	5	$38,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2028	* *	5	$9,900	
AcousTileSusp.Lay-In	50%	Now	$32,100	2036	* *	5	$39,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	5%	Now	$51,100	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Ash Hoist								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Ash Hoist								
Explanation : Corroded Steel Beams								
Gypsum Board	15%	Now	$12,100	LIFE	* *	5	$29,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$9,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	5%	Now	$13,300	LIFE	* *	5	$9,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Plaster	15%	Now	$31,300	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	90%			2033	* *	5	$500	
Fused Disc Sw	10%			2049	* *	5	$100	
Raceway								
Conduit	90%			2033	* *	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2031	* *	5	$300	
Fused Disc Sw	5%			2045	* *	5	$100	
Molded Case Bkrs	75%			2031	* *	5	$2,300	
Molded Case Bkrs	10%			2045	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	$149,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	40%			2033	* *	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	$36,300	
Generators								
Diesel	100%			2026	$121,400	1	$45,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 150 Kva								
Batteries								
Lead/Acid	100%			2017	$1,500	5	$4,400	
Fuel Storage								
Day Tank	50%			2031	* *	5	$9,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2038	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gals								
Lighting								
Interior Lighting								
Fluorescent	10%			2031	* *	10	$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	84%			2028	* *	10	$81,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	3%			2023	$25,400	10	$100	
Incandescent	3%			2018	$35,400	2	$100	

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	35%			2028	* *	1		
Emergency, Service	10%			2031	* *	1		
Emergency, Battery	5%			2023	$7,200	10	$1,300	
Exit, LED	10%			2058	* *	1		
Exit, Service	40%			2023	$11,500	1		
Exterior Lighting								
HID	100%			2023	$445,700	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$13,200	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2018	$366,700	1-3	$21,800	

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$105,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	$7,900	
Terminal Devices								
Air Handler	20%			2031	* *	1	$13,100	
Convector/Radiator	80%			2036	* *	1	$27,400	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2031	* *	1	$24,600	
Recent Installation, Extent : Light, Area Affected : 50%								
Location : Outside The Building								
Window/Wall Unit	10%			2018	$21,800	1		
No Component	40%							
Distribution								
Chilled Wtr Pipe/Pump	50%			2049	* *	4	$3,900	
No Component	50%							

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DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	50%			2028	* *	1	$32,800	
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%			2031	* *	2	$37,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$59,200	
Exhaust Fans								
Interior	100%			2031	* *	2	$3,300	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
Water Heater								
Gas Fired	100%			2021	$24,700	2	$1,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2028	* *	1	$6,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	66%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 66%								
Location : B To 5th Floor								
Explanation : 2 Units								
Hydraulic	34%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 34%								
Location : B To 1								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$53,500	
Sprinkler								
No Component	90%							
Generic	10%			2043	* *	1-2	$3,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TELECOMMUN. ARTS & TECH H.S. -BK
Asset # : 687

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%			2032	* *	1	$19,800	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **THE HERITAGE H.S. - M**		
Address	: **1680 LEXINGTON AVENUE @ E.105 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **LEASE-M680**
Program / Asset #	: **BOE1074.000 / 14420**	**Yr Built/Renovated**	: **1879 /**
Area Sq Ft	: **18,049**	**Project Type**	: **EDUCATION**
Date of Survey	: **04-Jan-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 3,4,5**		
Block	: **1633** **Lot** : **13**	**BIN**	: **1051991**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		$68,200
Total		**$68,200**
Importance Code B		$68,200
Total		**$68,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture		$22,500		
Electrical	$1,200	$20,100	$1,600	$1,200
Mechanical	$3,900	$10,500	$9,300	$3,500
Elevators/Escalators	$5,900	$5,900	$5,900	$5,900
Total	**$11,100**	**$59,100**	**$16,800**	**$10,700**
Importance Code A	$1,800	$1,800	$1,800	$1,800
Importance Code B	$9,300	$57,300	$15,000	$8,900
Importance Code C				
Total	**$11,100**	**$59,100**	**$16,800**	**$10,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE HERITAGE H.S. - M

Asset # : 14420

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$5,900	
Quarry Tile	5%			2028	* *	5	$2,000	
Wood	85%			2038	* *	5	$43,100	
Interior Walls								
Masonry: Brick	5%			LIFE	* *			
Plaster	95%			LIFE	* *	5	$7,100	
Ceilings								
Embossed Metal	100%			LIFE	* *	5	$12,200	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 800 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	* *	5	$100	
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Molded Case Bkrs	100%			2031	* *	5	$500	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	10	$14,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	8%			2028	* *	10	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : T-5 Lamps								
Fluorescent	2%			2028	* *	10	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lighting Fixtures								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040

THE HERITAGE H.S. - M

Asset # : 14420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$2,200	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$68,200	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways, Outside Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic	100%			2028	* *	1-3	$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Manual Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2043	* *	5	$5,600	
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	$17,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%			2043	* *	4	$900	
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$5,800	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$18,600	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,100	
Exhaust Fans								
Roof	100%			2031	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE HERITAGE H.S. - M

Asset # : 14420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2018	$4,200	2	$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$1,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	$9,100	
Sprinkler								
Generic	100%			2033	* *	1-2	$5,100	
Fire Pump								
Generic	100%			2032	* *	1	$3,400	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **THE LT. CURTIS MEYRAN & JOHN BELLEW EDUCAT. COMPLEX - BX**
Address : **1640 BRONXDALE AVE. @ VAN NEST AVE**
Borough : **BRONX**
Agency's Number : **X498**
Program / Asset # : **BOE1121.000 / 14577**
Yr Built/Renovated : **2010 /**
Area Sq Ft : **123,000**
Project Type : **EDUCATION**
Date of Survey : **27-Apr-2015**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,3,5**
Block : **4091** **Lot** : **1**
BIN : **2116414**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$184,600	$174,500
Interior Architecture	$90,400	$114,300
Electrical		$112,800
Total	**$275,000**	**$401,600**
Importance Code A	$184,600	$174,500
Importance Code B		$177,800
Importance Code C	$90,400	$49,300
Total	**$275,000**	**$401,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$62,700	$12,800		
Interior Architecture	$76,300	$2,800	$34,900	
Electrical	$14,500	$17,400	$9,900	$9,900
Mechanical	$53,500	$13,000	$54,800	$13,000
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$216,900**	**$55,900**	**$109,500**	**$32,800**
Importance Code A	$63,000	$12,800		
Importance Code B	$145,400	$43,100	$92,400	$32,800
Importance Code C	$8,500		$17,100	
Total	**$216,900**	**$55,900**	**$109,500**	**$32,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN & JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$58,000	
Masonry: Brick	90%			LIFE	* *	5	$208,700	
Metal/Glass Curt Wall	5%			LIFE	* *	5	$21,700	
Windows								
Aluminum	100%			2048	* *	5	$25,600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$94,000	
Masonry: Limestone	10%			LIFE	* *	5-10	$18,600	
Roof								
Cast in Place Concrete	5%			LIFE	* *	10	$6,100	
IRMA/Protected Membrane	95%			2034	* *	10	$70,100	
Interior								
Floors								
Carpet	1%			2027	* *	3	$2,100	
Cast in Place Concrete	5%			LIFE	* *	5	$30,600	
Ceramic Tile	5%			2039	* *	5	$7,000	
Quarry Tile	2%			2043	* *	5	$4,200	
Terrazzo	5%	2-4	$16,300	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5% Location : Throughout								
Vinyl Tile	82%			2034	* *	3	$43,000	
Interior Walls								
Ceramic Tile	25%			2039	* *	5	$34,200	
Concrete Masonry Unit	5%	2-4	$3,000	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2% Location : Throughout								
Gypsum Board	60%			LIFE	* *	5-10	$139,600	
Masonry: Brick	5%			LIFE	* *	10	$2,100	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$3,400	
Ceilings								
AcousTileSusp.Lay-In	93%	Now	$21,000	2043	* *	5	$65,000	
Water Penetration, Extent : Light, Area Affected : 5% Location : Throughout								
Embossed Metal	2%			LIFE	* *	5	$2,500	
Exposed Struc: Steel	5%			LIFE	* *	10	$14,000	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN & JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2052	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2052	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	10%			2048	* *	5	$300	
Molded Case Bkrs	90%			2048	* *	5	$2,900	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	50%			2043	* *	5	$400	
Variable Frequency Drive	50%			2043	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : All Rtu Contrcllers Monitored By Bms								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$37,800	
Generators								
Diesel	100%			2039	* *	1	$47,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Generator Room								
Explanation : One 400 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$4,600	
Fuel Storage								
Day Tank	50%			2048	* *	5	$11,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Outside								
Explanation : One 275 Gals								
Main Tank	50%			2061	* *	5	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Underground								
Explanation : One 550 Gals								

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DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN & JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$108,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2034	* *	10	$4,500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Auditorium								
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, LED	40%			2061	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$400	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$3,600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,800	
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Cooling With Refrigerant 410 C, Heating With Built In Gas Furnace, And Ventilation Through Unit Louvers								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$200,000	
Ventilation								

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DEPARTMENT OF EDUCATION - 040

THE LT. CURTIS MEYRAN & JOHN BELLEW EDUCAT. COMPLEX - BX

Asset # : 14577

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$10,900	
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : A C Unit								
Explanation : Covered Under A C System								
Exhaust Fans								
Roof	10%			2036	* *	2	$400	
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : A C System								
Explanation : Covered Under A C System								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater								
Gas Fired	100%			2025	$28,600	2	$1,800	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2034	* *	1	$7,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : First : Fifth Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$34,500	
Fire Pump								
Generic	100%			2039	* *	1	$23,000	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**THE METROPOLITAN HIGH SCHOOL -BX**			
Address	:	**1180 JAMES A. POLITE AVE. BTWN: E.167 ST. - HOME ST.**			
Borough	:	**BRONX**	**Agency's Number**	:	**X248**
Program / Asset #	:	**HRA0048.000 / 1946**	**Yr Built/Renovated**	:	**1941 / 2015**
Area Sq Ft	:	**84,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**29-Apr-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**2692** **Lot** : **14**	**BIN**	:	**2005276**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$505,900	$285,200
Interior Architecture	$135,300	$41,700
Electrical		$144,100
Mechanical		$176,600
Total	**$641,300**	**$647,700**
Importance Code A	$505,900	$285,200
Importance Code B	$73,000	$362,500
Importance Code C	$62,300	
Total	**$641,300**	**$647,700**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$5,100			
Interior Architecture	$112,700	$13,900	$7,200	$13,500
Electrical	$11,900	$8,000	$9,400	$9,500
Mechanical	$64,500	$25,400	$23,300	$18,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$198,100**	**$51,300**	**$43,900**	**$45,300**
Importance Code A	$27,700	$7,400	$7,400	$7,400
Importance Code B	$108,500	$43,900	$36,600	$32,800
Importance Code C	$61,900			$5,200
Total	**$198,100**	**$51,300**	**$43,900**	**$45,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	$38,600	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Building Base								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Masonry: Brick	85%			LIFE	* *	5	$232,600	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$10,300	
Metal Panel	5%			2036	* *	5-10	$47,000	
Windows								
Aluminum	95%	Now	$229,800	2042	* *	5	$13,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%	Now	$40,500	2051	* *	5	$7,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Stair(s), Basement								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Stair(s), Basement								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stair(s), Basement								
Parapets								
Metal Rail	90%			2043	* *	5-10	$205,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal: Cage/Fence	10%			2031	* *	5-10	$9,800	
Roof								
Built-Up (BUR)	75%			2034	* *	10	$44,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
IRMA/Protected Membrane	20%			2034	* *	10	$11,800	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Gymnasium								
Metal Panel	5%			2043	* *	10	$5,400	
Interior								

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DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%			2022	$142,000	3	$22,300	
Cast in Place Concrete	10%			LIFE	* *	5	$48,700	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Ground Water								
Ceramic Tile	5%			2035	* *	5	$5,600	
Quarry Tile	2%			2039	* *	5	$3,300	
Terrazzo	3%			LIFE	* *	5	$5,200	
Vinyl Tile	25%			2034	* *	3	$10,400	
Vinyl Tile	15%			2031	* *	3	$6,300	
Wood	30%			2041	* *	5	$62,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$25,700	
Ceramic Tile	5%			2035	* *	5	$10,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,200	
Glass: Single Pane	3%			LIFE	* *	5	$9,300	
Granite Panels	2%			LIFE	* *	10	$1,600	
Plaster	55%			LIFE	* *	5-10	$96,300	
SGFT/Glazed Masonry	25%			LIFE	* *	10	$25,700	
Ceilings								
AcousTileSusp.Lay-In	25%			2043	* *	5	$27,800	
Exposed Concrete	15%			LIFE	* *	5-10	$20,900	
Plaster	60%			LIFE	* *	5-10	$114,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 2500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$400	
Raceway								
Conduit	30%			2026	$51,800	1		
Conduit	70%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5	$100	
Molded Case Bkrs	95%			2042	* *	5	$2,100	
Wiring								
Thermoplastic	100%			2046	* *	1		

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Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	90%			2039	* *	5	$500	
Locally Mounted	10%			2024	$9,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$25,800	
Generators								
Diesel	100%			2035	* *	1	$32,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated @ 255kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$3,100	
Fuel Storage								
Main Tank	100%			2054	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	96%			2031	* *	10	$65,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	1%			2031	* *	10	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Lights								
Fluorescent	2%			2026	$16,500	10	$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
HID	1%			2031	* *	10		
Egress Lighting								
Emergency, Service	45%			2031	* *	1		
Emergency, Battery	5%			2026	$5,000	10	$900	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$300	
Alarm								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
No Component	30%							
Generic	70%			2031	* *	1	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : Cctv Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns And Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$23,000	
Buried Tank(s), Extent : Light, Area Affected : 100%								
Location : Yard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Yard								
Explanation : 2 - 5000 Gallon Tanks								
Conversion Equipment								
Steam Boiler	100%	Now	$22,600	2039	* *	1	$66,300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Side Of The #2 Boiler.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Dual Fuel Steam Boilers (Gas Supply System Never Been Completed).5 Furnaces On Roof Never Been Used.								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$3,700	
Terminal Devices								
Air Handler	25%	Now	$10,000	2026	$100,200	1	$10,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Defective Temperature Control System, Basement Fan Room								
Convector/Radiator	75%			2031	* *	1	$18,000	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2021	$76,400	1		
No Component	50%							
Ventilation								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE METROPOLITAN HIGH SCHOOL -BX
Asset # : 1946

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$65,600	
Exhaust Fans								
Interior	75%			2026	$34,600	2	$1,700	
Roof	25%			2026	$14,800	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$17,300	2	$1,100	
HW Heat Exchanger								
Low Temp	100%			2026	$23,100	4	$11,000	
Obsolete Equipment, Extent : Light, Area Affected : 100%								
Location : Basement, Unit Abandoned In Place								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	$4,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Through 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$37,500	
Sprinkler								
No Component	95%							
Generic	5%			2046	* *	1-2	$1,000	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **THE NEWCOMERS SCHOOL - Q**				
Address	: **28-01 41 AVE.**				
Borough	: **QUEENS**		**Agency's Number**	: **Q555**	
Program / Asset #	: **BOE0878.000 / 1471**		**Yr Built/Renovated**	: **1905 / 2009**	
Area Sq Ft	: **153,300**		**Project Type**	: **EDUCATION**	
Date of Survey	: **29-Oct-2013**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Basement, Roof, Floors 1,3,4**				
Block	: **404**	**Lot** : **1**	**BIN**	: **4004874**	

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$104,100	$305,700
Interior Architecture	$472,000	$975,000
Electrical	$1,430,000	$2,292,200
Mechanical	$285,500	$1,586,900
Total	**$2,291,500**	**$5,159,800**
Importance Code A	$171,300	$1,010,900
Importance Code B	$2,007,700	$4,093,300
Importance Code C	$112,500	$55,700
Total	**$2,291,500**	**$5,159,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,400			
Interior Architecture	$47,300	$3,400	$3,100	$40,500
Electrical	$23,000	$400	$1,500	$2,000
Mechanical	$46,800	$23,900	$35,300	$86,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$124,500**	**$31,600**	**$43,800**	**$132,400**
Importance Code A	$3,400	$13,700	$13,700	$14,000
Importance Code B	$121,100	$18,000	$30,200	$118,400
Importance Code C				
Total	**$124,500**	**$31,600**	**$43,800**	**$132,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE NEWCOMERS SCHOOL - Q

Asset # : 1471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$151,100	
Copper/Terne	2%			2045	* *	10	$9,100	
Masonry: Brick	10%			LIFE	* *	5	$19,300	
Masonry: Brick	70%			LIFE	* *	5	$135,300	
Masonry: Limestone	5%			LIFE	* *	5	$7,300	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Stucco Cement	3%	2-4	$3,400	2030	* *	5	$7,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Windows								
Aluminum	100%			2041	* *	5	$50,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$9,000	
Masonry: Brick	90%			LIFE	* *	5	$10,400	
Roof								
Built-Up (BUR)	100%			2030	* *	10	$104,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$22,600	
Ceramic Tile	3%			2034	* *	5	$6,200	
Marble Panels	2%			LIFE	* *	5	$3,100	
Terrazzo	2%			LIFE	* *	5	$3,200	
Traffic Topping	8%	Now	$51,200	2030	* *	5	$10,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Third Floor Corridor								
Vinyl Tile	13%			2033	* *	3	$10,100	
Vinyl Tile	47%	Now	$41,300	2025	$825,100	3	$36,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Third Floor								
Vinyl Tile 9" X 9"	10%	Now	$227,400	2035	* *	3	$7,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	10%	Now	$34,000	2040	* *	5	$19,400	
Dry Rot/Decay, Extent : Light, Area Affected : 5%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE NEWCOMERS SCHOOL - Q
Asset # : 1471

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	5%	Now	$71,200	2028	* *	5	$6,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Lockers, Stairs								
Masonry: Brick	8%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	10%	Now	$41,400	LIFE	* *	5	$7,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Plaster	62%			LIFE	* *	5	$48,000	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTile,Adhered	25%			2030	* *	5	$51,600	
Exposed Concrete	2%	Now	$13,300	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Second Floor Gymnasium Balcony								
Plaster	73%	Now	$39,600	LIFE	* *	5	$94,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair 2 & 3, Both Gymnasiums								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair 2 & 3, Both Gymnasiums								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2045	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 1600 Amperes								
Fused Disc Sw	40%			2025	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Service Protectors - No Ratings Available								
Fused Disc Sw	40%			2025	$16,800	5	$300	
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Electrical Room								
Explanation : Two 1600 Amps Main Disconnect Switch								

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DEPARTMENT OF EDUCATION - 040

THE NEWCOMERS SCHOOL - Q

Asset # : 1471

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2045	* *	5	$300	
Molded Case Bkrs	50%			2025	$110,000	5	$2,000	
Raceway								
Conduit	80%			2025	$198,000	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5	$200	
Fused Disc Sw	10%			2024	$22,400	5	$400	
Molded Case Bkrs	65%			2024	$145,700	5	$2,600	
Molded Case Bkrs	20%			2041	* *	5	$800	
Wiring								
Braided Cloth	85%	2-4	$295,300	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2045	* *	1		
Motor Controllers								
Locally Mounted	75%			2023	$86,300	5	$800	
Locally Mounted	20%	0-2	$23,000	2045	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Mech Room								
Locally Mounted	5%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$1,501,600	10	$124,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
HID	2%			2025	$22,000	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Metal Halide, Sodium								
Egress Lighting								
Emergency, Battery	50%			2025	$93,000	10	$16,600	
Exit, Service	50%			2025	$18,600	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exterior Lighting								
HID	100%			2020	$579,000	10	$500	
Alarm								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2020	$555,700			

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DEPARTMENT OF EDUCATION - 040

THE NEWCOMERS SCHOOL - Q

Asset # : 1471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2025	$339,700	5	$42,700	
Conversion Equipment								
Steam Boiler	100%	Now	$67,200	2023	$671,500	1	$122,900	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : #3 Boiler, Due To Leaking								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Excess Returns Have To Be Dumped Into Sewer								
Explanation : 3 Units. Boiler Feed Tank Too Small For 3 Units								
Distribution								
Steam Piping/Pump	100%	Now	$48,200	2035	* *	4	$6,800	
Leak Evident, Extent : Light, Area Affected : 40%								
Location : Traps Not Holding								
Terminal Devices								
Air Handler	25%			2025	$185,900	1	$21,300	
Convector/Radiator	75%			2030	* *	1	$33,400	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2025	$127,300	2	$1,700	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	60%			2020	$170,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$23,800	LIFE	* *	2-5	$76,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exhaust Fans								
Interior	90%			2025	$137,200	2	$3,800	
Roof	10%			2020	$11,000	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2035	* *	1		
Galv Iron/Steel	20%			2023	$82,400	1		
Water Heater								
Gas Fired	100%			2023	$32,100	2	$2,000	
HW Heat Exchanger								
Low Temp	100%			2025	$42,800	4	$20,500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE NEWCOMERS SCHOOL - Q

Asset # : 1471

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Electric	100%			2030	* *	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sub B, B, 1-4								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2051	* *	1-2	$1,900	
Chemical System								
Generic	100%			2020	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **THE WILLIE ELLA PASCHAL BOWMAN CAMPUS**		
Address	: **3500 EDSON AVENUE @ BOSTON RD**		
Borough	: **BRONX**	**Agency's Number**	: **X169**
Program / Asset #	: **BOE1099.000 / 14450**	**Yr Built/Renovated**	: **2009 /**
Area Sq Ft	: **47,238**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Apr-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,3,4**		
Block	: **4894** **Lot** : **1**	**BIN**	: **2116222**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		$47,000
Electrical		$46,000
Total		**$93,000**
Importance Code B		$46,000
Importance Code C		$47,000
Total		**$93,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,200			$4,000
Interior Architecture	$27,400	$14,900		$800
Electrical	$1,200	$400	$400	$600
Mechanical	$15,100	$10,900	$14,600	$15,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$54,900**	**$34,200**	**$22,900**	**$28,600**
Importance Code A	$5,500	$2,700	$2,200	$6,700
Importance Code B	$49,400	$26,200	$20,700	$21,900
Importance Code C		$5,200		
Total	**$54,900**	**$34,200**	**$22,900**	**$28,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$24,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$4,200	
Windows								
Aluminum	100%			2047	* *	5	$6,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$3,600	
Pre-Cast Concrete	5%			LIFE	* *	5	$1,200	
Roof								
Copper/Terne	5%			2060	* *	10	$4,000	
IRMA/Protected Membrane	95%			2033	* *	10	$30,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Single Ply Rubber Membrane Under Insulation								
Interior								
Floors								
Carpet	2%			2026	$19,200	3	$3,000	
Cast in Place Concrete	5%			LIFE	* *	5	$8,200	
Ceramic Tile	5%			2038	* *	5	$3,800	
Quarry Tile	5%			2042	* *	5	$5,600	
Vinyl Tile	83%			2033	* *	3	$23,400	
Interior Walls								
Ceramic Tile	10%			2038	* *	5	$10,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,200	
Glass: Single Pane	2%			LIFE	* *	5	$1,600	
Gypsum Board	75%			LIFE	* *	5	$47,000	
Masonry: Brick	3%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	65%			2042	* *	5	$47,700	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	$23,000	
Metal Panel	5%			LIFE	* *	5	$4,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 3000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	10%			2047	* *	5	$100	
Molded Case Bkrs	90%			2047	* *	5	$1,100	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Ground Floor								
Lighting								
Interior Lighting								
Fluorescent	95%			2033	* *	10	$43,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2033	* *	10	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : Compact Fluorescent Lamps								
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	$6,100	
Exit, Service	50%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2060	* *	5	$300	
Alarm								
Security System								
No Component	75%							
Generic	25%			2033	* *	1	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm And Cctv Surveillance Camera System								
Fire/Smoke Detection								
No Component	65%							
Generic, Analog	35%			2033	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THE WILLIE ELLA PASCHAL BOWMAN CAMPUS
Asset # : 14450

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2045	* *	1		
Natural Gas	90%			2045	* *	1		
Conversion Equipment								
Furnace	90%			2030	* *	1	$22,300	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Roof								
Explanation : 4 Units (1 Large + 3 Small)								
Radiant Heater	10%			2030	* *	2	$2,300	
Terminal Devices								
Convector/Radiator	90%			2038	* *	1	$14,600	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2030	* *	2	$2,800	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$28,000	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2023	$11,700	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Explanation : 1 Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2030	* *	1	$3,100	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-4								
Explanation : 2 Units								
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THE WILLIE ELLA PASCHAL BOWMAN CAMPUS

Asset # : 14450

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$14,000	
Fire Pump								
Generic	100%			2034	* *	1	$9,400	
Chemical System								
Generic	100%			2023	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **THEODORE ROOSEVELT H.S. - BX**
Address : **500 E. FORDHAM RD. BTWN: WASHINGTON AV -BATHGATE AV**
Borough : **BRONX** **Agency's Number** : **X435**
Program / Asset # : **BOE0326.000 / 356** **Yr Built/Renovated** : **1932 / 2000**
Area Sq Ft : **319,000** **Project Type** : **EDUCATION**
Date of Survey : **23-Aug-2011** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,3,5,p**
Block : **3059** **Lot** : **1** **BIN** : **2011810**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,041,500	$1,331,700
Interior Architecture	$2,148,300	$2,499,700
Electrical	$3,963,400	$1,880,700
Mechanical	$1,689,800	$7,869,200
Total	**$8,842,900**	**$13,581,300**
Importance Code A	$1,041,500	$2,924,300
Importance Code B	$6,448,500	$9,902,300
Importance Code C	$1,353,000	$754,700
Total	**$8,842,900**	**$13,581,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$70,900	$6,200		
Interior Architecture	$76,300			$14,100
Electrical	$7,300	$30,100	$9,200	$11,200
Mechanical	$53,500	$57,400	$90,000	$51,600
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$217,800**	**$103,600**	**$109,100**	**$86,800**
Importance Code A	$102,000	$37,800	$31,300	$31,100
Importance Code B	$82,900	$65,700	$77,800	$55,700
Importance Code C	$32,900			
Total	**$217,800**	**$103,600**	**$109,100**	**$86,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$147,800	
Copper/Terne	3%	Now	$54,100	2043	* *			
Seams Open/Split, Extent : Severe, Area Affected : 10%								
Location : Tower								
Masonry: Brick	50%			LIFE	* *	5	$94,600	
Masonry: Brick	31%	Now	$354,000	LIFE	* *	5	$58,700	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 30%								
Location : At Glass Block Windows								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout Fifth Floor								
Masonry: Limestone	5%			LIFE	* *	5	$7,100	
Metal Coiling Doors	1%			2036	* *	5	$5,900	
Windows								
Glass Block	2%			LIFE	* *	5	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Wood	23%	Now	$203,000	2031	* *	5	$90,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Wood	75%			2039	* *	5	$589,700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$10,600	
Copper/Terne	5%	Now	$3,000	2043	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%	Now	$29,800	LIFE	* *	5	$10,300	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	10%			2028	* *	5-10	$10,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	35%	Now	$25,900	2023	$259,000			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : East And West Wings								
Copper/Terne	24%			2038	* *	10	$96,900	
Copper/Terne	5%	Now	$10,800	2051	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Tower								
IRMA/Protected Membrane	30%	Now	$38,600	2023	$386,400			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout East And West Wings								
Modified Bitumen	3%	Now	$1,400	2028	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	3%			2033	* *	10	$16,200	
Interior								
Floors								
Asphalt Poured	10%	0-2	$3,200	2028	* *	5	$11,800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout Stairs								
Cast in Place Concrete	20%	Now	$48,900	LIFE	* *	5	$205,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	10%	Now	$182,300	2032	* *	5	$23,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Pool								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Pool								
Ceramic Tile	3%			2026	$273,400	5	$14,100	
Terrazzo	3%	Now	$32,800	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	24%	0-2	$96,000	2023	$959,700	3	$42,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	30%			2038	* *	5	$264,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	2%	Now	$361,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 45%								
Location : Throughout Pool Wall And Sub Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 45%								
Location : Throughout Pool Wall								
Spalling, Extent : Moderate, Area Affected : 45%								
Location : Throughout Pool Wall								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout Pool Wall								
Ceramic Tile	5%	Now	$32,900	2026	$657,500	5	$11,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%	Now	$92,900	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	0-2	$38,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	60%			LIFE	* *	5	$85,800	
Plaster	8%	Now	$122,300	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout Fifth Floor								
SGFT/Glazed Masonry	10%	0-2	$738,100	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Around Pool Exit Doors								
Ceilings								
AcousTile,Adhered	10%	0-2	$7,400	2028	* *	5	$19,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	13%			LIFE	* *	5	$8,100	
Exposed Concrete	2%	Now	$153,400	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 45%								
Location : Throughout Underside Of Pool And Sub Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 25%								
Location : Throughout Underside Of Pool								
Spalling, Extent : Moderate, Area Affected : 45%								
Location : Throughout Underside Of Pool Wall								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	70%	Now	$182,500	LIFE	* *	5	$173,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$42,000	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps And One 2500 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2049	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps Main Disconnect Switch								
Fused Disc Sw	25%			2023	$21,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	80%			2023	$391,000	5	$1,100	
Fused Disc Sw	20%			2049	* *	5	$300	
Raceway								
Conduit	95%			2023	$549,100	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Disc Sw	10%			2022	$47,800	5	$700	
Molded Case Bkrs	80%			2022	$382,700	5	$6,700	
Molded Case Bkrs	10%			2045	* *	5	$800	
Wiring								
Braided Cloth	70%	2-4	$545,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2023	$155,900	1		
Thermoplastic	10%			2049	* *	1		
Motor Controllers								
Locally Mounted	77%			2021	$177,300	5	$1,700	
Locally Mounted	20%	0-2	$46,000	2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	3%			2043	* *	5	$100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fan Room								
Explanation : New Vfd Controllers								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,700	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2028	* *	10	$216,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	15%			2018	$523,500	10	$43,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Stairways, Some Class Rooms, Medical Room And Part Of Sub Basement								
Explanation : T-12 Lamps								
HID	3%			2023	$75,200	10	$300	
Incandescent	7%			2018	$244,300	2	$500	
Egress Lighting								
Emergency, Service	25%			2023	$38,600	1		
Emergency, Battery	25%			2018	$106,000	10	$19,000	
Exit, Service	50%			2018	$42,400	1		
Exterior Lighting								
HID	100%			2018	$1,204,800	10	$1,000	
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$35,700	
Fire/Smoke Detection								
No Component	70%							
Generic	30%	Now	$991,200	2033	* *	1-3	$53,600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2023	$773,900	5	$97,300	
Conversion Equipment								
Steam Boiler	100%			2021	$1,529,600	1	$311,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$43,900	2023	$2,193,900	4	$15,500	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Traps, Thermostats, Throughout								
Terminal Devices								
Air Handler	25%			2018	$423,600	1	$48,600	
Convector/Radiator	60%			2021	$1,780,800	1	$60,900	
Fan Coil Unit/Heat	15%			2018	$705,700	1	$15,200	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THEODORE ROOSEVELT H.S. - BX
Asset # : 356

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2018	$96,900	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$175,200	
Exhaust Fans								
Interior	95%			2018	$330,000	2	$9,100	
Roof	5%			2023	$12,500	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2023	$750,800	1		
Galv Iron/Steel	20%			2021	$187,700	1		
HW Heat Exchanger								
Low Temp	100%			2043	* *	4	$31,100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	Now	$3,300	2023	$11,100	4	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : 1 Out Of 2 Units In Boiler Room								
Pool Filter/Treatment								
Activated Carbon	100%			2021	$484,900	4		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2033	* *	1-5	$158,400	
Sprinkler								
No Component	95%							
Generic	5%			2033	* *	1-2	$4,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **THOMAS A. EDISON HIGH SCHOOL - Q**
Address : **165-65 84TH AVE. ABAGAIL ADAMS AVE.**
Borough : **QUEENS**
Agency's Number : **Q620**
Program / Asset # : **BOE0892.000 / 1458**
Yr Built/Renovated : **1958 / 2009**
Area Sq Ft : **239,183**
Project Type : **EDUCATION**
Date of Survey : **04-Nov-2011**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **9867** **Lot** : **2**
BIN : **4211027**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$191,500	$1,622,700
Interior Architecture	$477,100	$2,557,800
Electrical	$734,200	$2,675,000
Mechanical	$1,685,900	$1,366,900
Total	**$3,088,800**	**$8,222,400**
Importance Code A	$1,445,900	$1,664,700
Importance Code B	$1,642,900	$6,479,000
Importance Code C		$78,800
Total	**$3,088,800**	**$8,222,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$25,600	$20,500	$11,400	
Interior Architecture	$138,400			$40,500
Electrical	$24,000	$10,100	$8,300	$6,900
Mechanical	$13,600	$35,900	$57,500	$35,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$205,500**	**$70,400**	**$81,100**	**$87,200**
Importance Code A	$25,600	$46,300	$37,200	$25,500
Importance Code B	$149,700	$24,200	$44,000	$61,700
Importance Code C	$30,200			
Total	**$205,500**	**$70,400**	**$81,100**	**$87,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

THOMAS A. EDISON HIGH SCHOOL - Q

Asset # : 1458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$45,100	
Masonry: Brick	10%			LIFE	* *	5	$18,100	
Masonry: Brick	80%			LIFE	* *	5	$144,400	
Metal Coiling Doors	5%	Now	$25,600	2036	* *	5	$14,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	100%			2039	* *	5	$22,800	
Parapets								
Masonry: Brick	5%			LIFE	* *	5	$700	
Masonry: Brick	90%			LIFE	* *	5	$12,100	
No Component	5%							
Roof								
Built-Up (BUR)	20%	Now	$50,000	2028	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
IRMA/Protected Membrane	65%	Now	$141,500	2023	$1,415,100			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	10%			2033	* *	10	$27,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Paver: Asphalt	5%			2038	* *	10	$20,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Ceramic Tile	5%			2032	* *	5	$19,300	
Quarry Tile	1%	Now	$33,300	2036	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terrazzo	5%			LIFE	* *	5	$15,100	
Vinyl Tile	69%	2-4	$452,500	2023	$2,262,700	3	$99,800	
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Throughout Stair(s) And Corridors								
Vinyl Tile	15%	Now	$24,600	2028	* *	3	$21,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Wood	5%	Now	$31,800	2038	* *	5	$18,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON HIGH SCHOOL - Q
Asset # : 1458

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$30,200	2032	* *	5	$10,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	10%			LIFE	* *	5	$17,500	
Plaster	60%			LIFE	* *	5	$78,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTile,Adhered	20%	Now	$33,500	2036	* *	5	$36,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Concrete	15%			LIFE	* *	5	$8,500	
Metal Panel	15%			LIFE	* *	5	$67,600	
Plaster	50%			LIFE	* *	5	$112,700	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2023	$42,000	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2500 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2049	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	$488,700	5	$6,300	
Raceway								
Conduit	95%			2023	$549,100	1		
Conduit	5%			2049	* *	1		
Panelboards								
Fused Toggle Switch	1%	2-4	$4,800	2048	* *	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Rm., Custodian Office And Stage Auditorium								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Molded Case Bkrs	94%			2022	$449,600	5	$5,900	
Molded Case Bkrs	5%			2045	* *	5	$300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON HIGH SCHOOL - Q
Asset # : 1458

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	65%	2-4	$506,800	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2023	$233,900	1		
Thermoplastic	5%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2021	$230,200	5	$1,600	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	20%			2023	$572,400	10	$47,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	72%			2028	* *	10	$170,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2031	* *	10	$7,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Auditorium								
Explanation : T-5 Lamps								
HID	3%			2023	$61,700	10	$300	
Incandescent	2%			2018	$57,200	2	$100	
Egress Lighting								
Emergency, Service	40%			2028	* *	1		
Exit, Service	60%			2028	* *	1		
Exterior Lighting								
Not Accessible	100%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2028	* *	1	$26,800	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2028	* *	1-3	$44,200	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040

THOMAS A. EDISON HIGH SCHOOL - Q

Asset # : 1458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 6	100%			2033	* *	5	$79,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units Of 15,000 Gals Each								
Conversion Equipment								
Steam Boiler	100%	0-2	$1,254,400	2043	* *	1	$229,700	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units								
Distribution								
Steam Piping/Pump	100%	Now	$90,000	2049	* *	4	$12,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Terminal Devices								
Air Handler	20%			2023	$277,900	1	$31,900	
Convector/Radiator	60%			2028	* *	1	$49,900	
Fan Coil Unit/Heat	20%	Now	$38,600	2023	$771,700	1	$15,000	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Thermostats / Controls, Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2018	$211,900	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$143,700	
Exhaust Fans								
Interior	75%			2023	$213,600	2	$5,900	
Roof	25%			2018	$51,200	2	$2,000	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		
HW Heat Exchanger								
Low Temp	100%	Now	$4,000	2033	* *	4	$25,500	
Corroded, Extent : Light, Area Affected : 50%								
Location : One Heat Exchanger								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Not Energy Efficient								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
THOMAS A. EDISON HIGH SCHOOL - Q
Asset # : 1458

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2023	$11,100	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2033	* *	1-2	$1,400	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **THOMAS JEFFERSON HIGH SCHOOL -BK**
Address : **400 PENNSYLVANIA AVE. @ DUMONT AVE.**
Borough : **BROOKLYN** **Agency's Number** : **K435**
Program / Asset # : **BOE0627.000 / 1224** **Yr Built/Renovated** : **1924 / 2013**
Area Sq Ft : **221,000** **Project Type** : **EDUCATION**
Date of Survey : **14-Jul-2014** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Floors 1,5,5M**
Block : **3788** **Lot** : **1** **BIN** : **3084440**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$695,800	$482,800
Interior Architecture	$1,244,800	$1,078,900
Electrical	$735,700	$2,355,700
Mechanical	$547,300	$1,437,800
Total	**$3,223,500**	**$5,355,100**
Importance Code A	$695,800	$566,800
Importance Code B	$2,085,900	$4,700,200
Importance Code C	$441,800	$88,100
Total	**$3,223,500**	**$5,355,100**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$9,600			$3,800
Interior Architecture	$32,600	$31,600	$13,800	$1,900
Electrical	$25,600	$2,500	$4,000	$27,400
Mechanical	$33,900	$29,100	$44,400	$29,100
Elevators/Escalators	$14,800	$14,800	$14,800	$14,800
Total	**$116,500**	**$77,900**	**$77,000**	**$76,800**
Importance Code A	$29,300	$19,700	$19,700	$23,900
Importance Code B	$56,400	$58,200	$57,300	$52,900
Importance Code C	$30,800			
Total	**$116,500**	**$77,900**	**$77,000**	**$76,800**

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Copper/Terne	2%			2045	* *	10	$13,800	
Masonry: Brick	88%	Now	$390,200	LIFE	* *	5	$258,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Bulkheads								
Patching Evident, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Rooftop Bulkheads								
Water Penetration, Extent : Moderate, Area Affected : 8%								
Location : Rooftop Bulkheads, Basement, North Side Of Boiler Room								
Masonry: Limestone	5%	Now	$178,300	LIFE	* *	5	$11,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads At Stairs								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$48,600	LIFE	* *	5	$47,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Facade - Pool Vault- South East Corner								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : East Facade, Basement Window Openings								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : East Facade - Pool Vault - South East Corner								
Windows								
Aluminum	98%			2041	* *	5	$73,800	
Steel	2%	Now	$78,700	2050	* *	5	$9,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Basement Locker Rooms, Rooftop Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
Location : Basement Locker Rooms, Rooftop Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 5%								
Location : Basement Locker Rooms, Rooftop Bulkheads								

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Copper/Terne	2%	0-2	$1,200	2069	* *	5	$700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Seams Open/Split, Extent : Light, Area Affected : 10%								
Location : At Panel Seams								
Masonry: Brick Cavity	88%			LIFE	* *	5	$12,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	7%			LIFE	* *	5	$6,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Built-Up (BUR)	82%			2033	* *	10	$102,600	
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Perimeter Inboard Of Parapet								
Copper/Terne	10%	Now	$8,400	2040	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 5%								
Location : Above Shared Wall Between Auditorium And Girls Gym								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above Shared Wall Between Auditorium And Girls Gym								
Modified Bitumen	3%			2030	* *	10	$3,800	
Skylight, Metal/Glass	5%			2045	* *	10	$20,800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$130,200	
Ceramic Tile	3%			2034	* *	5	$8,900	
Panel/Paver: Cer/Brk	5%			2033	* *	5	$33,500	
Marble Panels	2%			LIFE	* *	5	$4,500	
Terrazzo	5%			LIFE	* *	5	$11,600	
Vinyl Tile	25%			2025	$632,700	3	$27,900	
Vinyl Tile 9" X 9"	5%			2020	$163,900	3	$7,400	
Other Observation, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Offices, Cafeteria, Teachers Lounge								
Explanation : Should Be Replaced In Near Future								
Wood	35%	0-2	$343,600	2040	* *	5	$97,700	
Deflection Evident, Extent : Moderate, Area Affected : 15%								
Location : Girls And Boys Gyms								
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Girls And Boys Gyms								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Girls And Boys Gyms								

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	$235,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East Side Of Pool Deck								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : East Side Of Pool Deck								
Ceramic Tile	3%	Now	$30,800	2028	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : East Side Of Pool Deck								
Glass: Single Pane	2%			LIFE	* *	5	$5,600	
Masonry: Brick	8%			LIFE	* *			
Marble Panels	3%	0-2	$88,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Hallway, Steps, Showers								
Plaster	79%	Now	$117,800	LIFE	* *	5	$88,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Locker Rooms, Rooftop Bulkheads, Basement North Of Boiler Room								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : Locker Rooms, Rooftop Bulkheads, Basement North Of Boiler Room								
Ceilings								
AcousTileConcealSpLn	10%	0-2	$48,200	2038	* *	5	$18,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria, Teacher's Lounge, Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
AcousTileSusp.Lay-In	10%			2038	* *	5	$29,800	
Exposed Concrete	5%	Now	$47,900	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Vault Over East Side Of Pool Deck								
Recent Replace Evident, Extent : Light, Area Affected : 5%								
Location : Ceiling Under Pool Deck								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Vault Over East Side Of Pool Deck								
Exposed Struc: Steel	5%	Now	$62,700	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Vault Over East Side Of Pool Deck								
Plaster	70%	Now	$136,700	LIFE	* *	5	$130,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Public Areas And Auditorium								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Rooftop Bulkheads								

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$84,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1 Electrical Service Rated @ 4000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$488,700	5	$900	
Raceway								
Conduit	90%			2025	$520,200	1		
Conduit	10%			2035	* *	1		
Panelboards								
Fused Disc Sw	10%			2024	$47,800	5	$500	
Fused Toggle Switch	5%	2-4	$23,900	2050	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	15%			2033	* *	5	$900	
Molded Case Bkrs	70%			2024	$334,800	5	$4,100	
Wiring								
Braided Cloth	65%	2-4	$506,800	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2035	* *	1		
Thermoplastic	25%			2025	$194,900	1		
Motor Controllers								
Locally Mounted	10%			2030	* *	5	$100	
Locally Mounted	40%	2-4	$92,100	2045	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : On Extended Life								
Locally Mounted	50%			2023	$115,100	5	$700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	75%			2030	* *	10	$136,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	20%			2025	$441,800	10	$36,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Using T-8 Lamps								
HID	3%			2025	$47,600	10	$200	
Incandescent	2%			2025	$44,200	2	$100	
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	$24,000	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2030	* *	10	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	* *	1	$16,500	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2030	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$196,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%	0-2	$69,400	2025	$1,388,500	4	$9,800	
Steam Traps Faulty, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Terminal Devices								
Air Handler	25%			2020	$268,100	1	$30,700	
Convector/Radiator	75%			2030	* *	1	$48,200	
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

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DEPARTMENT OF EDUCATION - 040
THOMAS JEFFERSON HIGH SCHOOL -BK
Asset # : 1224

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	40%			2020	$163,500	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$110,900	
Exhaust Fans								
Interior	90%			2030	* *	2	$5,500	
Roof	10%			2025	$15,800	2	$600	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2030	* *	1		
Water Heater								
Gas Fired	100%	Now	$4,600	2020	$46,300	2	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Units, One For Kitchen, One For Restrooms Is Not In Service, And One For Pool								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Pool Filter/Treatment								
Sand	100%			2042	* *	4		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Pool Equipment Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : (2) B - 5 (1) B - G								
Explanation : 3 Units, One Frieght And Two Passenger								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	* *	1-2	$5,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **TOTTENVILLE HIGH SCHOOL - SI**
Address : **100 LUTEN AVE @ AMBOY RD**
Borough : **STATEN ISLAND**
Program / Asset # : **BOE0951.000 / 2739**
Area Sq Ft : **427,000**
Date of Survey : **15-Jan-2015**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **6613** **Lot** : **1**

Agency's Number : **R455**
Yr Built/Renovated : **1972 / 2010**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **5082634**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,287,400	$1,385,300
Interior Architecture	$1,916,400	$4,647,100
Electrical		$3,956,100
Mechanical	$178,200	$1,640,800
Total	**$3,382,000**	**$11,629,200**
Importance Code A	$1,287,400	$1,385,300
Importance Code B	$1,027,700	$9,997,900
Importance Code C	$1,066,900	$246,100
Total	**$3,382,000**	**$11,629,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$47,100			
Interior Architecture	$128,900		$4,300	$84,300
Electrical	$60,500	$32,900	$41,500	$32,900
Mechanical	$121,400	$80,600	$108,600	$97,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$365,800**	**$121,400**	**$162,200**	**$222,400**
Importance Code A	$92,700	$45,600	$45,600	$45,600
Importance Code B	$266,500	$75,800	$116,700	$176,900
Importance Code C	$6,600			
Total	**$365,800**	**$121,400**	**$162,200**	**$222,400**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	20%	Now	$265,400	LIFE	* *	5	$40,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Coiling Doors	5%	Now	$91,400	2031	* *	5	$25,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	75%	2-4	$159,800	LIFE	* *	5	$785,500	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Courtyard Columns								
Explanation : Vegetation								
Windows								
Aluminum	100%	Now	$681,300	2034	* *	5	$20,300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parapets								
Metal Rail	20%	Now	$12,800	2039	* *	5	$34,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	80%	0-2	$34,300	LIFE	* *	5	$120,700	
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	90%			2034	* *	10	$438,700	
Metal Panel	10%			2039	* *	10	$89,400	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%	0-2	$35,200	2022	$175,800	3	$20,700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	3%	Now	$4,300	LIFE	* *	5	$45,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$34,400	
Sheet Vinyl/Rubber	5%	0-2	$51,100	2031	* *	5	$25,800	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Slate	5%			LIFE	* *	5	$73,200	
Terrazzo	5%			LIFE	* *	5	$53,800	
Vinyl Tile	70%	0-2	$409,800	2021	$4,098,000	3	$180,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 9x9 Tiles								
Vinyl Tile	5%			2031	* *	3	$12,900	
Interior Walls								
Ceramic Tile	5%	0-2	$53,900	2029	* *	5	$19,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	15%	2-4	$130,100	LIFE	* *	5	$46,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Travertine Panels	5%	2-4	$270,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Terrazzo Panels								
Plaster	45%	0-2	$141,000	LIFE	* *	5	$105,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plywood/Hardboard	2%	0-2	$6,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	25%	2-4	$378,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	3%			LIFE	* *	5	$187,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	10%	Now	$29,900	2039	* *	5	$32,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
AcousTileConcealSpLn	10%	Now	$26,000	2031	* *	5	$40,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	20%	0-2	$82,800	LIFE	* *	5	$20,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	15%			LIFE	* *	10	$193,100	
Plaster	45%	Now	$76,000	LIFE	* *	5	$181,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : At 3rd Floor Expansion Joints								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	20%			2036	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electric Service Room								
Explanation : One 4000 Amps Main Disconnect Switch								
Fused Disc Sw	80%			2036	* *	5	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four 1000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$1,800	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$1,000	
Molded Case Bkrs	90%			2034	* *	5	$10,100	
Wiring								
Thermoplastic	20%			2036	* *	1		
Thermoplastic	80%			2026	$935,700	1		
Motor Controllers								
Locally Mounted	100%			2024	$345,300	5	$2,900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$12,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$22,000	1	$131,400	
Generators								
Natural Gas	100%			2022	$121,400	1	$165,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Generator Room								
Explanation : One 55 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$15,800	
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$379,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	3%			2021	$153,300	10	$12,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cafeteria								
Explanation : T-12 Lamps								
HID	2%			2031	* *	10	$300	
Incandescent	5%			2021	$255,500	2	$500	
Egress Lighting								
Emergency, Service	40%			2026	$90,500	1		
Emergency, Battery	10%			2026	$62,000	10	$11,100	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	50%			2026	$806,300	10	$700	
HID	50%			2021	$806,300	10	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$31,900	
Fire/Smoke Detection								
No Component	60%							
Generic, Analog	40%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2036	* *	5	$142,500	
No. 4 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : In Vault								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2- 20,000 Gal. Tanks								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$455,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Boilers								
Distribution								
Steam Piping/Pump	100%	Now	$64,200	2036	* *	4	$22,700	
Steam Traps Faulty, Extent : Moderate, Area Affected : 1%								
Location : Multiple Locations Throughout								
Terminal Devices								
Air Handler	30%			2026	$744,100	1	$85,300	
Convector/Radiator	70%			2031	* *	1	$104,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	2%			2026	$42,500	2	$600	
Window/Wall Unit	20%			2021	$189,100	1		
No Component	78%							
Distribution								
Ductwork/Diffusers	2%			LIFE	* *	2	$15,000	
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$406,100	
Exhaust Fans								
Interior	30%			2026	$152,500	2	$4,200	
Roof	70%			2026	$256,000	2	$9,900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2031	* *	1		
HW Heat Exchanger								
Low Temp	100%			2036	* *	4	$45,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOTTENVILLE HIGH SCHOOL - SI
Asset # : 2739

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%	0-2	$12,800	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 3rd Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$25,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **TOWNSEND HARRIS H. S. - Q**
Address : **149-11 MELBOURNE AVENUE**
Borough : **QUEENS**
Agency's Number : **Q515**
Program / Asset # : **BOE0991.000 / 4482**
Yr Built/Renovated : **1995 / 2014**
Area Sq Ft : **175,000**
Project Type : **EDUCATION**
Date of Survey : **29-Sep-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,6**
Block : **6507** **Lot** : **100**
BIN : **4141869**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,379,400	$795,800
Interior Architecture	$1,854,300	$1,104,800
Electrical		$4,215,900
Mechanical	$151,000	$586,400
Total	**$3,384,700**	**$6,702,800**
Importance Code A	$1,379,400	$795,800
Importance Code B	$1,149,000	$5,394,500
Importance Code C	$856,300	$512,500
Total	**$3,384,700**	**$6,702,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,500		$17,400	
Interior Architecture	$17,300		$38,600	$96,900
Electrical	$36,200	$14,100	$24,500	$14,100
Mechanical	$105,800	$119,000	$89,400	$109,500
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$204,600**	**$145,000**	**$181,700**	**$232,300**
Importance Code A	$50,900	$17,300	$34,700	$17,300
Importance Code B	$136,500	$127,700	$147,000	$183,800
Importance Code C	$17,300			$31,300
Total	**$204,600**	**$145,000**	**$181,700**	**$232,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	75%	Now	$612,600	LIFE	* *	5	$185,900	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : Scaffolding Present - Building Perimeter								
Caulking Deteriorated, Extent : Moderate, Area Affected : 40%								
Location : Expansion Joints, Window Seal								
Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Metal Panel	20%			2046	* *	5-10	$545,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$128,900	
Windows								
Aluminum	90%	Now	$581,100	2034	* *	5	$34,700	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 75%								
Location : Various Locations								
Unit Inoperable, Extent : Severe, Area Affected : 75%								
Location : Throughout - Windows Screwed Shut								
Glass Block	5%			LIFE	* *	5	$4,800	
Metal Louvers	5%			2035	* *	10	$24,100	
Parapets								
Concrete Masonry Unit	85%	Now	$121,200	LIFE	* *	5	$26,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Interior Of Parapets And Underside Of Coping								
Metal Panel	5%			2046	* *	5	$5,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$34,500	
Roof								
IRMA/Protected Membrane	18%	Now	$3,900	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Dressing Rooms								
Metal Panel	35%			2039	* *	10	$17,400	
Skylight, Metal/Glass	5%	Now	$10,000	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : North Side And Above Lecture Hall Room 643								
Under Construction	42%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 16 Out Of 22 Irma Roofs Undergoing Repair & Reconstruction								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2025	$394,200	3	$46,300	
Cast in Place Concrete	10%			LIFE	* *	5	$270,200	
Ceramic Tile	5%			2035	* *	5	$30,900	
Quarry Tile	5%			2039	* *	5	$46,300	
Vinyl Tile	65%	Now	$341,400	2031	* *	3	$150,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Corridors, 2nd Floor And Cafeteria								
Wood	10%			2054	* *	5	$115,800	
Interior Walls								
Cast in Place Concrete	6%			LIFE	* *	10	$187,500	
Ceramic Tile	5%			2035	* *	5	$62,500	
Concrete Masonry Unit	60%			LIFE	* *	5	$600,100	
Gypsum Board	15%			LIFE	* *	5-10	$318,800	
Metal Panel	2%	Now	$17,300	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Rear Wall - Auditorium								
SGFT/Glazed Masonry	10%			LIFE	* *	10	$62,500	
Wood	2%			LIFE	* *	5	$200,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Wood Paneling								
Ceilings								
AcousTileConcealSpLn	55%			2039	* *	5	$424,700	
AcousTileSusp.Lay-In	23%			2039	* *	5	$142,100	
Exposed Struc: Steel	7%			LIFE	* *	10	$86,500	
Gypsum Board	15%	Now	$93,700	LIFE	* *	5	$115,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Dressing Room, Library, Sixth Floor Classrooms								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps, One 1600 Amps & One 1200 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Transformers								
Dry Type	35%			2031	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1500 Kva 208pri-480/277sec								
Dry Type	65%			2031	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Mechanical Room								
Explanation : One 112 Kva & One 75 Kva 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5	$800	
Raceway								
Conduit	100%			2036	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	* *	5	$400	
Molded Case Bkrs	90%			2034	* *	5	$4,100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Motor Controllers								
Locally Mounted	5%			2031	* *	5	$100	
Motor Control Center	95%			2031	* *	5	$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : Controllers Monitored By Bms, But The Unit Is Not Operating								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	* *	1	$53,800	
Generators								
Diesel	100%			2029	* *	1	$67,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Explanation : Diesel Generator Rated @ 600 Kw								
Batteries								
Nickel Cadmium	100%			2022	$1,500	5	$39,000	
Fuel Storage								
Day Tank	50%			2034	* *	5	$16,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2041	* *	5	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2026	$1,846,700	10	$152,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	3%			2026	$41,900	10	$200	
Incandescent	2%			2026	$38,900	2	$100	
Egress Lighting								
Emergency, Service	55%			2026	$47,300	1		
Emergency, Battery	5%			2026	$11,800	10	$2,100	
Exit, Service	40%			2026	$18,900	1		
Exterior Lighting								
HID	100%			2026	$660,900	10	$500	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$5,100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$158,800	1	$19,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm Only, Motion Sensors								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2026	$1,268,800			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Tank - 5,000 Gal Capacity #2 Oil								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$173,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	100%	0-2	$24,400	2036	* *	4	$8,600	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Return Pump, Boiler Room								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Computer Controls System								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : Heating Control System Not Working								
Terminal Devices								
Air Handler	70%			2031	* *	1	$75,800	
Fan Coil Unit/Heat	30%			2031	* *	1	$17,000	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2035	* *	1	$189,400	
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$12,900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	* *	1	$108,200	
Heat Rejection								
Water Cool Tower	100%			2024	$502,300	2	$176,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$151,000	LIFE	* *	2-5	$97,600	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : All Dampers Are Not Working								
Exhaust Fans								
Interior	100%	0-2	$9,700	2031	* *	2	$4,300	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : Exhaust Fan In 1st Floor Gym								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Pump(s) Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Mechanical Room								
Water Heater								
Gas Fired	100%			2021	$40,700	2	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 3 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
TOWNSEND HARRIS H. S. - Q
Asset # : 4482

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%	0-2	$200	2031	* *	4	$1,600	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : Check Valve Not Working								
Backflow Preventer								
Generic	100%			2031	* *	1	$10,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : C-6								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$88,200	
Sprinkler								
Generic	100%			2046	* *	1-2	$49,000	
Fire Pump								
Generic	100%			2035	* *	1	$32,700	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)**		
Address	: **200 MONROE ST. @MONTGOMERY ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **M446**
Program / Asset #	: **BOE0125.000 / 1620**	**Yr Built/Renovated**	: **1904 / 1999**
Area Sq Ft	: **67,200**	**Project Type**	: **EDUCATION**
Date of Survey	: **13-Mar-2012**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **259** **Lot** : **44**	**BIN**	: **1003214**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$631,500	$304,900
Interior Architecture	$338,700	$212,500
Electrical	$1,151,100	$670,100
Mechanical	$102,400	$1,083,700
Total	**$2,223,600**	**$2,271,200**
Importance Code A	$631,500	$341,900
Importance Code B	$1,460,000	$1,773,300
Importance Code C	$132,200	$156,000
Total	**$2,223,600**	**$2,271,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$12,800	$5,600		
Interior Architecture		$2,300	$9,300	
Electrical	$25,000	$42,900	$1,900	$2,300
Mechanical	$34,300	$37,100	$13,200	$8,000
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$77,000**	**$92,800**	**$29,300**	**$15,200**
Importance Code A	$18,800	$11,700	$6,000	$6,000
Importance Code B	$58,200	$81,100	$23,400	$9,200
Importance Code C				
Total	**$77,000**	**$92,800**	**$29,300**	**$15,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$69,800	
Masonry: Brick	72%	Now	$388,400	LIFE	* *	5	$64,400	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement, Foundation								
Masonry: Granite	3%			LIFE	* *	5	$2,000	
Masonry: Limestone	5%			LIFE	* *	5	$3,400	
Metal, Corrugated	5%	Now	$9,800	2033	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Bulkheads								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Stucco Cement	5%			2028	* *	5	$11,200	
Windows								
Aluminum	100%	Now	$191,900	2039	* *	5	$11,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$4,000	
Pre-Cast Concrete	5%	Now	$3,000	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Coping								
Explanation : Covered With Protective Net								
Roof								
Built-Up (BUR)	98%	Now	$51,200	2023	$170,700			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : Over Fifth Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Corridor, Elevator Lobby, Room 503								
Skylight, Metal/Glass	2%			2033	* *	10	$2,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	7%			LIFE	* *	5	$13,900	
Ceramic Tile	3%			2019	$52,600	5	$2,700	
Vinyl Tile	70%			2028	* *	3	$23,800	
Vinyl Tile	20%			2018	$153,900	3	$6,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various Classrooms								
Explanation : 9x9 Units								
Interior Walls								
Ceramic Tile	5%			2026	$156,000	5	$5,700	
Glass: Single Pane	5%			LIFE	* *	5	$4,200	
Masonry: Brick	10%	Now	$132,200	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Plaster	80%			LIFE	* *	5	$27,100	
Ceilings								
Plaster	100%			LIFE	* *	5	$56,600	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Fifth Floor Corridor, Elevator Lobby, Room 503								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2023	$37,000	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2- Main Service Disconnect Switches Rated @ 600 Amperes And 400 Amperes								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$146,600	2053	* *	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	95%			2023	$117,700	1		
Conduit	5%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2022	$6,700	5	$100	
Fused Knife Sw	90%	2-4	$121,100	2048	* *	5	$700	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Obsolete Equipment								
Molded Case Bkrs	5%			2039	* *	5	$100	
Wiring								
Braided Cloth	95%	2-4	$165,200	2048	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	5%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	$52,900	5	$300	
Locally Mounted	30%	2-4	$22,700	2043	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,000	
Lighting								
Interior Lighting								
Fluorescent	90%			2018	$604,500	10	$49,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	5%			2028	* *	10	$2,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Incandescent	5%			2018	$33,600	2	$100	
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	$7,300	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2023	$253,800	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2018	$61,000	1	$7,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System Only, Motion Sensors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2023	$208,800	1-3	$12,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Basement								
Explanation : Alarm Bells, Manual Pull Stations, Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2033	* *	1		
Conversion Equipment								
Steam Boiler	100%			2028	* *	1	$59,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Steam Piping/Pump	100%	Now	$42,200	2023	$422,200	4	$3,000	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Connections To Radiators, Valves Throughout								
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%			2021	$571,200	1	$19,500	
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2018	$12,400	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	4+	$26,100	LIFE	* *	2-5	$33,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Not In Use For Years, Extensive Cleaning Required								
Exhaust Fans								
Interior	90%	Now	$60,200	2033	* *	2	$1,300	
Obsolete Equipment, Extent : Severe, Area Affected : 90%								
Location : Basement								
Roof	10%			2018	$4,800	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

UNIVERSITY NEIGHBORHOOD H.S. (FORMER SEWARD PARK ANNEX)

Asset # : 1620

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		
Galv Iron/Steel	50%			2021	$90,300	1		
Water Heater								
Gas Fired	100%			2021	$14,100	2	$900	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2018	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : B-5							
	Explanation : One Unit							
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2023	$21,200	1-2	$500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)**
Address : **283 ADAMS STREET @JOHNSON ST.**
Borough : **BROOKLYN**
Agency's Number : **K313**
Program / Asset # : **DGS0022.000 / 2047**
Yr Built/Renovated : **1955 / 2008**
Area Sq Ft : **124,724**
Project Type : **EDUCATION**
Date of Survey : **14-Nov-2012**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3,5,6**
Block : **140** **Lot** : **10** **BIN** : **3331741**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$94,500	$123,000
Interior Architecture	$172,200	$403,600
Electrical		$114,400
Total	**$266,700**	**$640,900**
Importance Code A	$94,500	$123,000
Importance Code B	$124,500	$296,700
Importance Code C	$47,700	$221,300
Total	**$266,700**	**$640,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			$57,100	$26,900
Interior Architecture	$36,700	$4,700	$13,400	$17,500
Electrical	$13,800	$12,900	$18,500	$14,300
Mechanical	$47,300	$26,900	$56,800	$33,800
Elevators/Escalators	$30,400	$30,400	$30,400	$30,400
Total	**$128,100**	**$74,800**	**$176,200**	**$122,900**
Importance Code A	$21,900	$6,200	$63,200	$33,300
Importance Code B	$106,200	$68,700	$99,600	$89,600
Importance Code C			$13,400	
Total	**$128,100**	**$74,800**	**$176,200**	**$122,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Limestone	80%			LIFE	* *	5	$67,100	
Metal Panel	10%			2044	* *	5-10	$76,800	
Granite Panels	10%			LIFE	* *	5	$8,400	
Windows								
Aluminum	100%			2040	* *	5	$53,700	
Parapets								
Masonry: Limestone	65%	0-2	$44,600	LIFE	* *	5	$10,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Panel	35%			2044	* *	5	$17,800	
Roof								
Built-Up (BUR)	50%			2029	* *	10	$27,200	
Metal Panel	50%			2037	* *	10	$49,900	
Interior								
Floors								
Carpet	5%	0-2	$23,800	2023	$119,100	3	$14,000	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Library								
Cast in Place Concrete	10%			LIFE	* *	5	$40,800	
Ceramic Tile	5%			2033	* *	5	$9,300	
Terrazzo	25%			LIFE	* *	5	$36,500	
Vinyl Tile	55%			2029	* *	3	$51,300	
Interior Walls								
Ceramic Tile	25%			2033	* *	5	$95,400	
Concrete Masonry Unit	10%			LIFE	* *	5	$15,300	
Operable Wall	2%			2044	* *	5	$26,700	
Marble Panels	10%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$51,500	
Wood	8%			LIFE	* *	5	$122,100	
Ceilings								
AcousTileConcealSpLn	50%	Now	$75,500	2037	* *	5	$58,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Room 549 And B53								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Room 549 And B53								
Exposed Concrete	10%			LIFE	* *	5	$2,900	
Plaster	40%	0-2	$49,000	LIFE	* *	5	$46,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corridor Between 508 And 503								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Corridor Between 508 And 503								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4000 Amps & One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	30%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$500	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	15%			2046	* *	5	$400	
Molded Case Bkrs	85%			2046	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	50%			2041	* *	5	$400	
Motor Control Center	50%			2041	* *	5	$1,700	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$38,400	
Generators								
Diesel	100%			2037	* *	1	$48,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 380 Kw								
Batteries								
Lead/Acid	100%			2019	$1,500	5	$4,600	
Fuel Storage								
Main Tank	100%			2059	* *	5	$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 250 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	95%			2032	* *	10	$108,700	
Other Observation, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	5%			2032	* *	10	$5,700	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Lobby & Gym								
Egress Lighting								
Emergency, Service	60%			2032	* *	1		
Exit, LED	35%			2059	* *	1		
Exit, Service	5%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$400	
Alarm								
Security System								
No Component	70%							
Generic	30%			2032	* *	1	$14,000	
Fire/Smoke Detection								
No Component	60%							
Generic	40%			2032	* *	1-3	$31,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2044	* *	1		
Conversion Equipment								
Furnace	30%	Now	$2,300	2029	* *	1	$16,700	
Malfunctioning, Extent : Moderate, Area Affected : 15%								
Location : Roof, Defective Gas Burner On Rtu #1								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Packaged Roof Top Units With Gas Furnace								
Hot Water Boiler	70%	Now	$19,600	2037	* *	1	$38,800	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Boiler Room, Boiler #1 Has A Leaky Casing								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, Boiler #2 Defective Burner Control Panel								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Natural Gas Fired Hot Water Boilers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2040	* *	4	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Temperature Pumping System								
Terminal Devices								
Air Handler	5%			2029	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Serves Kitchen And Cafeteria								
Convector/Radiator	20%			2037	* *	1	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Hallways And Stairways Only								
No Component	75%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2029	* *	1	$28,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Packaged Air Cooled Chiller								
Ext Pkg Unit - Heating/Cooling	50%			2029	* *	2	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Package Roof Top Units With Gas Furnace								
Distribution								
Chilled Wtr Pipe/Pump	50%			2044	* *	4	$3,100	
No Component	50%							
Terminal Devices								
Fan Coil - Cool/Heat	70%			2029	* *	1	$28,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Classrooms								
Explanation : Dual Temperature Unit Ventilators								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$69,500	
Exhaust Fans								
Interior	100%			2029	* *	2	$3,800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY SCHOOL - BK (FORMER BROOKLYN FAMILY COURT)

Asset # : 2047

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%	Now	$1,500	2022	$29,000	2	$1,500	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement, Defective Domestic Hot Water Circulating Pump								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2029	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2029	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2029	* *	1	$7,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Floors								
Explanation : 2 Units - Each Elevator Has Two Cab Doors								
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	$65,200	
Sprinkler								
Generic	100%			2044	* *	1-2	$34,900	
Fire Pump								
Generic	100%			2033	* *	1	$23,300	
Chemical System								
Dry	100%			2022	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M**				
Address	: **26 BROADWAY @ BOWLING GREEN**				
Borough	: **MANHATTAN**			**Agency's Number**	: **LEASE-M282**
Program / Asset #	: **BOE1061.000 / 14374**			**Yr Built/Renovated**	: **1923 / 2010**
Area Sq Ft	: **118,188**			**Project Type**	: **EDUCATION**
Date of Survey	: **12-Feb-2015**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 4,5**				
Block	: **22**	**Lot**	: **13**	**BIN**	: **1000811**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	$373,400	$278,600
Electrical		$108,400
Mechanical	$29,300	
Total	**$402,700**	**$387,000**
Importance Code B	$285,200	$322,900
Importance Code C	$117,500	$64,100
Total	**$402,700**	**$387,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Interior Architecture	$48,400	$11,100	$13,800	
Electrical	$1,600	$3,300	$1,300	$1,300
Mechanical	$72,400	$26,900	$78,600	$29,800
Elevators/Escalators	$15,800	$15,800	$15,800	$15,800
Total	**$138,100**	**$57,000**	**$109,600**	**$46,900**
Importance Code A	$5,800	$5,800	$5,800	$5,800
Importance Code B	$132,300	$51,200	$94,300	$41,100
Importance Code C			$9,400	
Total	**$138,100**	**$57,000**	**$109,600**	**$46,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2027	* *	3	$13,300	
Cast in Place Concrete	5%			LIFE	* *	5	$38,700	
Ceramic Tile	5%			2039	* *	5	$8,800	
Quarry Tile	5%			2043	* *	5	$13,300	
Sheet Vinyl/Rubber	80%			2034	* *	5	$212,300	
Interior Walls								
Ceramic Tile	15%			2039	* *	5	$18,800	
Gypsum Board	85%			LIFE	* *	5-10	$181,500	
Ceilings								
AcousTileSusp.Lay-In	60%			2043	* *	5	$106,100	
Gypsum Board	25%			LIFE	* *	5-10	$152,000	
Plaster	15%			LIFE	* *	5-10	$45,600	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Leased Facility On 2 Floors Of Private Office Building - Landlord Provides Electrical Service								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$500	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	$3,100	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$800	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$103,000	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Area								
Fluorescent	5%			2034	* *	10	$5,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Hallways								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$14,300	
Exit, Service	50%			2034	* *	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$13,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Area								
Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Alarm Bells And Horns								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : This Is A Leased Facility In A Privately Owned Office Building - Steam Comes From Boilers Belonging To The Building								
Conversion Equipment								
Heat Exchanger	100%			2039	* *	1	$58,400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Mechanical Room - Scheduled To Be Repaired								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Mechanical Room								
Explanation : 2 Units Convert Steam To Hot Water								
Distribution								
Hot Wtr Piping/Pump	90%			2048	* *	4	$5,200	
Steam Piping/Pump	10%			2052	* *	4	$600	
Terminal Devices								
Air Handler	40%			2034	* *	1	$29,200	
Fan Coil Unit/Heat	60%			2034	* *	1	$22,900	
Air Conditioning								
Energy Source								
Electricity	100%			2048	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

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DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Chilled Water Provided By The Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$192,200	
Terminal Devices								
Air Handler/Cool/Ht	40%			2034	* *	1	$29,200	
Fan Coil - Cool/Heat	60%			2034	* *	1	$22,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$104,300	
Exhaust Fans								
Interior	40%			2034	* *	2	$1,400	
Not Accessible	60%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : House Exhaust Belongs To The Building								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Electric	100%			2025	$18,300	4	$1,000	
Sanitary Piping								
Not Accessible	100%							
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-20 Floors								
Explanation : 4 Units Which Are Property Of The Building. School Occupies Space On 4th & 5th Floors Only.								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$59,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

URBAN ASSEMBLY YOUNG WOMEN / BROADWAY EDUCATION CAMPUS - M

Asset # : 14374

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$33,100	
Fire Pump								
Not Accessible	100%							
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**VAN ARSDALE HIGH SCHOOL - BK**			
Address	:	**257 NORTH 6TH ST. BTWN: HAVEMEYER ST., ROEBLING ST**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**K650**
Program / Asset #	:	**BOE0652.000 / 1213**	**Yr Built/Renovated**	:	**1903 / 1998**
Area Sq Ft	:	**187,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**30-Apr-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Sub Basement, Roof, Floors 1,2,3,4,5**			
Block	:	**2330** **Lot** : **11**	**BIN**	:	**3062135**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$2,535,600	$688,100
Interior Architecture	$1,884,500	$1,218,200
Electrical	$733,600	$2,534,800
Mechanical	$92,000	$3,369,900
Total	**$5,245,500**	**$7,810,900**
Importance Code A	$2,577,600	$1,507,200
Importance Code B	$2,432,900	$6,242,400
Importance Code C	$235,000	$61,300
Total	**$5,245,500**	**$7,810,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,500		$11,900	
Interior Architecture	$117,600	$6,300	$11,000	$18,900
Electrical	$11,200	$1,900	$1,500	$3,100
Mechanical	$42,300	$35,600	$41,500	$35,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$214,500**	**$53,600**	**$75,800**	**$67,200**
Importance Code A	$50,200	$16,700	$28,600	$16,700
Importance Code B	$112,400	$37,000	$47,200	$50,600
Importance Code C	$51,900			
Total	**$214,500**	**$53,600**	**$75,800**	**$67,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$194,300	
Glazed Ceramic Panel	2%			LIFE	* *	5	$46,600	
Masonry: Brick	30%	Now	$450,300	LIFE	* *	5	$74,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : 1903 Bulkheads								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : 1903 Wing								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1903 Bulkheads								
Masonry: Brick Cavity	58%	2-4	$1,622,600	LIFE	* *	5	$144,300	
Loose/Delam Surface, Extent : Severe, Area Affected : 8%								
Location : North 7th Street Facade - 2nd Floor Above Play Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Various Locations N7th St Facade								
Patching Evident, Extent : Moderate, Area Affected : 35%								
Location : Various Locations - 1957 Addition								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Various Locations - 1957 Addition								
Masonry: Limestone	5%			LIFE	* *	5	$18,700	
Windows								
Aluminum	90%	4+	$120,200	2034	* *	5	$28,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Fiberglass Panel	10%			2034	* *	5	$23,900	
Parapets								
Masonry: Brick Cavity	88%			LIFE	* *	5-10	$70,800	
Recent Repair Evident, Extent : Light, Area Affected : 35%								
Location : 1903 Wing And Various Locations 1957 Addition								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : 1957 Addition								
Metal Rail	2%			2031	* *	5-10	$4,200	
Pre-Cast Concrete	10%	Now	$800	LIFE	* *	5	$7,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 3%								
Location : Northwest Corner Of Parapet Wall - 1903 Wing								

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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	63%			2026	$305,400	10	$66,700	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Copper/Terne	5%			2041	* *	10	$13,200	
Modified Bitumen	30%	Now	$184,900	2036	* *			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Over 1903 Wing								
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Over 1903 Wing								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Over 1903 Wing								
Skylight, Metal/Glass	2%			2036	* *	10	$7,100	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$55,100	
Ceramic Tile	5%			2029	* *	5	$12,600	
Terrazzo	5%			LIFE	* *	5	$19,700	
Vinyl Tile	20%	Now	$428,300	2036	* *	3	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Classrooms, Corridors, 1903 Wing								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Cafeteria, 1st Floor Corridor								
Uneven Substrate, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Auditorium, Classrooms, Corridors, 1903 Wing								
Vinyl Tile	15%			2031	* *	3	$14,200	
Vinyl Tile 9" X 9"	40%			2021	$1,109,700	3	$50,400	
Wood	10%	2-4	$249,200	2041	* *	5	$23,600	
Deflection Evident, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$12,600	
Glazed Ceramic Panel	5%			LIFE	* *	10	$14,200	
Masonry: Brick	5%	Now	$122,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Various Locations, Basement - Havemeyer Facade								
Plaster	35%			LIFE	* *	5-10	$93,600	
Plaster	30%			LIFE	* *	5-10	$80,200	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$31,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Corridors/ Stairs								

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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTile,Adhered	25%	Now	$585,400	2046	* *	5	$31,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
AcousTile,Adhered	5%			2043	* *	5	$12,600	
AcousTileSusp.Lay-In	5%			2031	* *	5	$12,600	
Exposed Concrete	30%	2-4	$303,900	LIFE	* *	5	$11,800	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rooms 422, 430, 509								
Metal Panel	5%			LIFE	* *	5	$31,500	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : 1903 Wing								
Plaster	30%			LIFE	* *	5-10	$129,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	2-4	$42,000	2056	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Ratings Available. Obsolete Equipment								
Switchgear / Switchboard								
Fused Knife Sw	100%	2-4	$244,400	2056	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$260,100	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Knife Sw	20%	2-4	$50,800	2051	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	70%			2025	$177,900	5	$3,400	
Molded Case Bkrs	10%			2042	* *	5	$500	

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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	70%	2-4	$272,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2026	$78,000	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	80%			2043	* *	5	$1,000	
Locally Mounted	20%			2024	$23,000	5	$300	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	80%			2021	$1,495,200	10	$123,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Classrooms								
Explanation : T-12 Lamps								
Fluorescent	18%			2031	* *	10	$27,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Corridors								
Explanation : T-8 Lamps								
HID	1%			2021	$13,400	10	$100	
Incandescent	1%			2021	$18,700	2		
Egress Lighting								
Emergency, Battery	40%			2031	* *	10	$16,200	
Exit, Service	60%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$600	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$113,200	1	$14,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : CCTV And Intrusion Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2026	$387,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Station, Strobe Lights And Smoke Detectors								

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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$414,400	5	$52,100	
Conversion Equipment								
Steam Boiler	100%			2024	$819,100	1	$166,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	100%			2026	$1,174,900	4	$12,400	
Terminal Devices								
Air Handler	20%			2031	* *	1	$20,800	
Convector/Radiator	80%			2031	* *	1	$43,500	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2021	$207,500	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$148,600	
Exhaust Fans								
Interior	60%			2021	$111,600	2	$3,100	
Roof	40%			2031	* *	2	$2,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$50,300	2026	$502,500	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Water Main And Throughout Basement								
Water Heater								
Gas Fired	100%			2021	$39,100	2	$2,400	
HW Heat Exchanger								
Low Temp	100%			2056	* *	4	$16,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : (1) C, B-5 (1) B-1freight								
Explanation : 2 Units - 1 Passenger, 1 Freight - (Obsolete Freight Not In Service)								

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DEPARTMENT OF EDUCATION - 040
VAN ARSDALE HIGH SCHOOL - BK
Asset # : 1213

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2026	$58,900	1-2	$1,400	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **VARIABLE ALTERNATIVE H.S. - BK**
Address : **832 MARCY AVE BTWN: MADISON ST., PUTNAM AVE.**
Borough : **BROOKLYN**
Agency's Number : **K458**
Program / Asset # : **BOE0632.000 / 2707**
Yr Built/Renovated : **1891 / 2010**
Area Sq Ft : **185,000**
Project Type : **EDUCATION**
Date of Survey : **03-Apr-2015**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,3,5**
Block : **1823** **Lot** : **38**
BIN : **3051641**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$843,900	$709,700
Interior Architecture	$524,300	$458,500
Electrical		$149,600
Mechanical	$41,300	$367,800
Total	**$1,409,500**	**$1,685,600**
Importance Code A	$843,900	$709,700
Importance Code B	$256,300	$934,000
Importance Code C	$309,200	$42,000
Total	**$1,409,500**	**$1,685,600**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$51,400	$21,300		
Interior Architecture	$107,500		$6,200	$12,500
Electrical	$39,900	$14,200	$18,200	$14,200
Mechanical	$80,100	$35,800	$53,000	$39,000
Elevators/Escalators	$19,700	$19,700	$19,700	$19,700
Total	**$298,700**	**$91,100**	**$97,200**	**$85,500**
Importance Code A	$67,900	$37,800	$16,500	$16,500
Importance Code B	$209,000	$53,300	$80,700	$69,000
Importance Code C	$21,800			
Total	**$298,700**	**$91,100**	**$97,200**	**$85,500**

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$384,500	
Masonry: Brick	70%			LIFE	* *	5	$344,500	
Masonry: Brownstone	15%			LIFE	* *	5	$55,400	
Metal Panel	5%			2046	* *	5-10	$84,600	
Windows								
Aluminum	5%			2048	* *	5	$3,200	
Steel	5%			2048	* *	5	$39,400	
Wood	90%			2048	* *	5	$567,400	
Parapets								
Cast Stone/Terra Cotta	15%	Now	$14,900	LIFE	* *	5	$13,500	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5-10	$67,600	
Roof								
Asphalt Shingle	45%	Now	$8,800	2035	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Clay Tile	20%	Now	$38,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Copper/Terne	5%			2054	* *	10	$13,100	
Modified Bitumen	15%	Now	$99,900	2036	* *			
Blisters, Extent : Severe, Area Affected : 35%								
Location : Life Center								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Life Center								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Life Center								
Modified Bitumen	15%			2034	* *	10	$15,700	
Interior								
Floors								
Cast in Place Concrete	25%	Now	$14,200	LIFE	* *	5	$136,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Terrazzo	5%	Now	$31,600	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	40%	Now	$46,300	2031	* *	3	$37,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	30%			2041	* *	5	$140,100	

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$46,900	2029	* *	5	$15,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	5%			LIFE	* *	5	$12,400	
Gypsum Board	15%			LIFE	* *	5-10	$79,300	
Masonry: Brick	10%	Now	$66,300	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Marble Panels	5%	Now	$67,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	45%			LIFE	* *	5-10	$119,000	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$15,600	
Ceilings								
AcousTile,Adhered	5%			2039	* *	5	$12,500	
AcousTileSusp.Lay-In	5%	Now	$5,500	2039	* *	5	$6,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Life Center								
Embossed Metal	25%	Now	$59,800	LIFE	* *	5	$28,000	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	25%	Now	$34,400	LIFE	* *	5	$77,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%			LIFE	* *	5-10	$171,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Electrical Service Rated @ 1200 & 4000 Amps								
Transformers								
Dry Type	100%			2039	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 @ 112.5kva								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$800	
Raceway								
Conduit	100%			2046	* *	1		

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	30%			2042	* *	5	$1,300	
Molded Case Bkrs	70%			2042	* *	5	$3,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$56,900	
Generators								
Diesel	100%			2035	* *	1	$71,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 200 Kw Caterpillar Genset								
Batteries								
Nickel Cadmium	100%			2021	$1,600	5	$41,200	
Fuel Storage								
Main Tank	100%			2054	* *	5	$4,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 250 Gallons								
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	$149,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2031	* *	10	$100	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2054	* *	5	$1,100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	* *	1	$13,800	

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DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank 7750 Gallon #2 Oil								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$164,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Three Units								
Distribution								
Steam Piping/Pump	100%	0-2	$25,400	2046	* *	4	$8,200	
Steam Traps Faulty, Extent : Light, Area Affected : 10%								
Location : Throughout								
Terminal Devices								
Air Handler	50%			2031	* *	1	$51,500	
Convector/Radiator	50%			2031	* *	1	$26,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2026	$123,400	1	$15,400	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof, Compressor / Condenser Unit								
No Component	80%							
Distribution								
Chilled Wtr Pipe/Pump	10%			2046	* *	4	$1,200	
No Component	90%							
Heat Rejection								
Remote Air Cond	20%			2031	* *	2	$23,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$147,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
VARIABLE ALTERNATIVE H.S. - BK
Asset # : 2707

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	80%			2026	$160,800	2	$4,100	
Roof	20%			2026	$28,900	2	$1,000	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2046	* *	1		
Galv Iron/Steel	90%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	$42,300	2	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Tank Of 200 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2026	$12,100	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2026	$17,600	1	$10,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : B-5. B-1								
Explanation : Two Units - 1 Passenger, 1 Freight								
Hydraulic	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : B-1								
Explanation : 1 Unit - For Kitchen. There Are 2 Handicap Units Traveling From Basement : 1st Floor								
Fire Suppression								
Standpipe								
No Component	40%							
Generic	60%			2046	* *	1-5	$50,400	
Sprinkler								
No Component	90%							
Generic	10%			2046	* *	1-2	$4,700	
Chemical System								
Generic	100%			2021	$28,500	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **WALTON HIGH SCHOOL - BX**
Address : **196TH & RESERVOIR AVE. BTWN: WEST 195 ST., STRONG ST.**
Borough : **BRONX** | **Agency's Number** : **X430**
Program / Asset # : **BOE0325.000 / 355** | **Yr Built/Renovated** : **1932 / 2006**
Area Sq Ft : **241,000** | **Project Type** : **EDUCATION**
Date of Survey : **20-Nov-2014** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3247** **Lot** : **70** | **BIN** : **2015241**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,015,600	$1,424,900
Interior Architecture	$902,800	$803,900
Electrical	$428,800	$2,846,400
Mechanical	$361,500	$4,410,100
Total	**$2,708,800**	**$9,485,300**
Importance Code A	$1,015,600	$1,508,900
Importance Code B	$1,494,300	$7,917,000
Importance Code C	$198,900	$59,400
Total	**$2,708,800**	**$9,485,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$29,100			
Interior Architecture	$108,900		$60,500	$26,600
Electrical	$28,400	$19,400	$22,000	$33,300
Mechanical	$64,600	$47,300	$59,800	$40,900
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$238,800**	**$74,700**	**$150,200**	**$108,800**
Importance Code A	$52,900	$23,500	$23,500	$23,500
Importance Code B	$137,300	$51,200	$117,700	$85,200
Importance Code C	$48,600		$9,000	
Total	**$238,800**	**$74,700**	**$150,200**	**$108,800**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WALTON HIGH SCHOOL - BX

Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$191,000	
Copper/Terne	2%			2046	* *	10	$5,700	
Masonry: Brick	83%			LIFE	* *	5	$202,900	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : All Facades								
Masonry: Limestone	5%			LIFE	* *	5	$9,200	
Windows								
Aluminum	95%	Now	$638,400	2042	* *	5	$25,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Hardware Missing, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$3,300	
Parapets								
Cast Stone/Terra Cotta	3%	4+	$3,700	LIFE	* *	5	$3,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : At Cornice								
Masonry: Brick	90%	4+	$81,000	LIFE	* *	5	$14,000	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Below Coping, Exterior / Interior Faces								
Pre-Cast Concrete	7%	0-2	$3,900	LIFE	* *	5	$6,900	
Open Joints, Extent : Moderate, Area Affected : 20%								
Location : Underneath Drip Edge, Coping Stone								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Roof								
IRMA/Protected Membrane	68%	Now	$99,300	2026	$992,500			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	2%			2031	* *	10	$6,700	
Modified Bitumen	15%			2026	$159,900	10	$27,500	
Roll Roofing	10%			2022	$75,600	5	$30,500	
Skylight, Metal/Glass	5%			2036	* *	10	$30,500	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$155,400	
Ceramic Tile	5%			2029	* *	5	$17,800	
Ceramic Tile	5%			2039	* *	5	$17,800	
Terrazzo	5%			LIFE	* *	5	$27,800	
Horizontal Cracks, Extent : Light, Area Affected : 15%								
Location : 1st Floor								
Vinyl Tile	45%	Now	$68,000	2031	* *	3	$60,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria								
Vinyl Tile	15%	Now	$453,200	2036	* *	3	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement Corridor								
Worn/Eroded, Extent : Severe, Area Affected : 30%								
Location : Basement Corridor								
Wood	15%			2029	* *	5	$99,900	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$90,000	
Ceramic Tile	5%			2039	* *	5	$18,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$14,400	
Gypsum Board	5%			LIFE	* *	5-10	$30,600	
Masonry: Brick	10%			LIFE	* *	10	$10,800	
Metal: Cage/Fence	5%			LIFE	* *	10	$3,600	
Marble Panels	5%			LIFE	* *	10	$7,200	
Plaster	55%			LIFE	* *	5-10	$168,300	
Ceilings								
AcousTileConcealSpLn	10%			2024	$242,800	5	$37,500	
AcousTileSusp.Lay-In	10%			2024	$242,800	5	$30,000	
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5-10	$18,800	
Exposed Struc: Steel	5%			LIFE	* *	10	$30,000	
Plaster	70%	Now	$55,100	LIFE	* *	5	$131,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Room B87								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2026	$84,000	5	$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps & One 1600 Amps Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WALTON HIGH SCHOOL - BX

Asset # : 355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	70%			2026	$342,100	5	$700	
Fused Disc Sw	30%			2046	* *	5	$300	
Raceway								
Conduit	95%			2026	$549,100	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$600	
Molded Case Bkrs	80%			2025	$382,700	5	$5,100	
Molded Case Bkrs	10%			2042	* *	5	$600	
Wiring								
Braided Cloth	55%	2-4	$428,800	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2026	$233,900	1		
Thermoplastic	10%			2046	* *	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	70%			2024	$161,200	5	$1,100	
Locally Mounted	25%			2039	* *	5	$400	
Variable Frequency Drive	5%			2046	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$7,100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$22,000	1	$74,200	
Generators								
Diesel	100%			2022	$121,400	1	$93,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room @ Roof								
Explanation : One 360 Kw								
Batteries								
Lead/Acid	100%			2021	$1,500	5	$8,900	
Fuel Storage								
Day Tank	50%			2025	$8,600	5	$22,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 50 Gals								
Main Tank	50%			2029	* *	5	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 278 Gals								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WALTON HIGH SCHOOL - BX
Asset # : 355

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$195,900	
Other Observation, Extent : Moderate, Area Affected : 94%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2036	* *	10	$10,900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 5%								
Location : Throughout The Building								
HID	3%			2034	* *	10	$200	
LED	2%			2036	* *			
Egress Lighting								
Emergency, Service	60%			2034	* *	1		
Exit, Service	10%			2034	* *	1		
Exit, Service	30%			2021	$19,200	1		
Exterior Lighting								
HID	80%			2021	$728,200	10	$600	
HID	20%			2034	* *	10	$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	$27,000	
Fire/Smoke Detection								
No Component	60%							
Generic, Digital	40%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2036	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vault								
Explanation : 2 - 10,000 Gallon Tanks For #2 Fuel								
Conversion Equipment								
Steam Boiler	99%			2039	* *	1	$232,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 4 Dual Fuel Steam Boilers								
Steam Boiler	1%	Now	$600	2039	* *	1	$2,100	
Damaged, Extent : Light, Area Affected : 100%								
Location : Boiler Room, Damaged Fresh Air Intake Dampers Linkage, Defective Boiler Room Space Heater								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WALTON HIGH SCHOOL - BX

Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	80%	Now	$132,600	2026	$1,326,000	4	$9,400	
Leak Evident, Extent : Moderate, Area Affected : 15%								
Location : Sub Basement Crawl Space And Various Other Locatiions, Deteriorating Steam & Condensate Return Lines								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Beyond The Boiler Room								
Steam Piping/Pump	20%			2046	* *	4	$3,500	
Terminal Devices								
Air Handler	20%	Now	$12,800	2021	$256,000	1	$26,400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Gym, Auditorium, And Cafeteria, Defective Climate Control System								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And First Floor Fan Rooms								
Air Handler	10%			2031	* *	1	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Heating And Ventilating Equipment Serves The Science Laboratories								
Convector/Radiator	60%	Now	$134,500	2024	$1,345,400	1	$41,400	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Various Locations With Damaged Danfoss Valves - Valves Do Not Have Protective Guard								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations With Faulty Thermostatic Steam Traps								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fan Coil Unit/Heat	10%	Now	$35,500	2021	$355,400	1	$6,900	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	5%			2027	* *	2	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Fan Room								
Explanation : Unit Serve Clinic At Basement Level								
Ext Pkg Unit - Heating/Cooling	15%			2031	* *	2	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Unit Serves Library								
Window/Wall Unit	50%			2024	$244,000	1		
No Component	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WALTON HIGH SCHOOL - BX

Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Dehumidifier								
Generic	100%			2030	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool House Roof								
Explanation : New Rooftop Package Pool Dehumidifier / Air Conditioning Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$209,600	
Exhaust Fans								
Interior	50%			2021	$131,200	2	$3,600	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement And First Floor Fan Rooms								
Roof	50%			2031	* *	2	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Exhaust Fans Serve Science Laboratory Fume Hoods								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2052	* *	1		
Galv Iron/Steel	90%			2024	$638,100	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Heater								
Gas Fired	100%			2024	$55,200	2	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2026	$11,100	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Pool Filter/Treatment								
Sand	100%			2043	* *	4		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement Pool Equipment Room								
Backflow Preventer								
Generic	100%			2031	* *	1	$14,500	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WALTON HIGH SCHOOL - BX

Asset # : 355

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2036	* *	1-2	$13,300	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**WASHINGTON HEIGHTS ACADEMY**			
Address	:	**202 SHERMAN AVENUE @ W.204 ST**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M366**
Program / Asset #	:	**BOE1108.000 / 14564**	**Yr Built/Renovated**	:	**2010 /**
Area Sq Ft	:	**78,919**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**02-Mar-2015**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4,5,ph**			
Block	:	**2226** **Lot** : **41**	**BIN**	:	**1081910**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$375,000	$191,000
Interior Architecture	$181,900	$118,400
Electrical		$72,400
Total	**$556,900**	**$381,800**
Importance Code A	$375,000	$191,000
Importance Code B	$42,200	$114,600
Importance Code C	$139,700	$76,200
Total	**$556,900**	**$381,800**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$67,200	$11,500		
Interior Architecture	$77,400	$13,200	$34,200	
Electrical	$2,100	$1,900	$600	$600
Mechanical	$48,100	$13,900	$40,000	$12,200
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$204,700**	**$50,400**	**$84,600**	**$22,700**
Importance Code A	$67,400	$11,500		
Importance Code B	$125,100	$25,600	$63,500	$22,700
Importance Code C	$12,300	$13,200	$21,200	
Total	**$204,700**	**$50,400**	**$84,600**	**$22,700**

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%	2-4	$328,100	LIFE	* *	5	$87,500	
Weepholes Not Funct, Extent : Moderate, Area Affected : 30%								
Location : East And West Facades, Above Windows								
Metal Panel	2%			2052	* *	5-10	$14,200	
Granite Panels	5%			LIFE	* *	5	$7,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$33,500	
Window Wall	3%			2052	* *	5	$11,600	
Windows								
Aluminum	100%			2048	* *	5	$15,000	
Parapets								
Cast in Place Concrete	40%			LIFE	* *	5	$93,700	
Masonry: Brick Cavity	45%			LIFE	* *	5-10	$34,900	
Metal Rail	5%			2043	* *	5-10	$10,300	
Pre-Cast Concrete	10%			LIFE	* *	5	$14,300	
Roof								
IRMA/Protected Membrane	60%			2034	* *	10	$33,900	
IRMA/Protected Membrane	40%			2034	* *	10	$22,600	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Penthouse								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$25,800	
Traffic Topping	2%			2031	* *	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Science Lab								
Explanation : Liquid Applied Floor Coating								
Vinyl Tile	88%			2034	* *	3	$39,000	
Wood	5%			2061	* *	5	$11,100	
Interior Walls								
Ceramic Tile	20%			2039	* *	5	$42,300	
Concrete Masonry Unit	8%			LIFE	* *	5	$13,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$8,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gymnasium								
Explanation : Acoustic Cmu								
Folding Partition	5%			2048	* *	5	$26,500	
Gypsum Board	60%			LIFE	* *	5-10	$215,900	
Masonry: Brick	2%			LIFE	* *	10	$1,300	

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DEPARTMENT OF EDUCATION - 040
WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	75%			2043	* *	5	$84,400	
Exposed Concrete	5%			LIFE	* *	5-10	$7,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Spandrels At Rooms 307, 309, 407								
Exposed Struc: Steel	15%			LIFE	* *	10	$33,800	
Gypsum Board	5%			LIFE	* *	5-10	$19,300	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2052	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Rated At 3000 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2052	* *	5	$300	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Fused Disc Sw	15%			2048	* *	5	$300	
Molded Case Bkrs	85%			2048	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2052	* *	1		
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	$72,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps & Compact								
Egress Lighting								
Exit, LED	50%			2061	* *	1		
Exit, Battery	50%			2034	* *	10	$2,700	
Exterior Lighting								
HID	100%			2034	* *	10	$200	
Lightning Protection								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$2,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	* *	1	$5,900	
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Terminal Devices								
Induction Unit	100%	Now	$15,100	2039	* *	1	$22,900	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Faulty Variable Air Volume Box Operation								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units Provide Heating With Gas Furnace And Cooling R-407c								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$128,300	
Ventilation								
Exhaust Fans								
Roof	15%			2034	* *	2	$400	
No Component	85%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Provided Through The A C Units								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2052	* *	1		
Water Heater								
Gas Fired	100%			2025	$18,400	2	$1,200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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DEPARTMENT OF EDUCATION - 040
WASHINGTON HEIGHTS ACADEMY
Asset # : 14564

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2034	* *	4	$2,500	
Sewage Ejector(s)								
Electric	100%			2034	* *	4	$2,500	
Backflow Preventer								
Generic	100%			2034	* *	1	$4,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To 5th Floor								
Explanation : 2 Units								
Fire Suppression								
Sprinkler								
Generic	100%			2052	* *	1-2	$22,100	
Fire Pump								
Generic	100%			2039	* *	1	$14,700	
Chemical System								
Generic	100%			2025	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	:	**WASHINGTON IRVING HIGH SCHOOL -M**			
Address	:	**40 IRVING PLACE BTWN: EAST 16 ST., EAST 17 ST.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**M460**
Program / Asset #	:	**BOE0126.000 / 698**	**Yr Built/Renovated**	:	**1913 / 2014**
Area Sq Ft	:	**375,000**	**Project Type**	:	**EDUCATION**
Date of Survey	:	**10-Oct-2014**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,6,11,12**			
Block	:	**872** **Lot** : **57**	**BIN**	:	**1017828**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,234,900	$1,034,700
Interior Architecture	$2,515,900	$2,095,000
Electrical	$895,200	$5,806,700
Mechanical	$1,300,500	$7,537,700
Total	**$5,946,500**	**$16,474,200**
Importance Code A	$1,234,900	$1,328,100
Importance Code B	$3,839,000	$14,919,700
Importance Code C	$872,500	$226,400
Total	**$5,946,500**	**$16,474,200**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$68,900			
Interior Architecture	$41,800		$31,600	$18,900
Electrical	$13,000	$2,800	$4,700	$5,700
Mechanical	$60,300	$53,100	$52,400	$31,700
Elevators/Escalators	$59,200	$59,200	$59,200	$59,200
Total	**$243,200**	**$115,200**	**$147,900**	**$115,500**
Importance Code A	$78,900			
Importance Code B	$142,200	$115,200	$147,900	$115,500
Importance Code C	$22,100			
Total	**$243,200**	**$115,200**	**$147,900**	**$115,500**

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%			LIFE	* *	5	$266,300	
Masonry: Brick	10%	Now	$171,400	LIFE	* *	5	$56,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Mechanical And Water Tank Room At Penthouse Level (12th Floor)								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Mechanical And Water Tank Room At Penthouse Level (12th Floor)								
Masonry: Brick	77%			LIFE	* *	5	$875,000	
Masonry: Granite	5%			LIFE	* *	5	$42,600	
Masonry: Limestone	5%			LIFE	* *	5	$42,600	
Windows								
Aluminum	100%	Now	$296,600	2034	* *	5	$70,800	
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$67,000	
Masonry: Limestone	3%			LIFE	* *	5-10	$4,000	
Pre-Cast Concrete	7%			LIFE	* *	5	$9,600	
Roof								
Built-Up (BUR)	55%			2021	$246,700	10	$53,900	
Built-Up (BUR)	20%	Now	$17,900	2021	$89,700			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : 12th Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Fan Room								
Copper/Terne	20%			2029	* *	10	$49,000	
Skylight, Metal/Glass	5%	Now	$36,200	2036	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Interior								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	* *	5	$331,400	
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%			2029	* *	5	$25,300	
Cork Tile	2%			2056	* *	5	$8,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 8th Floor Gymnasium								
Explanation : Cork Flooring								
Quarry Tile	5%			2039	* *	5	$37,900	
Terrazzo	5%			LIFE	* *	5	$39,500	
Vinyl Tile	10%	Now	$42,900	2036	* *	3	$18,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Uneven Substrate, Extent : Moderate, Area Affected : 15%								
Location : Basement Corridor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Vinyl Tile 9" X 9"	20%	Now	$111,300	2021	$1,112,700	3	$37,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Wood	38%	Now	$633,000	2041	* *	5	$179,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Gymnasium In Basement								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Rooms 645,648,649 And Various Others								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Upper Floor Gymnasiums								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Rooms 645,648, 649, Gymnasium In Basement								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$174,100	2029	* *	5	$15,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairs								
Concrete Masonry Unit	5%			LIFE	* *	5	$25,200	
Glass: Single Pane	5%	Now	$284,300	LIFE	* *	5	$23,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Stairs								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%								
Location : Stairs								
Masonry: Brick	5%			LIFE	* *	10	$9,500	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Gymnasium In Basement								
Granite Panels	5%	Now	$50,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Main Entrance Lobby								
Plaster	3%			LIFE	* *	5-10	$16,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Main Lobby								
Explanation : Frescos - Landmarked								
Plaster	50%			LIFE	* *	5-10	$268,000	
SGFT/Glazed Masonry	17%			LIFE	* *	10	$53,600	
Wood	5%			LIFE	* *	5	$252,300	
Ceilings								
AcousTileConcealSpLn	10%			2031	* *	5	$63,100	
Exposed Concrete	25%			LIFE	* *	5-10	$157,800	
Plaster	60%			LIFE	* *	5-10	$520,800	
Wood	5%			LIFE	* *	5	$441,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 4500 Amps								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2026	$391,000	5	$1,300	
Fused Knife Sw	20%	2-4	$97,700	2056	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2025	$47,800	5	$900	
Fused Knife Sw	10%	2-4	$47,800	2051	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Fused Toggle Switch	10%	2-4	$47,800	2051	* *	5	$400	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Equipment								
Molded Case Bkrs	10%			2042	* *	5	$1,000	
Molded Case Bkrs	50%			2025	$239,200	5	$4,900	
Molded Case Bkrs	10%			2034	* *	5	$1,000	
Wiring								
Braided Cloth	90%	2-4	$701,700	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	$230,200	5	$2,500	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Water Main								
Explanation : Corroded								
Lighting								

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WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2026	$3,373,300	10	$278,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	10%			2021	$374,800	2	$800	
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$40,700	
Exit, Service	50%			2031	* *	1		
Exterior Lighting								
Under Construction	100%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	$226,900	1	$28,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Utility Steam	100%			2026	$111,200	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2022	$209,300	5	$20,000	
Distribution								
Steam Piping/Pump	10%			2052	* *	4	$1,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Basement, New Condensate Return Pumping System								
Steam Piping/Pump	90%			2026	$2,120,400	4	$22,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, Steam And Condensate Piping Are Beyond Useful Life Cycle Rating								

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DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	30%			2021	$545,800	1	$62,600	
Obsolete Equipment, Extent : Light, Area Affected : 65%								
Location : The Gyms, And Cafeteria Blowers Are Obsolete								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : The Gyms, Cafeteria, Auditorium And Library Blowers Are Beyond Their Useful Life Cycle Rating								
Convector/Radiator	60%	0-2	$382,500	2024	$1,912,300	1	$58,900	
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Throughout, Defective Steam Traps, And Climate Control System								
Fan Coil Unit/Heat	10%			2021	$505,200	1	$10,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Unit Ventilators Are Beyond Their Useful Life Cycle Rating								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Unit Ventilators Are Not Used For The Purpose Intended - Space Tends To Overheat								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$1,600	2031	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : M.d.f. Closet, 1 Of 5 Units Leaky Refrigerant Line								
Window/Wall Unit	60%			2024	$416,200	1		
Window/Wall Unit	15%	0-2	$10,400	2021	$104,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Throughout Classrooms, Multiple Mechanical And Or Electrical Defects								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$297,900	
Exhaust Fans								
Interior	100%	Now	$111,900	2021	$373,000	2	$8,300	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Fan Room, Exhaust Fans Are Beyond Their Useful Life Cycle Rating								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$1,007,800	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Domestic Water Piping Beyondr Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Construction Under Way On A New Booster Pumping System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WASHINGTON IRVING HIGH SCHOOL -M
Asset # : 698

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Low Temp	100%			2026	$104,700	4	$50,000	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$146,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Storm Drain Piping								
Cast Iron	100%	Now	$94,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Sump Pump(s)								
Rigid Piping	100%			2021	$11,100	4	$2,500	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Sump Pumps Are Beyond Their Useful Life Cycle Rating								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Units								
Fire Suppression								
Standpipe								
Generic	100%	0-2	$481,700	2046	* *	1-5	$119,700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Water Tank								
Explanation : Tank In Poor Condition - scheduled To Be Repaired Or Replaced								
Sprinkler								
No Component	95%							
Generic	5%			2036	* *	1-2	$4,700	
Fire Pump								
Under Construction	100%							
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **WEB DUBOIS ACADEMIC H.S. - BK**		
Address	: **402 EASTERN PKWY. @ BEDFORD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K824**
Program / Asset #	: **BOE1081.000 / 14427**	**Yr Built/Renovated**	: **1912 / 1993**
Area Sq Ft	: **55,730**	**Project Type**	: **EDUCATION**
Date of Survey	: **25-Feb-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1267** **Lot** : **1**	**BIN**	: **3032886**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$41,100	$298,100
Interior Architecture	$836,800	$731,300
Electrical	$173,200	$1,433,700
Mechanical	$59,100	
Total	**$1,110,200**	**$2,463,000**
Importance Code A	$41,100	$298,100
Importance Code B	$1,069,100	$2,125,800
Importance Code C		$39,100
Total	**$1,110,200**	**$2,463,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$33,200	$3,100		
Interior Architecture		$1,300	$1,300	$9,600
Electrical	$600	$700	$1,300	$13,200
Mechanical	$6,800	$11,600	$26,800	$15,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$44,600**	**$20,600**	**$33,300**	**$42,600**
Importance Code A	$37,900	$5,300	$3,200	$2,300
Importance Code B	$6,700	$15,300	$30,100	$40,300
Importance Code C				
Total	**$44,600**	**$20,600**	**$33,300**	**$42,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

WEB DUBOIS ACADEMIC H.S. - BK

Asset # : 14427

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Bronze/Brass	5%			LIFE	* *			
Cast in Place Concrete	15%			LIFE	* *	5	$36,600	
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$95,400	
Masonry: Brick	50%			LIFE	* *	5	$24,400	
Stucco Cement	5%			2038	* *	5	$6,100	
Windows								
Aluminum	100%			2041	* *	5	$22,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	90%	Now	$41,100	LIFE	* *	5	$3,600	1
Miss/Damaged Flashings, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Roof								
Modified Bitumen	100%	Now	$33,200	2025	$166,100			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	$5,500	
Ceramic Tile	3%			2034	* *	5	$2,500	
Quarry Tile	2%			2038	* *	5	$2,500	
Vinyl Tile	92%	0-2	$195,800	2025	$652,500	3	$28,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : At Various Locations								
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : At Various Locations								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Water Damage At Storage Rooms Adjacent To Street								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,500	
Gypsum Board	85%			LIFE	* *	5	$39,100	
Masonry: Brick	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	95%	Now	$641,000	2045	* *	5	$39,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Exposed Concrete	5%			LIFE	* *	5	$700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	$20,800	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 4000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	$146,600	5	$200	
Raceway								
Conduit	5%			2035	* *	1		
Conduit	95%			2025	$117,700	1		
Panelboards								
Fused Disc Sw	2%			2033	* *	5		
Molded Case Bkrs	95%			2024	$99,400	5	$1,400	
Molded Case Bkrs	3%			2033	* *	5		
Wiring								
Thermoplastic	5%			2035	* *	1		
Thermoplastic	95%			2025	$165,200	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	98%			2025	$606,700	10	$50,100	
T-12 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2020	$12,400	2		
Egress Lighting								
Emergency, Battery	50%			2025	$37,600	10	$6,700	
Exit, Service	50%			2025	$7,500	1		
Exterior Lighting								
HID	100%			2025	$210,500	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2033	* *	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : C C T V Surveillance Cameras								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$173,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways								
Explanation : Manual Pull Stations And Alarm Bells Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : Electric Resistance Heat								
Natural Gas	80%			2045	* *	1		
Conversion Equipment								
Furnace	80%			2030	* *	1	$22,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Gas Fired Roof Top Package Units								
Radiant Heater	20%	Now	$2,500	2030	* *	2	$4,100	
Not in Service, Extent : Moderate, Area Affected : 8%								
Location : 4 Units, Various Locations								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Explanation : 12 Induct Units								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%			2030	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 97%								
Location : Roof								
Explanation : (4) Roof Top, Packaged; Replaced In 2009 Using Type 407-a Refrigerant								
Window/Wall Unit	5%	4+	$300	2020	$5,700	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Art Room, Principal And Assistant Principal Offices								
Explanation : Additional Units Needed								
Distribution								
Ductwork/Diffusers	100%	0-2	$59,100	LIFE	* *	2	$72,500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : System Needs Air Balancing Throughout								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$31,100	
Exhaust Fans								
Roof	100%			2030	* *	2	$1,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Electric	100%			2024	$8,600	4	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor Heater Room								
Explanation : (2) 80 Gallons Storage Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEB DUBOIS ACADEMIC H.S. - BK
Asset # : 14427

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	$6,700	4	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Floor Storage Rooms								
Explanation : (1) Dual Pump Serving Drains; (1) Pump Serving Storm Disposal								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : L, 1, 2, 3								
Explanation : 1 Unit Not Currently In Service								
Fire Suppression								
Standpipe								
No Component	30%							
Generic	70%			2035	* *	1-5	$20,400	
Sprinkler								
No Component	80%							
Generic	20%			2035	* *	1-2	$3,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **WEST BROOKLYN COMMUNITY H.S. -BK**		
Address	: **1053 41ST STREET BTWN 10 AVE - FT. HAMILTON PKWY**		
Borough	: **BROOKLYN**	**Agency's Number**	: **LEASE-K781**
Program / Asset #	: **BOE1080.000 / 14426**	**Yr Built/Renovated**	: **1958 / 2013**
Area Sq Ft	: **37,062**	**Project Type**	: **EDUCATION**
Date of Survey	: **07-Mar-2014**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5587** **Lot** : **38**	**BIN**	: **3328583**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$100,700	$35,100
Interior Architecture	$278,000	
Electrical	$171,700	$142,200
Mechanical		$68,600
Total	**$550,500**	**$245,900**
Importance Code A	$100,700	$35,100
Importance Code B	$449,700	$210,800
Total	**$550,500**	**$245,900**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$42,900			$3,600
Interior Architecture	$33,500	$5,700	$3,700	$2,400
Electrical	$500	$400	$800	$48,400
Mechanical	$61,100	$4,900	$8,000	$4,900
Total	**$137,900**	**$11,100**	**$12,400**	**$59,300**
Importance Code A	$46,500	$3,700	$3,700	$7,300
Importance Code B	$87,000	$7,400	$6,500	$52,000
Importance Code C	$4,400		$2,300	
Total	**$137,900**	**$11,100**	**$12,400**	**$59,300**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	$53,000	LIFE	* *	5	$35,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 100%								
Location : Masonry Relieving Angles At All Windows								
Masonry: Granite	5%			LIFE	* *	5	$1,500	
Masonry: Limestone	10%	Now	$9,000	LIFE	* *	5	$3,100	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Above Main Entrance								
Other Observation, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Explanation : Limestone Window Sills Are Stained From Rust Running Down From Metal Window Guards								
Windows								
Aluminum	90%			2050	* *	5	$7,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Steel	10%	Now	$47,700	2050	* *	5	$5,000	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Various Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	70%	0-2	$13,300	LIFE	* *	5	$4,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Masonry: Limestone	30%	0-2	$10,400	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : Limestone Coping Is Stained								
Roof								
Modified Bitumen	100%	0-2	$10,100	2033	* *			
Alligatoring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Ceramic Tile	5%			2034	* *	5	$2,800	
Terrazzo	30%	0-2	$15,500	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : At Various Locations								
Vinyl Tile	25%			2030	* *	3	$5,200	
Vinyl Tile 9" X 9"	35%	0-2	$64,200	2020	$213,900	3	$7,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	5%			2053	* *	5	$5,200	
Interior Walls								
Ceramic Tile	10%			2034	* *	5	$4,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,800	
Masonry: Brick	5%			LIFE	* *			
Plaster	60%	4+	$4,400	LIFE	* *	5	$8,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Various Locations								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTile,Adhered	5%			2038	* *	5	$2,800	
Exposed Concrete	1%			LIFE	* *	5	$100	
Plaster	94%	4+	$13,700	LIFE	* *	5	$32,600	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- 400 Amperes Main Service Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	* *	5	$200	
Raceway								
Conduit	85%			2025	$44,700	1		
Conduit	15%			2051	* *	1		
Panelboards								
Molded Case Bkrs	85%			2024	$63,500	5	$800	
Molded Case Bkrs	15%			2047	* *	5	$100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Braided Cloth	85%	2-4	$56,600	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	15%			2051	* *	1		
Motor Controllers								
Locally Mounted	25%			2042	* *	5	$100	
Locally Mounted	75%			2023	$34,000	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	$32,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2030	* *	10	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Staircase Landings								
Explanation : Compact Fluorescent Lamps								
Incandescent	3%			2020	$12,400	2		
Egress Lighting								
Emergency, Battery	25%			2030	* *	10	$2,200	
Emergency, Battery	25%			2025	$12,500	10	$2,200	
Exit, Service	25%			2030	* *	1		
Exit, Service	25%			2025	$2,500	1		
Exterior Lighting								
Fluorescent	10%			2030	* *	10	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Entrance								
Explanation : Compact Fluorescent Lamps								
HID	90%			2030	* *	10	$100	
Alarm								
Security System								
No Component	75%							
Generic	25%			2025	$28,000	1	$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Building Intrusion Alarm System Is Tied In To Central Monitoring Station - Motion Sensors Were Observed At Each Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2020	$115,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Oil Storage								
Explanation : 75,000 Gal No. 2 Fuel Oil								
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$36,700	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	Now	$25,900	2035	* *	4	$1,800	
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Basement Under Slab								
Terminal Devices								
Convector/Radiator	100%			2030	* *	1	$12,000	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2023	$68,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,700	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Various Areas								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Ductwork Hasn't Been Used For Long Time Due To Inoperable Exhaust Fans								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WEST BROOKLYN COMMUNITY H.S. -BK
Asset # : 14426

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$29,500	2035	* *	2	$900	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : New Lab Exhaust Fan Not Wired At This Time								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2025	$11,100	4	$2,500	
Backflow Preventer								
No Component	90%							
Generic	10%			2030	* *	1	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Boiler Room								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **WILLIAM C. BRYANT HIGH SCHOOL -Q**
Address : **48-10 31 AVE.**
Borough : **QUEENS**
Program / Asset # : **BOE0877.000 / 1470**
Area Sq Ft : **275,100**
Date of Survey : **18-Sep-2014**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4**
Block : **738** **Lot** : **2**

Agency's Number : **Q445**
Yr Built/Renovated : **1939 / 2013**
Project Type : **EDUCATION**
Landmark Status : **NONE**
BIN : **4013655**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$476,200	$522,000
Interior Architecture	$1,011,100	$2,298,700
Electrical		$7,052,000
Mechanical	$154,600	$7,500,800
Total	**$1,641,900**	**$17,373,500**
Importance Code A	$476,200	$2,048,700
Importance Code B	$957,600	$15,238,800
Importance Code C	$208,100	$86,100
Total	**$1,641,900**	**$17,373,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$30,800	$8,800	$11,300	
Interior Architecture	$81,100		$46,600	$22,200
Electrical	$13,500	$3,900	$3,500	$6,300
Mechanical	$122,600	$44,500	$69,700	$56,300
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$256,000**	**$65,100**	**$139,000**	**$92,600**
Importance Code A	$60,100	$38,100	$40,700	$29,400
Importance Code B	$164,600	$27,000	$85,800	$63,300
Importance Code C	$31,200		$12,600	
Total	**$256,000**	**$65,100**	**$139,000**	**$92,600**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$293,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	10%			LIFE	* *	5	$33,900	
Masonry: Limestone	25%			LIFE	* *	5	$84,600	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : North Facade								
Explanation : Painted Surfaces								
Windows								
Aluminum	98%	Now	$229,400	2042	* *	5	$13,700	
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glass Block	2%			LIFE	* *	5	$700	
Parapets								
Masonry: Brick Cavity	80%			LIFE	* *	5-10	$67,700	
Masonry: Limestone	10%			LIFE	* *	5-10	$15,100	
Metal Rail	10%			2043	* *	5-10	$22,300	
Roof								
Copper/Terne	25%			2061	* *	10	$157,000	
Modified Bitumen	70%			2034	* *	10	$175,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Paver: Asphalt	3%			2029	* *	10	$11,300	
Skylight, Metal/Glass	2%			2036	* *	10	$16,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$97,000	
Ceramic Tile	5%			2029	* *	5	$22,200	
Quarry Tile	3%			2039	* *	5	$20,000	
Terrazzo	5%			LIFE	* *	5	$34,700	
Vinyl Tile	15%			2026	$565,800	3	$33,300	
Vinyl Tile 9" X 9"	25%			2021	$1,221,600	3	$55,400	
Wood	42%	4+	$307,200	2041	* *	5	$174,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Classrooms								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	$25,200	
Concrete Masonry Unit	3%			LIFE	* *	5	$12,100	
Masonry: Brick	10%			LIFE	* *	10	$15,100	
Marble Panels	5%			LIFE	* *	10	$10,100	
Plaster	57%			LIFE	* *	5-10	$243,800	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$50,300	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileConcealSpLn	5%			2039	* *	5	$25,900	
Exposed Concrete	15%			LIFE	* *	5-10	$77,800	
Metal Panel	2%			LIFE	* *	5	$20,700	
Plaster	28%	Now	$152,400	LIFE	* *	5	$72,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair 14/15, Gymnasium, Room 441								
Plaster	50%			LIFE	* *	5-10	$356,400	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$84,000	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 3- Main Service Switches Rated @ 2000 Amperes Each								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	$488,700	5	$1,200	
Raceway								
Conduit	90%			2026	$520,200	1		
Conduit	10%			2036	* *	1		
Panelboards								
Fused Disc Sw	15%			2025	$71,800	5	$900	
Fused Disc Sw	5%			2034	* *	5	$300	
Molded Case Bkrs	75%			2025	$358,800	5	$5,400	
Molded Case Bkrs	5%			2034	* *	5	$400	
Wiring								
Thermoplastic	85%			2026	$662,800	1		
Thermoplastic	15%			2036	* *	1		
Motor Controllers								
Locally Mounted	90%			2043	* *	5	$1,700	
Locally Mounted	10%			2024	$23,000	5	$200	
Ground								
Grounding Devices								
Generic	100%	2-4	$9,500	LIFE	* *	5	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$3,226,200	10	$266,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
Fluorescent	1%			2026	$32,900	10	$2,700	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Lobby								
HID	1%			2021	$23,700	10	$100	
Egress Lighting								
Emergency, Battery	50%			2026	$199,900	10	$35,800	
Exit, Service	50%			2026	$40,000	1		
Exterior Lighting								
HID	100%			2021	$1,039,000	10	$800	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$30,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Hallways And Outside								
Explanation : C C T V Surveillance Cameras System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Manual Pull Stations, Smoke Detectors, Alarm Bells								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	$729,900	5	$91,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Vault								
Explanation : 20,000 Gallon Tank								
Conversion Equipment								
Steam Boiler	100%			2024	$1,442,700	1	$293,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 5 Units								
Distribution								
Steam Piping/Pump	100%	Now	$103,500	2026	$2,069,300	4	$14,600	
Steam Traps Faulty, Extent : Severe, Area Affected : 30%								
Location : Throughout								

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DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	25%	Now	$20,000	2026	$399,500	1	$41,200	
Malfunctioning, Extent : Moderate, Area Affected : 25%								
Location : Pneumatic Control System Is Leaking Throughout								
Convector/Radiator	65%			2024	$1,819,600	1	$62,200	
Unit Heater-Stm/HW	10%	Now	$9,600	2026	$191,400	4	$2,700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 1st Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$18,300	2021	$60,900	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Multiple Locations								
Explanation : Aging Units								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$51,200	LIFE	* *	2-5	$165,300	
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Damper Control Chains, Basement And Penthouse								
Exhaust Fans								
Interior	95%	Now	$6,200	2026	$311,200	2	$6,900	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Flexible Connections, Penthouse								
Roof	5%			2026	$11,800	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$17,700	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement Water Main Valve Room								
Water Heater								
Electric	100%	Now	$2,300	2024	$45,900	4	$1,700	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Explanation : No Circulating Pump To Storage Tank								
HW Heat Exchanger								
High Temp	50%	Now	$4,600	2026	$92,000	4	$14,700	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Boiler Room								
Explanation : 1 Unit Has Visible Leaks								
Low Temp	50%			2036	* *	4	$14,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM C. BRYANT HIGH SCHOOL -Q
Asset # : 1470

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 90%								
Location : B-4								
Explanation : 1 Unit								
Geared Traction	10%			LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : B - G								
Explanation : 1 Freight Unit - Not In Service For Many Years								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2026	$173,000	1-2	$4,200	
Chemical System								
Generic	100%			2021	$26,100	1-3	$55,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name	: **WILLIAM E. GRADY HIGH SCHOOL -BK**		
Address	: **25 BRIGHTON 4TH RD. BTWN: BRIGHTON 6 ROAD**		
Borough	: **BROOKLYN**	**Agency's Number**	: **K620**
Program / Asset #	: **BOE0650.000 / 1212**	**Yr Built/Renovated**	: **1957 / 2015**
Area Sq Ft	: **200,000**	**Project Type**	: **EDUCATION**
Date of Survey	: **08-Apr-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,ph**		
Block	: **7261** **Lot** : **47**	**BIN**	: **3196353**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,124,500	$381,300
Interior Architecture	$1,585,600	$154,500
Electrical	$311,900	$1,453,200
Mechanical	$93,300	$363,400
Total	**$3,115,300**	**$2,352,500**
Importance Code A	$1,124,500	$423,300
Importance Code B	$1,851,700	$1,885,300
Importance Code C	$139,000	$43,900
Total	**$3,115,300**	**$2,352,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$8,500		$3,700	
Interior Architecture	$88,100	$8,100	$14,100	$25,300
Electrical	$30,600	$2,200	$4,400	$4,600
Mechanical	$32,900	$11,900	$28,500	$16,300
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$164,100**	**$26,100**	**$54,600**	**$50,100**
Importance Code A	$8,500		$3,700	
Importance Code B	$103,400	$26,100	$50,900	$40,900
Importance Code C	$52,100			$9,100
Total	**$164,100**	**$26,100**	**$54,600**	**$50,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	65%			LIFE	* *	5	$196,200	
Metal Panel	10%	Now	$43,400	2036	* *	5	$28,300	
Deformed/Dented, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Coiling Doors	5%	Now	$171,300	2039	* *	5	$11,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Panel/Paver: Limestone	15%	Now	$247,400	LIFE	* *	5	$17,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Auditorium Wing								
Window Wall	5%			2046	* *	5	$28,300	
Windows								
Aluminum	95%	Now	$151,600	2042	* *	5	$9,000	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Louvers	5%			2035	* *	10	$6,000	
Parapets								
Masonry: Brick Cavity	85%	Now	$88,100	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of Penthouse								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Interior Face Of Penthouse								
Metal Panel	2%			2046	* *	5	$900	
Metal Rail	3%			2039	* *	5-10	$6,100	
Panel/Paver: Limestone	10%			LIFE	* *	5-10	$9,700	
Roof								
Built-Up (BUR)	52%	Now	$108,800	2031	* *			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
Location : Over Third Floor								
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Over Third Floor								
Copper/Terne	3%			2041	* *	10	$17,100	
Modified Bitumen	15%			2031	* *	10	$34,200	
Roll Roofing	25%	Now	$47,100	2025	$235,600	5	$47,600	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Skylight, Metal/Glass	5%	Now	$168,700	2046	* *			
Open Joints, Extent : Moderate, Area Affected : 25%								
Location : Over Lobby								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lobby								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$70,500	
Ceramic Tile	5%			2035	* *	5	$16,100	
Slate	5%			LIFE	* *	5	$34,300	
Terrazzo	5%	Now	$75,000	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Lobby								
Vinyl Tile	20%			2036	* *	3	$24,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Vinyl Tile	35%			2031	* *	3	$42,300	
Vinyl Tile 9" X 9"	20%	Now	$710,500	2036	* *	3	$24,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Corridors								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Wood	5%			2041	* *	5	$30,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$18,300	
Concrete Masonry Unit	30%			LIFE	* *	5	$87,800	
Glass: Single Pane	5%			LIFE	* *	5	$27,400	
Gypsum Board	10%			LIFE	* *	5-10	$62,200	
Metal Panel	5%			LIFE	* *	10	$8,200	
Plaster	15%			LIFE	* *	5-10	$46,600	
SGFT/Glazed Masonry	30%			LIFE	* *	10	$54,900	
Ceilings								
AcousTile,Adhered	25%	Now	$350,400	2039	* *	5	$37,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Corridors								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Corridor(s)								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Corridor(s)								
Exposed Concrete	50%			LIFE	* *	5-10	$188,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cafeteria, Lobby								
Exposed Struc: Steel	10%			LIFE	* *	10	$60,300	
Fiber Board	5%			2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Metal Panel	5%			LIFE	* *	5	$37,700	
Metal Panel	5%	Now	$50,300	LIFE	* *	5	$18,800	
Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	$42,000	5	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Air Circuit Breaker	20%			2026	$48,900	5	$200	
Molded Case Bkrs	80%			2026	$195,500	5	$4,200	
Raceway								
Conduit	100%			2026	$289,000	1		
Panelboards								
Fused Disc Sw	10%			2025	$25,400	5	$500	
Fused Knife Sw	10%	2-4	$25,400	2051	* *	5	$200	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Molded Case Bkrs	80%			2025	$203,300	5	$4,200	
Wiring								
Braided Cloth	80%	2-4	$311,900	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2026	$78,000	1		
Motor Controllers								
Locally Mounted	30%			2024	$34,500	5	$400	
Motor Control Center	70%			2024	$406,900	5	$3,800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$5,900	
Lighting								
Interior Lighting								
Fluorescent	96%			2034	* *	10	$189,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	4%			2036	* *			
Egress Lighting								
Emergency, Battery	50%			2031	* *	10	$26,000	
Exit, Service	45%			2036	* *	1		
Exit, Service	5%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$600	
Alarm								
Security System								
No Component	70%							
Generic	30%			2034	* *	1	$22,400	

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DEPARTMENT OF EDUCATION - 040
WILLIAM E. GRADY HIGH SCHOOL -BK
Asset # : 1212

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	* *	5	$66,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Vault								
Explanation : 2- 13,000 Gallon Tanks								
Conversion Equipment								
Under Construction	100%							
Distribution								
Under Construction	100%							
Terminal Devices								
Convector/Radiator	80%			2031	* *	1	$55,700	
Under Construction	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2034	* *	2	$700	
Window/Wall Unit	30%	Now	$39,900	2024	$132,900	1		
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Office Spaces, Multiple Mechanical Defects								
Window/Wall Unit	40%			2025	$177,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$190,200	
Exhaust Fans								
Interior	90%			2031	* *	2	$5,900	
Roof	10%			2031	* *	2	$700	
Plumbing								
H/C Water Piping								
Under Construction	100%							
Water Heater								
Under Construction	100%							
Sanitary Piping								
Under Construction	100%							
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Under Construction	100%							

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DEPARTMENT OF EDUCATION - 040

WILLIAM E. GRADY HIGH SCHOOL -BK

Asset # : 1212

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sewage Ejector(s)								
Under Construction	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-3								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2036	* *	1-2	$18,100	
Chemical System								
Generic	100%			2026	$26,100	1-3	$55,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Kitchen								

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **WILLIAM H. MAXWELL CTE H.S. - BK**
Address : **145 PENNSYLVANIA AVE. BTWN: LIBERTY AVE., GLENMORE AVE**
Borough : **BROOKLYN**
Agency's Number : **K660**
Program / Asset # : **BOE0655.000 / 2740**
Yr Built/Renovated : **1913 / 2015**
Area Sq Ft : **150,000**
Project Type : **EDUCATION**
Date of Survey : **12-Dec-2014**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,3**
Block : **3704** **Lot** : **1**
BIN : **3083660**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$1,552,000	$361,200
Interior Architecture	$528,500	$591,100
Electrical		$2,558,600
Mechanical	$33,400	$1,605,700
Total	**$2,114,000**	**$5,116,500**
Importance Code A	$1,552,000	$361,200
Importance Code B	$499,500	$4,755,300
Importance Code C	$62,400	
Total	**$2,114,000**	**$5,116,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$15,800			
Interior Architecture	$187,600		$44,200	$7,600
Electrical	$32,900	$11,500	$15,500	$11,500
Mechanical	$118,200	$55,000	$52,600	$51,400
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$364,400**	**$76,400**	**$122,200**	**$80,400**
Importance Code A	$29,200	$13,400	$13,400	$13,400
Importance Code B	$245,600	$63,000	$102,600	$67,000
Importance Code C	$89,600		$6,300	
Total	**$364,400**	**$76,400**	**$122,200**	**$80,400**

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	47%			LIFE	* *	5	$187,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	47%	Now	$282,900	LIFE	* *	5	$93,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Masonry: Granite	3%			LIFE	* *	5	$9,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$9,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Windows								
Aluminum	40%	Now	$171,400	2042	* *	5	$10,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : 1996 Wing Addition								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : 1998 Wing								
Wood	60%	0-2	$860,800	2051	* *	5	$153,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : 1913 Wing								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : 1913 Wing								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 1913 Wing								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Cast Stone/Terra Cotta	3%			LIFE	* *	5-10	$8,000	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	47%			LIFE	* *	5-10	$30,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Masonry: Brick	47%			LIFE	* *	5-10	$30,300	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Pre-Cast Concrete	3%	Now	$1,000	LIFE	* *	5	$1,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping 1998 Wing								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Coping 1998 Wing								
Roof								
IRMA/Protected Membrane	50%	Now	$42,300	2031	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : 1913 Wing								
Paver Block Ballast, Extent : Moderate, Area Affected : 100%								
Location : 1913 Wing								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
IRMA/Protected Membrane	3%	Now	$4,100	2026	$20,300			
Insul Miss/Displaced, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead At 1998 Wing								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Metal Panel	47%	Now	$45,000	2039	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Interior								

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$70,700	
Ceramic Tile	5%	Now	$9,800	2035	* *	5	$5,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2039	* *	5	$15,200	
Terrazzo	2%			LIFE	* *	5	$6,300	
Vinyl Tile	30%			2026	$515,300	3	$30,300	
Vinyl Tile	45%			2031	* *	3	$34,100	
Wood	5%	4+	$33,300	2041	* *	5	$9,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$31,500	
Ceramic Tile	5%			2029	* *	5	$12,600	
Concrete Masonry Unit	25%			LIFE	* *	5	$50,500	
Gypsum Board	5%			LIFE	* *	5-10	$21,400	
Plaster	45%			LIFE	* *	5-10	$96,500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$18,900	
Ceilings								
AcousTile,Adhered	40%			2039	* *	5	$80,800	
AcousTileConcealSpLn	15%			2039	* *	5	$37,900	
Embossed Metal	5%	Now	$177,600	LIFE	* *	5	$4,500	
Deformed/Dented, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Struc: Steel	25%	4+	$212,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Gypsum Board	5%			LIFE	* *	5-10	$34,700	
Plaster	10%			LIFE	* *	5-10	$34,700	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Etectrical Room								
Explanation : Three Service Switches: 3000 Amps, 1600 Amps And 1200 Amps								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$600	

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$4,000	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$1,000	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Connected With Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$46,200	
Generators								
Diesel	100%			2035	* *	1	$58,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 300 Kw, Genset								
Batteries								
Nickel Cadmium	100%			2019	$1,500	5	$33,400	
Fuel Storage								
Main Tank	100%			2054	* *	5	$4,000	
Lighting								
Interior Lighting								
Fluorescent	98%			2026	$1,469,300	10	$121,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : T-8 Lamps								
HID	2%			2026	$21,500	10	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Gym								
Explanation : Metal Halide And Mercury								
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Exterior Lighting								
HID	100%			2021	$566,500	10	$500	
Alarm								
Security System								
No Component	80%							
Generic	20%			2021	$90,800	1	$11,200	

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DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2021	$310,700			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$133,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 3 Boilers & 4 Heat Exchangers								
Distribution								
Hot Wtr Piping/Pump	90%	Now	$12,200	2034	* *	4	$6,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : 4th Floor.								
Steam Piping/Pump	10%			2036	* *	4	$700	
Terminal Devices								
Air Handler	20%			2026	$145,600	1	$16,700	
Convector/Radiator	50%	Now	$31,900	2031	* *	1	$19,600	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Stream Traps Throughout								
Fan Coil Unit/Heat	30%			2026	$606,300	1	$13,100	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	40%			2029	* *	1	$58,400	
Ext Pkg Unit - Cooling	5%	Now	$3,100	2026	$31,200	2	$300	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : 4th Floor								
Window/Wall Unit	40%	Now	$22,200	2021	$111,000	1		
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Throughout								
No Component	15%							
Distribution								
Chilled Wtr Pipe/Pump	40%			2036	* *	4	$2,700	
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$97,500	1	$16,700	
Fan Coil - Cool/Heat	20%			2026	$434,400	1	$8,700	
No Component	60%							

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DEPARTMENT OF EDUCATION - 040

WILLIAM H. MAXWELL CTE H.S. - BK

Asset # : 2740

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Condenser Unit	40%			2026	$91,700	2	$37,600	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$119,200	
Exhaust Fans								
Interior	80%			2026	$119,400	2	$3,300	
Roof	20%	Now	$1,100	2026	$21,500	2	$700	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : On Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
Water Heater								
Gas Fired	100%			2021	$31,400	2	$2,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	$600	2026	$11,100	4	$1,600	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement								
Sewage Ejector(s)								
Electric	100%			2026	$11,100	4	$2,500	
Backflow Preventer								
Generic	100%			2026	$13,100	1	$8,300	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 80%								
Location : C-5								
Explanation : 2 Units								
Hydraulic	20%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : C-1								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$68,000	
Sprinkler								
Generic	100%			2036	* *	1-2	$37,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. MAXWELL CTE H.S. - BK
Asset # : 2740

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Fire Pump								
Generic	100%	Now	$2,000	2035	* *	1	$22,700	
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Basement								
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **WILLIAM H. TAFT HIGH SCHOOL - BX**
Address : **240 E. 172ND STREET BTWN: SHERIDAN AVE., MORRIS AVE.**
Borough : **BRONX** | **Agency's Number** : **X410**
Program / Asset # : **BOE0321.000 / 351** | **Yr Built/Renovated** : **1941 / 2010**
Area Sq Ft : **281,000** | **Project Type** : **EDUCATION**
Date of Survey : **30-Jun-2015** | **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Sub Basement, Roof, Floors 1,2,4,PH**
Block : **2817** **Lot** : **2** **BIN** : **2007806**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$212,200	$344,000
Interior Architecture	$952,200	$278,500
Electrical		$1,819,200
Mechanical	$508,200	$604,300
Total	**$1,672,600**	**$3,046,000**
Importance Code A	$212,200	$344,000
Importance Code B	$1,173,800	$2,645,400
Importance Code C	$286,700	$56,700
Total	**$1,672,600**	**$3,046,000**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$101,600		$33,200	
Interior Architecture	$70,100		$14,600	$36,800
Electrical	$25,000	$16,800	$25,300	$16,800
Mechanical	$92,300	$40,900	$62,200	$47,700
Elevators/Escalators	$27,200	$3,900	$3,900	$3,900
Total	**$316,200**	**$61,600**	**$139,400**	**$105,200**
Importance Code A	$129,000	$27,400	$60,700	$27,400
Importance Code B	$142,100	$34,200	$68,200	$77,800
Importance Code C	$45,100		$10,500	
Total	**$316,200**	**$61,600**	**$139,400**	**$105,200**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$78,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	75%			LIFE	* *	5	$235,500	
Masonry: Granite	10%			LIFE	* *	5	$23,600	
Masonry: Limestone	5%			LIFE	* *	5	$11,800	
Metal Panel	5%			2046	* *	5-10	$54,000	
Windows								
Aluminum	100%			2034	* *	5	$66,500	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$30,000	
Masonry: Brick	65%			LIFE	* *	5-10	$64,600	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5-10	$35,500	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Security Bars	5%			2054	* *			
Roof								
Built-Up (BUR)	40%	Now	$31,300	2031	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor Gymnasium								
Other Observation, Extent : Light, Area Affected : 95%								
Location : Throughout								
Explanation : Ballasted								
Built-Up (BUR)	24%			2031	* *	10	$41,000	
Cast in Place Concrete	10%	Now	$5,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Terrace; Leaks Into Cafeteria								
Copper/Terne	25%			2054	* *	10	$106,700	
Skylight, Metal/Glass	1%			2046	* *	10	$5,700	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	2%			2025	$105,800	3	$12,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Offices								
Cast in Place Concrete	10%			LIFE	* *	5	$181,200	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Boys Locker Room								
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Basement								
Ceramic Tile	5%	2-4	$40,100	2035	* *	5	$10,400	
Worn/Eroded, Extent : Light, Area Affected : 50%								
Location : Toilets								
Terrazzo	5%			LIFE	* *	5	$32,400	
Traffic Topping	2%			2031	* *	5	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Science Labs								
Explanation : Concrete Topping Over Slab Floor								
Vinyl Tile	71%	Now	$250,100	2031	* *	3	$110,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Lockers								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Stairs And Lockers								
Wood	5%	4+	$68,300	2054	* *	5	$19,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium And Stage								
Worn/Eroded, Extent : Moderate, Area Affected : 75%								
Location : Gymnasium And Stage								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$52,500	
Ceramic Tile	5%			2029	* *	5	$21,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$16,800	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Exact Source Unidentifiable In Sub-basement								
Masonry: Brick	6%	Now	$49,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Basement And Sub-basement								
Masonry: Brick	4%			LIFE	* *	10	$5,000	
Marble Panels	5%			LIFE	* *	10	$8,400	
Plaster	45%			LIFE	* *	5-10	$160,500	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Throughout								
SGFT/Glazed Masonry	25%	Now	$81,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Cafeteria, Stairwells, Corridor 1st Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$7,100	2039	* *	5	$8,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Cafeteria								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Cafeteria								
Exposed Concrete	23%	Now	$51,800	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Sub-basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement, Sub-basement								
Exposed Concrete	10%			LIFE	* *	5-10	$43,700	
Metal Panel	2%	Now	$5,800	LIFE	* *	5	$8,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Plaster	55%	Now	$126,300	LIFE	* *	5	$120,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Stairs And Cafeteria								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium, Corridor, Locker Rooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Locker Rooms, Stairs, Gymnasium On 4th Floor								
Plaster	5%			LIFE	* *	5-10	$30,100	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Library, Auditorium								
Site Enclosure								
Fence/Gates								
Chain link	50%	0-2	$23,200	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot And Sports Field								
Iron Picket	50%			2046	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Asphalt	100%			2029	* *			

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2036	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Amps 480 Volt Main Disconnect Switch								
Fused Disc Sw	50%			2036	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2000 Amps 480 Volt Main Disconnect Switch								
Transformers								
Dry Type	100%			2031	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75kva								
Switchgear / Switchboard								
Fused Disc Sw	70%			2036	* *	5	$800	
Fused Disc Sw	30%			2046	* *	5	$400	
Raceway								
Conduit	80%			2036	* *	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$600	
Molded Case Bkrs	90%			2034	* *	5	$6,700	
Wiring								
Thermoplastic	90%			2046	* *	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	75%			2024	$172,700	5	$1,400	
Locally Mounted	25%			2039	* *	5	$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$8,300	
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	$241,200	
T-8 Lamps, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2021	$153,700	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Auditorium								
Explanation : Incandescent								
Egress Lighting								
Emergency, Battery	40%			2026	$149,300	10	$26,700	
Exit, Service	55%			2026	$41,100	1		
Exit, Service	5%	Now	$3,700	2036	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Penthouse And Gymnasium								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2026	$1,061,300	10	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Controlled Via Photocell								
Alarm								
Security System								
No Component	60%							
Generic	40%			2031	* *	1	$42,000	
Fire/Smoke Detection								
No Component	20%							
Generic	80%			2034	* *	1-3	$138,500	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	$274,100	
Distribution								
Steam Piping/Pump	100%			2052	* *	4	$13,600	
Terminal Devices								
Air Handler	15%			2026	$223,900	1	$25,700	
Air Handler	15%			2034	* *	1	$25,700	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								
Convector/Radiator	50%			2031	* *	1	$44,700	
Fan Coil Unit/Heat	20%			2031	* *	1	$17,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Split Unit	5%			2026	$63,900			
Window/Wall Unit	70%			2019	$398,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$244,400	
Exhaust Fans								
Interior	30%			2031	* *	2	$2,500	
Interior	60%			2026	$183,600	2	$5,100	
Roof	10%			2031	* *	2	$800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
WILLIAM H. TAFT HIGH SCHOOL - BX
Asset # : 351

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$41,300	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Meter Room, Basement								
Water Heater								
Gas Fired	100%			2025	$64,400	2	$4,000	
Sanitary Piping								
Cast Iron	100%	0-2	$30,100	LIFE	* *	1		
Corroded, Extent : Light, Area Affected : 20%								
Location : Sub-basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Wing, Basement To 4th Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2036	* *	1-2	$7,800	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q**
Address : **23-15 NEWTOWN AVENUE**
Borough : **QUEENS**
Agency's Number : **LEASE-Q739**
Program / Asset # : **BOE1116.000 / 14572**
Yr Built/Renovated :
Area Sq Ft : **42,049**
Project Type : **EDUCATION**
Date of Survey : **23-May-2013**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,4,5**
Block : **542** **Lot** : **8** **BIN** : **4440035**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		$293,700
Interior Architecture		$256,000
Electrical		$38,600
Total		**$588,300**
Importance Code A		$293,700
Importance Code B		$38,600
Importance Code C		$256,000
Total		**$588,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$3,800			
Interior Architecture	$26,000		$8,900	$3,900
Electrical	$3,100	$2,400	$2,400	$3,600
Mechanical	$4,400	$3,900	$6,800	$10,400
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$42,300**	**$11,200**	**$23,000**	**$22,900**
Importance Code A	$5,900	$2,100	$2,100	$2,200
Importance Code B	$19,900	$9,100	$20,900	$20,700
Importance Code C	$16,500			
Total	**$42,300**	**$11,200**	**$23,000**	**$22,900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	* *	5	$90,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$3,600	
Windows								
Aluminum	95%			2046	* *	5	$21,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Glass Block	5%			LIFE	* *	5	$700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$6,200	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$400	
Metal Rail	5%			2037	* *	5-10	$6,200	
Roof								
Modified Bitumen	100%			2032	* *	10	$203,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$13,800	
Ceramic Tile	5%			2037	* *	5	$3,100	
Quarry Tile	5%			2041	* *	5	$4,700	
Terrazzo	5%			LIFE	* *	5	$2,500	
Traffic Topping	10%			2032	* *	5	$7,900	
Vinyl Tile	50%			2032	* *	3	$15,700	
Wood	15%			2039	* *	5	$17,700	
Interior Walls								
Ceramic Tile	5%			2037	* *	5	$33,100	
Gypsum Board	52%			LIFE	* *	5	$206,400	
Marble Panels	3%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$49,600	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%			2041	* *	5	$56,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Plaster	10%			LIFE	* *	5	$3,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	40%			2050	* *	5	$100	
Molded Case Bkrs	60%			2050	* *	5	$700	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	10%			2046	* *	5	$100	
Molded Case Bkrs	90%			2046	* *	5	$1,000	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	95%			2032	* *	10	$36,600	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2032	* *	10	$1,900	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
Egress Lighting								
Emergency, Battery	50%			2032	* *	10	$5,100	
Exit, Service	50%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10	$100	
Alarm								
Fire/Smoke Detection								
Generic	100%			2032	* *	1-3	$26,700	

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	30%			2029	* *	1	$6,200	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : 6 Roof Top Units								
Hot Water Boiler	70%			2041	* *	1	$14,600	
Other Observation, Extent : Light, Area Affected : 70%								
Location : 1st Floor Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	70%			2050	* *	4	$2,200	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2022	$4,300	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$23,400	
Exhaust Fans								
Roof	100%			2029	* *	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Gas Fired	100%			2023	$9,800	2	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2032	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2032	* *	1	$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1-5								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2050	* *	1-5	$22,000	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

YOUNG WOMEN'S LEADERSHIP ACADEMY ANNEX - Q

Asset # : 14572

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2023	$500	1-3	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **YOUNG WOMENS LEADERSHIP SCHOOL-Q**
Address : **150-91 87 ROAD**
Borough : **QUEENS**
Agency's Number : **Q896**
Program / Asset # : **BOE0992.000 / 4484**
Yr Built/Renovated : **1938 / 1998**
Area Sq Ft : **58,000**
Project Type : **EDUCATION**
Date of Survey : **25-Mar-2015**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,ph**
Block : **9707** **Lot** : **48** **BIN** : **4207510**

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	$842,300	$856,200
Interior Architecture	$1,582,700	$929,900
Electrical		$47,900
Mechanical		$187,600
Total	**$2,425,000**	**$2,021,500**
Importance Code A	$842,300	$856,200
Importance Code B	$345,100	$490,300
Importance Code C	$1,237,600	$675,100
Total	**$2,425,000**	**$2,021,500**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	$19,200			
Interior Architecture	$83,500		$77,200	$46,700
Electrical	$10,100	$4,700	$5,300	$6,200
Mechanical	$57,300	$33,000	$37,200	$22,800
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$173,900**	**$41,600**	**$123,700**	**$79,700**
Importance Code A	$24,900	$5,700	$5,700	$5,700
Importance Code B	$124,000	$35,900	$117,900	$42,700
Importance Code C	$25,000			$31,300
Total	**$173,900**	**$41,600**	**$123,700**	**$79,700**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$198,300	
Masonry: Brick	70%			LIFE	* *	5	$555,300	
Metal Panel	5%			2046	* *	5-10	$136,300	
Pre-Cast Concrete	20%			LIFE	* *	5	$515,600	
Windows								
Aluminum	95%			2042	* *	5	$73,200	
Metal Louvers	5%			2035	* *	10	$24,100	
Parapets								
Copper/Terne	10%			2061	* *	5	$13,300	
Masonry: Brick	60%			LIFE	* *	5-10	$112,400	
Metal Rail	25%			2039	* *	5-10	$123,700	
Pre-Cast Concrete	5%			LIFE	* *	5	$17,200	
Roof								
Built-Up (BUR)	85%	Now	$10,500	2031	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Third Floor Roof								
Paver: Asphalt	15%			2035	* *	10	$6,100	
Interior								
Floors								
Carpet	10%			2025	$788,500	3	$92,700	
Cast in Place Concrete	10%			LIFE	* *	5	$270,200	
Ceramic Tile	5%			2035	* *	5	$30,900	
Traffic Topping	5%			2031	* *	5	$38,600	
Vinyl Tile	60%			2031	* *	3	$139,000	
Wood	10%	Now	$101,900	2041	* *	5	$57,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Gymnasium								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Gymnasium								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$62,500	
Concrete Masonry Unit	5%			LIFE	* *	5	$50,000	
Gypsum Board	90%			LIFE	* *	5-10	$1,912,700	
Ceilings								
Exposed Concrete	5%			LIFE	* *	5-10	$38,600	
Exposed Struc: Steel	2%			LIFE	* *	10	$24,700	
Fiber Board	85%			2031	* *			
Gypsum Board	8%			LIFE	* *	5-10	$169,900	

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2046	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 3000 Amps Main Disconnect Switch								
Fused Disc Sw	20%			2046	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600a Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2042	* *	5	$100	
Molded Case Bkrs	90%			2042	* *	5	$1,400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	90%			2039	* *	5	$400	
Variable Frequency Drive	10%			2046	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Custodian Office								
Explanation : Some Of Mechanical Equipment Controllers Are Monitored By Bms.								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,700	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$17,800	
Generators								
Diesel	100%			2035	* *	1	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Penthouse								
Explanation : One 280 Kw								
Batteries								
Lead/Acid	100%			2020	$1,500	5	$2,100	
Fuel Storage								
Day Tank	50%			2042	* *	5	$5,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Generator Room - Penthouse								
Explanation : One 50 Gallon Tank								
Main Tank	50%			2054	* *	5	$900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Underground								
Explanation : One 550 Gallon Tank								

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$47,900	
Fluorescent	8%			2034	* *	10	$4,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	2%			2031	* *	10		
Egress Lighting								
Emergency, Service	60%			2031	* *	1		
Exit, Service	40%			2031	* *	1		
Exterior Lighting								
HID	100%			2031	* *	10	$200	
Alarm								
Security System								
No Component	70%							
Generic	30%			2036	* *	1	$6,500	
Fire/Smoke Detection								
Generic, Digital	100%			2031	* *			

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Ground Vault								
Explanation : 1- 3000 Gallon Tank. Using Oil #2								
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$57,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2- Steam Boilers								
Distribution								
Hot Wtr Piping/Pump	40%			2042	* *	4	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Water Loop Is Used For Heating In Winter And Cooling In Summer								
Steam Piping/Pump	60%			2046	* *	4	$2,600	
Terminal Devices								
Air Handler	60%			2026	$187,600	1	$21,500	
Fan Coil Unit/Heat	40%			2031	* *	1	$7,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2031	* *	1	$26,900	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Rotary Screw Compressors								
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	$4,300	
Terminal Devices								
Air Handler/Cool/Ht	60%	Now	$3,000	2031	* *	1	$19,400	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Defective Controls - Roof								
Fan Coil - Cool/Heat	40%			2031	* *	1	$7,500	
Heat Rejection								
Remote Air Cond	100%			2031	* *	2	$40,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$51,200	
Damaged, Extent : Light, Area Affected : 5%								
Location : Damaged Ductwork Insulation - Roof								
Exhaust Fans								
Interior	40%			2031	* *	2	$700	
Roof	60%			2031	* *	2	$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2024	$13,500	2	$800	
HW Heat Exchanger								
Low Temp	100%			2046	* *	4	$8,600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	$1,600	
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$1,600	
Backflow Preventer								
Generic	100%			2031	* *	1	$3,600	
Fixtures								
Generic	100%							
Vertical Transport								

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DEPARTMENT OF EDUCATION - 040
YOUNG WOMENS LEADERSHIP SCHOOL-Q
Asset # : 4484

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$29,200	
Sprinkler								
Generic	100%			2052	* *	1-2	$16,200	
Fire Pump								
Generic	100%			2039	* *	1	$10,800	
Chemical System								
Generic	100%			2024	$26,100	1-3	$50,600	

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Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **REVETMENT W/SEAWALL AT BEACH CHANNEL HIGH SCHOOL**
Address : **100-00 BEACH CHANNEL DRIVE ROCKAWAY**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DCAS006.000 / 14026**
Yr Built/Renovated :
Linear Ft : **2,479**
Project Type : **EDUCATION**
Date of Survey : **28-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed :
Block : **16167** **Lot** : **99** **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Bulkheads	$324,200	$886,400
Total	**$324,200**	**$886,400**
Importance Code A	$160,000	
Importance Code B		$886,400
Importance Code C	$164,200	
Total	**$324,200**	**$886,400**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Bulkheads	$3,600	$100		
Total	**$3,600**	**$100**		
Importance Code A				
Importance Code B	$3,600	$100		
Importance Code C				
Total	**$3,600**	**$100**		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

REVETMENT W/SEAWALL AT BEACH CHANNEL HIGH SCHOOL

Asset # : 14026

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Gravity Wall								
Concrete	92%			LIFE	* *	5	$9,200	
Cracking, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Concrete	8%	2-4	$160,000	LIFE	* *	5	$800	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Random Throughout								
Revetment								
Stone	85%			LIFE	* *	5	$12,600	
Stone	15%	2-4	$164,200	LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Random Throughout								
Explanation : Stone Missing, Seawall Exposed								
Backfill								
Surface								
Concrete	99%			2026	$886,400	5	$28,000	
Settlement, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete	1%	2-4	$3,600	2032	* *	5	$100	
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Inshore Of Sidewalk Stations 1+91, 3+17, 4+24, 4+70, And 9+08 From West								
Deck Elements								
Railing								
Fencing	45%			2027	* *	3	$400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Behind School								
No Component	55%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

DEPARTMENT OF EDUCATION - FY 2016

Asset Name : **STEEL SHEET PILE BULKHEAD WEST SIDE BEACH CHANNEL HIGH**
Address : **100-00 BEACH CHANNEL DRIVE ROCKAWAY**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DCAS007.000 / 14027**
Yr Built/Renovated :
Linear Ft : **193**
Project Type : **EDUCATION**
Date of Survey : **28-Mar-2012**
Landmark Status : **NONE**
Areas Surveyed :
Block : **16167** **Lot** : **99** **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Bulkheads	$759,800	$166,300
Total	**$759,800**	**$166,300**
Importance Code A	$690,100	
Importance Code B	$69,700	$166,300
Total	**$759,800**	**$166,300**

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Bulkheads	$800			
Total	**$800**			
Importance Code A	$800			
Importance Code B				
Total	**$800**			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF EDUCATION - 040

STEEL SHEET PILE BULKHEAD WEST SIDE BEACH CHANNEL HIGH

Asset # : 14027

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Sheet Piles								
Steel	60%	Now	$690,100	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 15%								
Location : Large Corrosion Holes In Splash Zone Throughout Bulkhead								
Not Accessible	40%							
Pile Caps								
Concrete	98%			LIFE	* *	5	$600	
Cracking, Extent : Light, Area Affected : 50%								
Location : Random On Top Of Pile Cap								
Concrete	2%	4+	$800	LIFE	* *	5		
Spalling, Extent : Light, Area Affected : 25%								
Location : Random Throughout Pile Cap Top And Corner								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Concrete	65%	0-2	$45,300	2038	* *	5	$700	
Cracking, Extent : Moderate, Area Affected : 25%								
Location : Throughout Deck And Undermined Area								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Throughout Deck								
Concrete	35%	Now	$24,400	2038	* *	5	$400	
Excess Deflection, Extent : Severe, Area Affected : 100%								
Location : Along Bulkhead Behind Sheeting								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Along Pile Cap Behind Sheeting Near Outfall Station 1+05								
Explanation : Separation From Cap. This Area Has Been Cordoned Off With Chain Link Fence Due To Undermining Of Deck								
Deck Elements								
Railing								
Steel	90%			2022	$166,300			
No Component	10%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*